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November 1, 2023

Will Seuffert
Executive Secretary
Minnesota Public Utilities Commission
121 7th Place East, Suite 350
St. Paul, MN 55101-2147

**PUBLIC DOCUMENT –
NOT PUBLIC (OR PRIVILEGED)
DATA HAS BEEN EXCISED**

**RE: In the Matter of the Distribution System Planning for Otter Tail Power Company
Docket No. E017/M-23-380
Integrated Distribution Plan**

Dear Mr. Seuffert,

Otter Tail Power Company (Otter Tail) respectfully submits its Integrated Distribution Plan (IDP), developed by using input from internal departments as well as external stakeholder review as outlined in the requirements of the above referenced docket. The IDP summarizes various related filings and represents a comprehensive review of Otter Tail's plans spanning Electric Vehicles to Advanced Metering Infrastructure. However, Otter Tail is not requesting certification of any project within this IDP. Recovery requests for the projects discussed are currently within other dockets. Otter Tail has many exciting initiatives within the IDP and look forward to the Commission's review.

Please note that Otter Tail has marked certain portions of Appendix A 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. The information being supplied in these schedules is considered to be a "compilation" of data that (1) was supplied by Otter Tail, (2) is the subject of reasonable efforts by Otter Tail to maintain its secrecy, and (3) derives independent economic value, actual or potential, from not being generally known to or accessible to the public. Specifically, the marked portions of Appendix A reflect load data that if not protected, could possibly be connected to specific customers. The nature of this data does not permit sufficient aggregation or anonymization. Otter Tail believes it is obligated to maintain this information as confidential in accordance with the Commission's January 19, 2017, Order in Docket No. E, G-999/CI-12-1244.

If you have any questions regarding this filing, please contact me at 218-739-8565 or at mriewer@otpco.com.

Sincerely,

/s/ MICHAEL RIEWER
Michael Riewer
Manager, System Infrastructure and Reliability

sjw
Enclosures
By electronic filing
c: Service List

OTTER TAIL POWER COMPANY

INTEGRATED DISTRIBUTION PLAN

Docket No. E017/M-23-380
Otter Tail Power Company

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APPENDICES

Appendix A Minimum Substation Loading NOT PUBLIC

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1. PREFACE

Otter Tail Power Company (Otter Tail or Company) respectfully files this Integrated Distribution Plan with the Minnesota Public Utilities Commission (MPUC or Commission) in connection with Docket No. E017/M-23-380.

Within this report, Otter Tail expands upon the previous Integrated Distribution Plan (IDP) which was filed November 1, 2021, in Docket No. E017/M-21-612. This IDP was developed by using input from internal departments as well as external stakeholder review as outlined in the requirements of Docket No. E017/CI-18-253. Building upon the past IDPs, Otter Tail outlines the ways in which this IDP meets the Commission objectives. This IDP also references other filings related to the distribution system and associated plans to provide a complete summary of Otter Tail's plans. These other filings include Electric Utility Infrastructure Costs (EUIC), Docket No. E017/M-23-131; Energy Conservation and Optimization (ECO) triennial, Docket No. E017/CIP-23-94; Electric Vehicle (EV) Pilot, Docket No. E017-M-20-181; Safety, Reliability and Service Quality (SRSQ), Docket No. E017/M-23-76; Integrated Resource Plan (IRP), Docket No. E017/RP-21-339; and Generic Standards for Interconnection, Docket Nos. E999/CI-16-521 and E017/M-18-712.

Per the Commission's December 8, 2022 Order in Docket Nos. E017/M-21-612 and E999/CI-17-879, Otter Tail has also included its Transportation Electrification Plan (TEP) within this IDP filing. In this IDP submittal, Otter Tail is not requesting certification of any single project or program. In addition, per the Commission's September 1, 2022 Order in Docket No. E017/M-21-612, Otter Tail provides a detailed status update of the Innovation 2030 initiative within the grid modernization section of the report.

Since 1909 Otter Tail has impacted the lives of its customers by providing reliable electricity and energy services. And Otter Tail will continue to focus on its customers' energy needs through all planning processes—including the Integrated Distribution Plan—with a balanced approach to environmental, economic, and community stewardship. Over the past 100 years Otter Tail's distribution planning process has evolved to meet the Company's mission and the needs of its customers and the Company will continue to evolve to meet future needs.

Otter Tail's Mission

To produce and deliver electricity as reliably, economically, and environmentally responsibly as possible to the balanced benefit of customers, shareholders, and employees and to improve the quality of life in the areas in which we do business.

Otter Tail serves customers in three states: Minnesota, North Dakota, and South Dakota. From a demographic and economic standpoint, the small, rural towns served both east and west of the Red River are very similar. In Minnesota the Company provides electricity and energy services to 155 communities with an average population of approximately 630. Though distribution systems

typically do not have multi-state impacts, the general planning and budget processes for the Company are applied on a system-wide basis, including allocation across the three jurisdictions. For example, rate making is completed based on system-wide spends and rate base is allocated pro-rata to each state based on usage. Throughout this report, the Company provides state-specific information whenever possible. However, there are cases in the IDP where only system-wide total information is feasible. Whenever information is provided in the IDP, it is marked as either Minnesota-specific or system-wide.

2. BACKGROUND

Over the last several years, the Commission has investigated rate-regulated utilities' modernization of the electric grid and distribution-system planning. As part of this effort, in 2019 the Commission directed Otter Tail Power to file an annual Integrated Distribution Plan.

On November 1, 2019, Otter Tail filed its first IDP (the 2019 IDP). Otter Tail filed its second IDP on November 1, 2021.

On March 22, 2022, the DOC provided comments on OTP's report of which Otter Tail provided reply comments on April 15, 2022.

Final comments from the DOC were received April 26, 2022.

The PUC then provided an order accepting Otter Tail's 2021 IDP on September 9, 2022, and required Otter Tail to detail the status of the Innovation 2030 initiative in the next submittal.

Related, on July 1, 2022, the PUC provided a notice of comment period for the Transportation Electrification plans.

Initial comments were provided by the DOC, Clean Energy, and Otter Tail with final Otter Tail comments submitted on August 11, 2022.

Finally, on December 8, 2022, the PUC provided an order to include the Transportation Electrification Plans in the IDP and to allow utilities to file electric vehicle data that aligns with the data filed in their Annual Program Electric Vehicle reports.

3. INTEGRATED DISTRIBUTION PLANNING OBJECTIVES

As outlined in the September 9, 2022 order, Otter Tail must discuss in future filings how the IDP meets the Commission's planning objectives, including:

a. An analysis of how the information presented in the IDP relates to each planning objective;
b. The location in the IDP;
c. Analysis of efforts taken by the Company to improve upon the fulfillment of the planning objectives; and

d. Suggestions as to any refinements to the IDP filing requirements that would enhance Otter Tail's ability to meet the planning objectives.

The following section outlines the requirements above for each of the Commission's planning objectives.

Objective 1: Maintain and enhance the safety, security, reliability, and resilience of the electricity grid, at fair and reasonable costs, consistent with the state's energy policies.

The first planning objective is very similar to Otter Tail's mission statement; "To produce and deliver electricity as reliably, economically, and environmentally responsibly as possible." As such, every spend within the distribution plan has some positive impact on improving reliability and safety of the distribution system. For example, the replacement spends forecasted remove aging assets from the field which are more prone to failures or have safety concerns. Similarly, reliability and capacity related spends improve reliability as well. These spends can be found in section 8. Our System Infrastructure and Reliability Improvement (SIRI) initiative also highlights these spends and shows how we are continually improving upon our ability to deliver safe, reliable, and cost-effective energy to our customers. A discussion about the SIRI initiative can be found in section 9.E.

Resilience of the distribution grid is also improved not only with asset health type projects described in section 9.E but also the technology projects within the same section. These types of projects allow Otter Tail to better assess the system and restore power after interruptions do occur. Similarly, our Outage Management System (OMS) project will drastically improve both resilience and reliability of the distribution system by allowing us to respond to interruptions more quickly and safely when they do occur. The OMS project is discussed in section 9.B and within the EUIC filing, Docket No. E017/M-21-382.

Fair and reasonable costs are also at the core of Otter Tail's mission statement described in the preface of the report. One specific way in which we maintain a safe, reliable, and cost-effective system is throughout the development and adherence to material and construction standards. This is discussed further in section 4.

Otter Tail's long standing Conservation Improvement Program (CIP) and Demand Response (DR) performance are a true testament to meeting the Commission's planning objective listed above. On June 30, 2023, in Docket No. E017/CIP-23-94, Otter Tail filed its 2024-2026 Energy Conservation and Optimization (ECO) plan, with the MPUC, further expanding and building upon goals set by state energy policies. Otter Tail leverages its conservation and optimization programs to avoid high-cost energy purchases, avoid and defer capacity investments, and to maintain local reliability, which all support keeping customers' costs low. These programs are highlighted in section 9.C.

In addition to our OMS and SIRI initiatives, our Advanced Metering Infrastructure (AMI) initiative is another way Otter Tail is further improving upon this Commission planning objective. Related to reliability and resilience, AMI will provide engineers with more granular information related

to system performance to better inform system planning activities. In addition, AMI will provide the OMS with power-on and power-off notifications, further improving the resilience of the system. Lastly, AMI has a positive business case and helps to maintain low rates for our customers, as described further in Otter Tail's EUIC filing, Docket No. E017/M-23-131.

Section 9.C describes Otter Tail's Load Management vision which, in addition to being able to reduce demand as necessary to maintain reliability, also replaces unsupported vendor software which is a security risk and thus aligns well with this planning objective.

Lastly, not only is reliability improved by our telecommunications long-term roadmap by replacement of end-of-life assets, but the plan also provides additional security to the Otter Tail system and is described in section 9.D.

Objective 2: Enable greater customer engagement, empowerment, and options for energy services.

Within the IDP, there are a few specific projects that Otter Tail is pursuing which directly target improving customer engagement, empowerment, and options for energy services. Otter Tail's ECO programs provide continued options for customers to save money on their electricity bill. This comes in the form of varying rate options and energy savings and is further discussed in 9.C and in Otter Tail's ECO filing. Electric Vehicle (EV) rate options as well as a fast-charging station network being developed by Otter Tail, is another example of expanding options for our customers. These are highlighted in section 13.

Otter Tail is continuing to improve upon this objective through the OMS project as it will provide customers the ability to sign up for near-real time status updates during interruptions including estimated time of restoration (ETR). ETRs and other status updates during outages are items Otter Tail currently is unable to do without an OMS. Along with status updates, customers will be able to specify the way(s) that they prefer to be informed and at what times of the day. These are all critical to improving customer engagement and are highlighted in section 9.B

As described in Section 9.C (and filed in EUIC, Docket No. E017/M-23-131), Otter Tail will be exploring a next generation load management system to replace the end-of-life system currently in place today. As Otter Tail narrows in on vendor selection, the expectation for the new system will be the ability to maintain our existing offerings related to load control and to also expand upon those offerings within the new load management platform to provide customers with new options for saving energy and shifting their usage.

The Advanced Metering Infrastructure (AMI) project, highlighted in section 9.A and Docket No. E017/M-23-131, will provide customers with new options to receive information about their energy usage including high use alerts. AMI will be foundational in enabling Otter Tail the ability to develop new rates and offerings for customers in the future.

Objective 3: Move toward the creation of efficient, cost-effective, accessible grid platforms for new products, new services, and opportunities for adoption of new distributed technologies.
Within the load forecast section 7 and section 13, the Transportation Electrification Plan, we discuss ECO, Electric Vehicles (EVs), and DR. Each of these programs create opportunities for the objectives laid out above. Otter Tail's EV charging rates and charging infrastructure plan will have a large impact on the opportunities for adoption of this new technology. Further, ECO offerings will continue to allow Otter Tail customers best in the industry offerings for ways to save on their energy bill.

Within the DER forecast section 7, we highlight our historical trends related to DER interconnection requests. To date, this has been somewhat minimal, and we have been able to be very responsive to the customers that are requesting DER interconnection. As discussed in section 7, we expect this trend to continue in the near future and as such, existing processes and offerings will work well for our customers. This will continue to be monitored as we move further into the future to ensure DERs can connect to the Otter Tail system.

Our AMI project will be a foundational project for Otter Tail to continue to expand on not only this objective, but most others as well. Though not all future offerings and new services are fully known at this time, AMI provides a foundation for the development of new rates, services, and offerings. This can be reviewed in further detail in section 9.A and in Docket No. E017/M-23-131.

Objective 4: Ensure optimized utilization of electricity grid assets and resources to minimize total system costs.
The use of standards to ensure a safe, reliable, and cost-effective grid have been a key part of our business practices since Otter Tail's beginning. For example, it may be more cost-effective to install an asset of higher amperage or rating than would be required at the present day but doing so may be a prudent and cost-effective approach over the long-term system need. Not only do customers receive the benefit of keeping costs low using standard purchasing, but the use of standards also sets our system up for growth should there be any expansion of loads in the area. Long-term, this also keeps customer rates low. Standards are discussed in section 4.

With the AMI project, a complete connectivity model will be imported from our GIS. By doing so, engineers will be able to map every single customer, which will enhance our ability to see their impact to the distribution system from a capacity standpoint. As an example, this will help us highlight under and over utilized transformers across the distribution system. Today, without demand meters, we are unable to precisely know the total loading and use engineering assumptions. The same principle can be applied to any section of the distribution system such as a feeder or sub-feeder section. The AMI project discussed in section 9.A and in Docket No. E017/M-23-131 will continue to improve upon how Otter Tail meets this Commission objective.

The planning processes described in section 4 review existing data such as substation metering to ensure assets are not over or greatly underutilized. This review also takes place when studies are conducted which is discussed in this same section.

Objective 5: Provide the Commission with the information necessary to understand Otter Tail Power Company's short-term and long-term distribution system plans, the costs and benefits of specific investments, and a comprehensive analysis of ratepayer cost and value.

Throughout the IDP report, we discuss our company and more specifically, the operation and planning of the distribution system. In general, the distribution system plans are represented by our financial forecasts. These can be found in section 8.

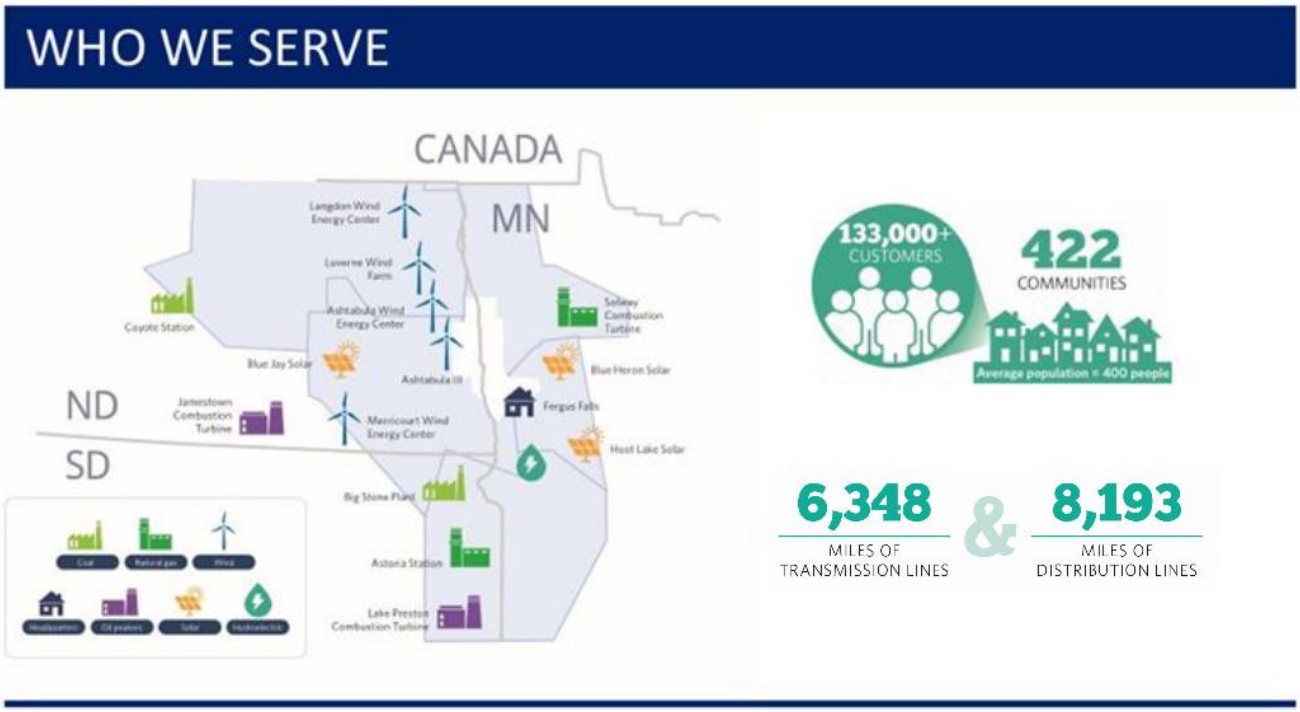
The majority of the forecasted spend comes from asset health initiatives (SIRI) and AMI. Both initiatives are discussed in the Grid Modernization section 9 where we discuss the specific projects within the short- and long-term plans. Additional details about these plans, including ratepayer cost and value, can also be found in previous dockets as discussed within section 9.

In summary, Otter Tail is excited to share our distribution plans within this IDP. Throughout the company, there are many exciting initiatives related to meeting the commission objectives and upholding Otter Tail's mission statement; "…providing electricity as reliably, economically, and environmentally responsibly as possible to the balanced benefit of customers, shareholders, and employees and to improve the quality of life in the areas in which we do business."

4. DISTRIBUTION PLANNING OVERVIEW

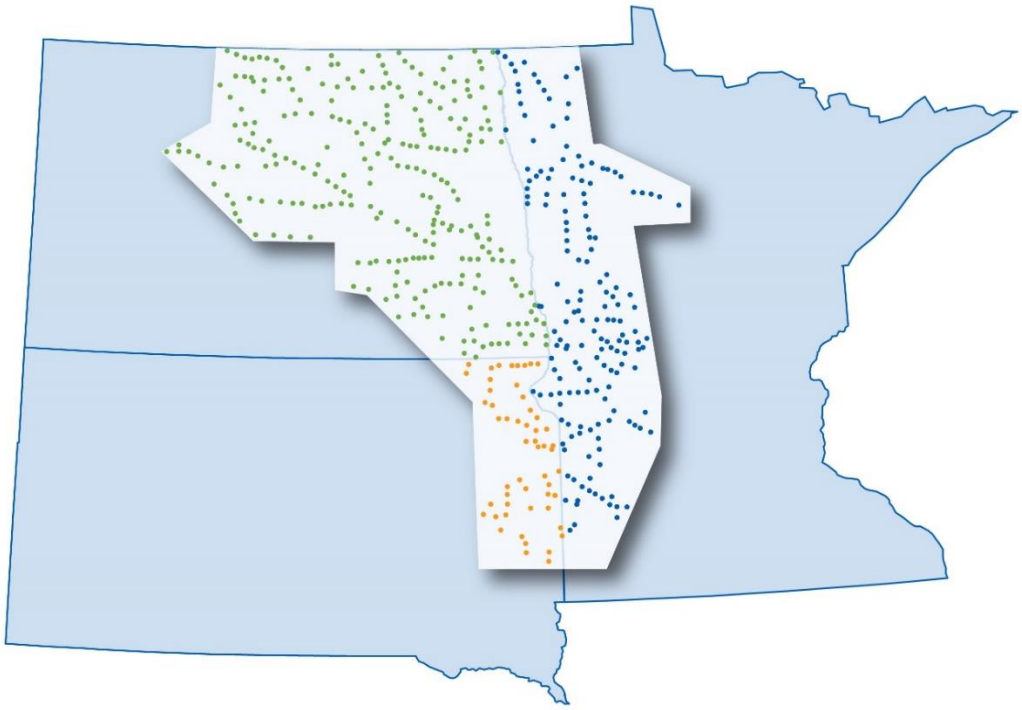
Otter Tail provides electricity to 422 communities across rural areas in western Minnesota, northeastern South Dakota, and the eastern two-thirds of North Dakota. The average population of the communities served is approximately 400, and over one-half of the communities served have populations of fewer than 200. Only three of Otter Tail's communities have populations exceeding 10,000: Fergus Falls, Minnesota (pop. 13,138), Bemidji, Minnesota (pop. 13,431), and Jamestown, North Dakota (pop. 15,427). The Company operates nine local Customer Service Centers (CSC) throughout the service territory, of which four are within Minnesota. Otter Tail is committed to utilizing proactive efforts to communicate, investigate, and resolve reliability issues across the Company's approximately 70,000 square-mile service territory. In total, the Company's service area is roughly the size of North Dakota. This information is also summarized in Figure A below. Considering Otter Tail's total load across the service territory and the number of distribution substations that exist, Otter Tail's average distribution substation demand is around 1.7 MWs. Consequently, Otter Tail's average distribution substation transformer size is around 3.3 MWs.

Figure A – Who We Serve



The following Figure B shows each of the communities served across the Company's three-state service area. Minnesota communities served are shown in blue.

Figure B – Otter Tail Communities



In prior IDPs, we highlighted the generally stagnant system load growth. This statement remains true for the 2023 IDP as well. While Otter Tail has recorded some growth with transmission connected loads, we are still showing a very flat growth profile on the distribution system. This assumption is also the baseline scenario in Otter Tail's latest Integrated Resource Plan (IRP).

That said, the distribution system can see growth (and declines) from one area of the system to the next. Thus, distribution planning needs to be very granular which is the biggest difference in comparison to both transmission and resource planning. Most of the substations in the territory are either not growing or well within the system limits. That said, load may shift from one area of a distribution feeder to another in the form of spot loads over time. These load changes may also warrant closer attention from engineers even though the overall substation loading may not have changed.

In summary, Figures C and D below show the demand (based on metered substations) trends for Otter Tail's Minnesota distribution system. From the graphs below, it can be observed that the past five to seven years have shown minimal load growth, if any. However, load changes and new load is only one factor for distribution planning. Otter Tail also considers system reliability, performance, and age assessments of assets alongside any outside forces, such as road moves during distribution system planning.

Figure C – MN Distribution System Demand Growth Trends (kW) – Winter Season

(Metered Substations)

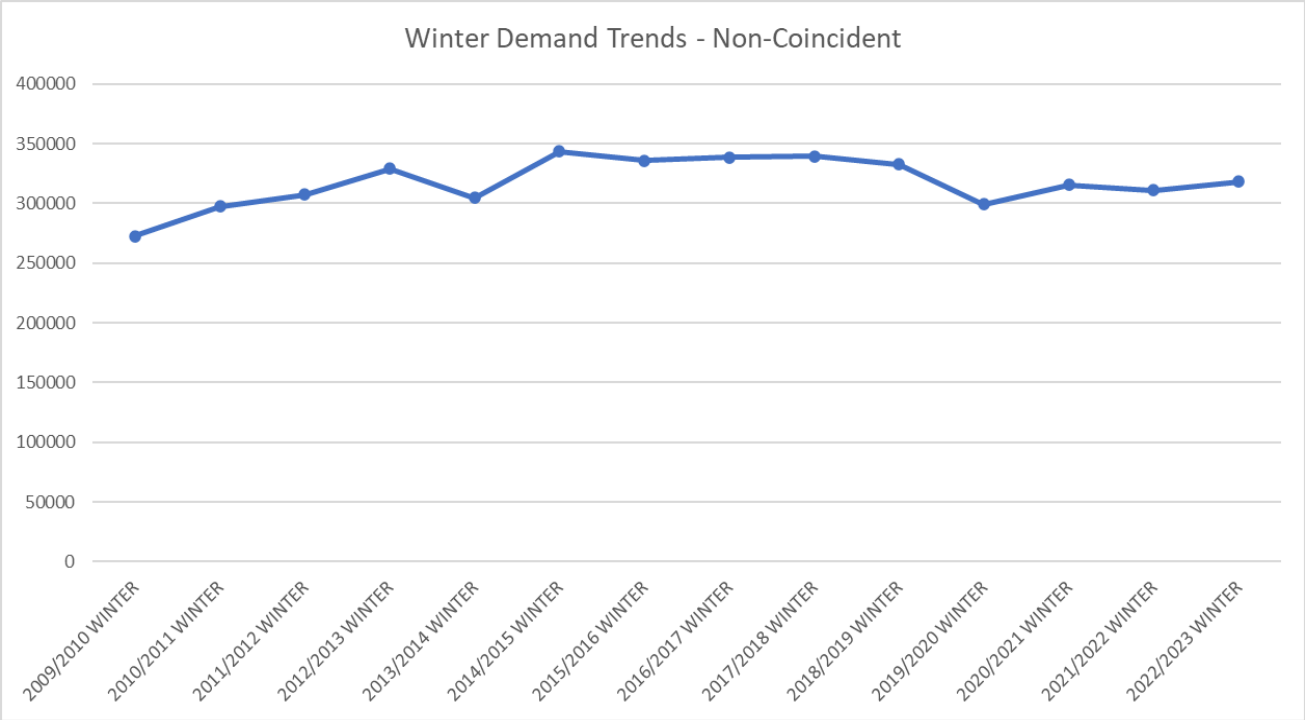
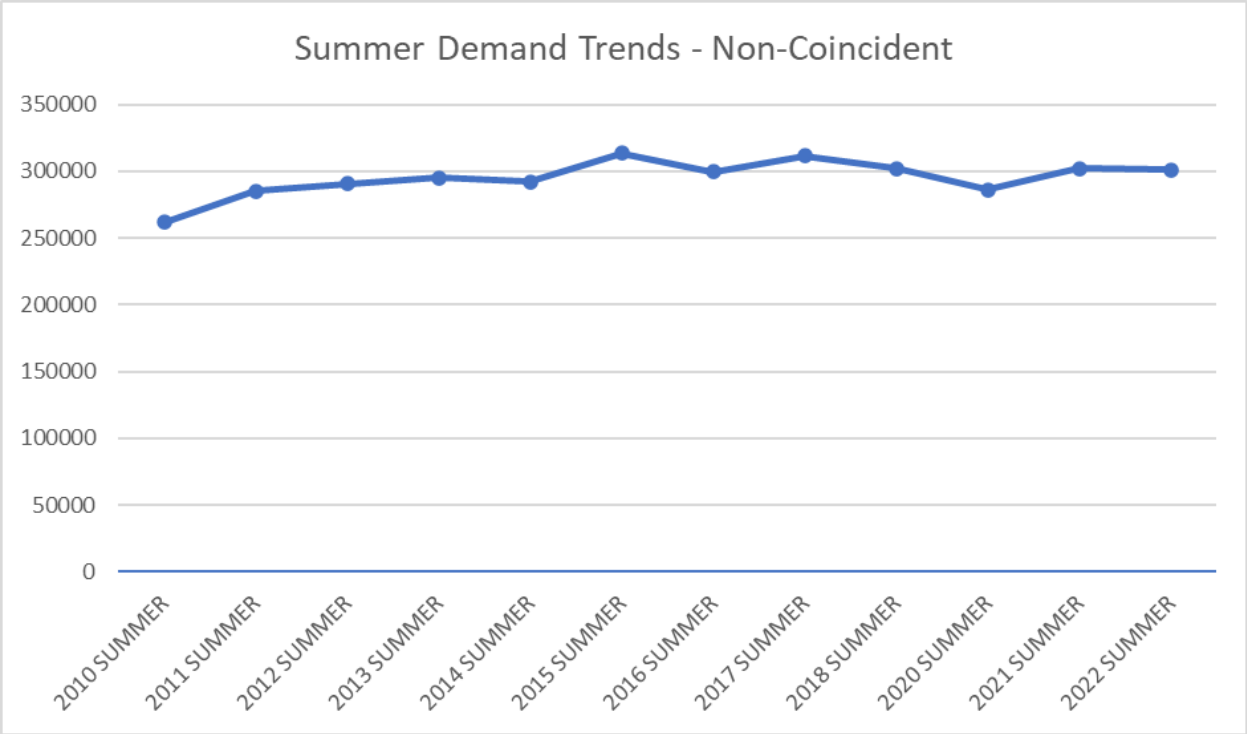


Figure D – MN Distribution System Demand Growth Trends (kW) – Summer Season

(Metered Substations)



Otter Tail has one primary distribution studies engineer, but it has others within the organization who can perform similar tasks as needed. This role is primarily responsible for reviewing and analyzing areas of the system that are seeing demand growth or other operational constraints that require an electrical study. The various Minnesota communities studied since the last IDP are shown in Table 1 below.

Table 1 – List of Minnesota Studies Completed Since November 1, 2021

#	Town	Date Completed
1	Crookston	2/7/2022
2	Wendell	3/9/2022
3	Wilton	5/9/2022
4	Fergus Falls	5/31/2022
5	Campbell-Tenney	7/19/2022
6	Appleton-Milan-Holloway	7/27/2022
7	Wahpeton	7/28/2022
8	Battle Lake-Amor	9/7/2022
9	Mahnomen	10/21/2022
10	Kerkhoven	10/26/2022
11	Beltrami	11/4/2022
12	Otter Tail City	1/19/2023
13	Bemidji	2/6/2023
14	Vergas-Frazee	4/3/2023
15	Odessa-Bellingham-Louisburg-Lac Qui Parle	5/11/2023
16	Clitherall-Vining	6/7/2023
17	Red Lake Falls	6/12/2023
18	Brandon-Garfield-Holmes City-Forada	6/23/2023
19	Erskine-Mentor	6/28/2023
20	Morris	7/13/2023

In addition, Otter Tail has seven area engineers who report to an engineering manager. These roles are dispersed throughout the Company's service territory to ensure adequate review of distribution assets in the field. They are responsible for identifying high value projects in their respective areas that meet the goals of cost-effectively improving reliability and system efficiency, and reducing risk. Reducing risk includes things such as capacity concerns, compliance, performance, and safety. These roles reside within the asset management department and work very closely with Otter Tail's customer service department (field employees, including linemen, and customer relations personnel) in identifying high-value projects. This close working

relationship keeps the engineering and asset management group in synch with the needs on the distribution system. The customer service department is also aware of new and/or growing customers, aging and failing facilities, and provides suggestions for overall system improvement. In addition to the information coming from the field, the Area Engineers review system data such as distribution studies, metering overload reports, GIS information, inspection results, and reliability reports to develop, scope, and estimate projects to grow and maintain a reliable distribution system. Otter Tail's SIRI initiative has placed a renewed emphasis on reliability and data analytics within the planning process. This initiative is discussed more in section 9.

Beyond the specific projects identified each year, Otter Tail also maintains budgets for ongoing programs to maintain the Company's electrical system's asset health. These programs include tree trimming, transformer and regulator change outs, pole replacements, recloser change outs, overhead to underground line conversions, and underground cable replacements which are also further discussed in section 9.

Another key aspect to maintain a cost-efficient, safe, and reliable system is the use of Construction Standard Designs and Material Standards. Construction Standard Designs are designs that are developed, maintained, and updated considering multiple inputs. These inputs include, but are not limited to, overall cost, efficiency, ease of construction and maintenance, historical performance data, operational and public safety, reliable long-term performance, industry standards, etc. These designs are developed and updated considering input from engineering, operations, safety, maintenance, as well as material sourcing and logistics. The Construction Standard Designs enable and act to ensure efficient, consistent, readily trainable fabrication of the electric delivery system.

Material Standards is the process whereby specific material items are evaluated for installation and consumption within construction standard designs. This process includes similar inputs as construction standards, costs, safety, previous experience, reliable performance and industry standards, and industry evolution. Both Material and Construction Design Standards ensure Otter Tail's distribution system is cost-efficient, safe, and reliable which squarely meets the commission objectives for the IDP. Material Standards review has been very active recently with supply chain challenges which has driven the need to explore alternative vendors. Thus far, Otter Tail has been able to navigate supply chain challenges well through approved alternative vendors as well as good long-term planning.

It should be noted that design standards create system capacity "step changes." For example, underground feeder design standards are rated at either 200 or 600 ampacity, or substation transformer sizing which is standardized to future purchases of 1 MW or 2.5 MWs. This helps maintain efficient installation as well as replacement of assets. In doing so, building of the distribution system can appear "overbuilt" in terms of capacity. However, the system was not overbuilt at all but rather efficiently designed and constructed.

4.A System Tools

Various tools are used to aid in planning the distribution system. Synergi Electric (V6.22.0) by DNV is the modeling software used to perform load flow and system performance analysis. Today, most studies are looking at near-term challenges associated with a new customer or an existing customer expansion. However, the distribution study area is striving to be continually more proactive in identifying longer-term challenges in applicable areas. As we move forward with more proactive studies, we also want to be prudent with resources. To manage this balance, Otter Tail plans to study communities with both historical load increase and limited substation capacity.

To date, Otter Tail's distribution systems have experienced almost exclusively unidirectional or one-way power flow and standard demand profile shapes which historically peak in either the middle of the summer or winter months. This has meant that to capture worst case scenarios during studies, Otter Tail has only needed to focus on those singular peak or minimum demand days with a steady-state power flow analysis. However, as penetration levels of distributed generation increase, Otter Tail anticipates increased instances of bi-directional power flows, voltage regulation challenges, and unique looking demand profile curves with sporadic peaks which are increasingly intermittent in nature. With Otter Tail's planned rollout of AMI smart meter technology, engineering anticipates performing more time-based and dynamic power flow analyses (e.g., 8760 Analysis, Time-Series, Flicker, Stability, etc.) to ensure a reliable system.

Another critical tool leveraged for system planning is the Company's Geographic Information System (GIS), which is also used for many operational applications discussed elsewhere in this report. Environmental System Research Institute's (ESRI) GIS houses both transmission and distribution assets. The GIS department creates the latest distribution models for use in Synergi Electric. The process starts with a review and quality analysis/quality control of the system data within GIS. Assets, attributes, and system connectivity are necessary to create a model. Once the proper information is collected, processed, and memorialized in GIS, a file transfer takes place to an interface program called MiddleLink. MiddleLink aligns the data sets between GIS and Synergi Electric, allowing the creation of an electrical system model for analysis.

The electric system model contains all the known detail about the electrical system's equipment, conductors, and facility attributes. The attributes include voltage and current ratings, size, length, height, class, material type, phasing, and a geospatial location for the asset. The model gives an accurate geospatial view of the electrical system.

One of the last steps in modeling is to leverage actual system metering data. Otter Tail captures this via load/meter historian systems (i.e., eDNA and Power Profiler) which is then loaded into the electrical model. Finally, system source strength is added to the electrical model from the system protection department's software called Aspen One-liner. Engineering review takes place at every step along the way to ensure the data is accurate and of sufficient quality. Capturing loading information will be much improved via our AMI project.

Updating and maintaining our GIS data has become a large area of focus within the company and, as such, Otter Tail is working with a third party to fully collect missing distribution system GIS data. This will directly lead to faster model production and quicker turnaround times on study reports and recommendations, resulting in additional time to perform proactive engineering studies. The GIS collection effort is further discussed in section 9.B.

Once projects and needs are identified, they are designed within a distribution design tool called StakeOut which is provided by GeoDigital. The StakeOut system was installed in late 2019 to replace an old legacy mainframe system. This system is also referred to as "Staking" and provides field employees the necessary information including material and location to construct each distribution project.

4.B IEEE 1547-2018 Impacts and Historical DER Trends

IEEE 1547-2018 and its amendment, IEEE 1547a-2020, are the newest updates to the IEEE 1547 base standard which was approved on April 6, 2018. These updated standards replace the previous IEEE 1547-2003 standard and its IEEE 1547a-2014 amendment. The main differences when comparing this new interconnection standard with the older versions are the wider "cease to energize" ride-through dead-bands for voltage and frequency ride-through under abnormal system conditions. These updates are due to the nationwide growth in DER adoption levels since those old standards were created and are an attempt to better support the Bulk Electric System during abnormal system conditions or events. One of the other main differences would be the required use of the new UL 1741 SB advanced inverters and their updated autonomous volt-var and volt-watt control functionalities. Otter Tail does not anticipate these updated requirements causing any major adverse or negative effects within our service territory as the DER penetration levels are still relatively low. To the contrary, the new default advanced autonomous inverter control settings could in fact benefit Otter Tail from a voltage support standpoint due to the autonomous reactive power control (e.g., volt-var, volt-watt) capability versus our existing control setting requirement today which consists of a fixed 98 percent absorbing power factor.

Otter Tail has averaged just under 10 DER installations with an average of just about 245 kW installed per year over the past five years (2018-2022). In this same timeframe, two of the top three locations where DER has been installed in Otter Tail's service area are more in the southern part of its Minnesota service territory. The Morris area had 22 installations and the Fergus Falls area had 11. The other area where Otter Tail has had installations is within the Bemidji area, which has had ten. The service territory north of Fergus Falls and west of Bemidji has had only one DER installed over the past five years. This information is summarized in Table 2 below. From Table 2, it can also be noted that none of the fuel sources are electric battery storage.

Table 2 – Minnesota DER Interconnections between 2018 and 2022

Queue No.	Customer Service Area	Size (kW)	Fuel Source
D18-01	Bemidji	38.7	Solar
D18-02	Fergus Falls	3.84	Solar
D18-03	Bemidji	12.96	Solar
D18-04	Bemidji	38.98	Solar
D19-01	Fergus Falls	11.31	Solar
D19-03	Morris	8.03	Solar
D19-04	Morris	15.2	Solar
D19-06	Fergus Falls	33.3	Solar
D19-07	Morris	20	Solar
D20-01	Bemidji	8.26	Solar
D20-02	Bemidji	33.3	Solar
D20-04	Fergus Falls	14.45	Solar
D20-05	Fergus Falls	10.41	Solar
D20-06	Crookston	37.5	Solar
D21-01	Morris	16.4	Solar
D21-02	Crookston	36	Solar
D21-03	Fergus Falls	13.6	Solar
D21-04	Bemidji	2.03	Solar
D21-05	Morris	16	Solar
D21-07	Morris	30.8	Solar
D21-08	Morris	18	Solar
D21-10	Morris	15.2	Solar
D21-11	Morris	120	Solar
D21-14	Morris	36	Solar
D21-15	Morris	23.1	Solar
D21-16	Morris	39	Solar
D21-17	Morris	25	Solar
D21-19	Morris	4.35	Solar
D21-20	Morris	4.64	Solar
D21-22	Morris	3.84	Solar
D21-23	Fergus Falls	7.6	Solar
D21-24	Morris	10.44	Solar
D21-25	Fergus Falls	13.6	Solar
D21-26	Morris	5.8	Solar
D21-27	Fergus Falls	10.6	Solar
D22-09	Fergus Falls	38.5	Solar
D22-12	Morris	38.4	Solar
D22-13	Fergus Falls	10.4	Solar
D22-14	Morris	38.4	Solar
D22-15	Bemidji	9.772	Solar
D22-24	Morris	2.61	Solar
D22-25	Morris	11.31	Solar

Over the past five years (2018-2022), Otter Tail had three DER projects that did not proceed to the agreement phase after they were deemed complete. All of these withdrew due to complexity of the business arrangements they were trying to achieve. Otter Tail had one pre-application request, which proceeded to construction. Otter Tail had one solar unit that signed an interconnection agreement but later decided not to proceed. Of the interconnections that have taken place over the past five years, Otter Tail has performed three upgrades that were paid for by the interconnection customer. The cost of the upgrades ranged from just under $3,000 to just over $165,000. Table 3 represents the installed DER in 2023 as of September 1, 2023, to the Minnesota distribution system.

Table 3 – Queued Interconnection Installations

Queue No	Customer Service Area	Size (kW)	Fuel Source
D22-10	Morris	14.80	Solar
D22-25	Morris	11.31	Solar
D22-26	Morris	30.75	Solar
D23-01	Fergus Falls	11.40	Solar
D23-04	Fergus Falls	40.00	Solar
D23-05	Fergus Falls	8.96	Solar
D23-06	Crookston	7.68	Solar
D23-07	Fergus Falls	25.10	Solar and battery
D23-09	Fergus Falls	11.71	Solar and battery
D23-10	Bemidji	20.50	Solar
D23-11	Fergus Falls	11.40	Solar
D23-12	Fergus Falls	33.00	Solar
D23-17	Bemidji	22.88	Solar
D23-18	Fergus Falls	10.00	Solar and Diesel
D23-25	Fergus Falls	6.96	Solar

Otter Tail does not keep detailed records to track the cost to review and install a DER. However, Otter Tail estimates that it spends about $1,500 per application by the time the application is processed, the necessary agreements are in place, the meter is installed, testing is performed, and the new DER has been incorporated into the system. Table 4 shows an estimated breakdown of the costs associated with the interconnection process.

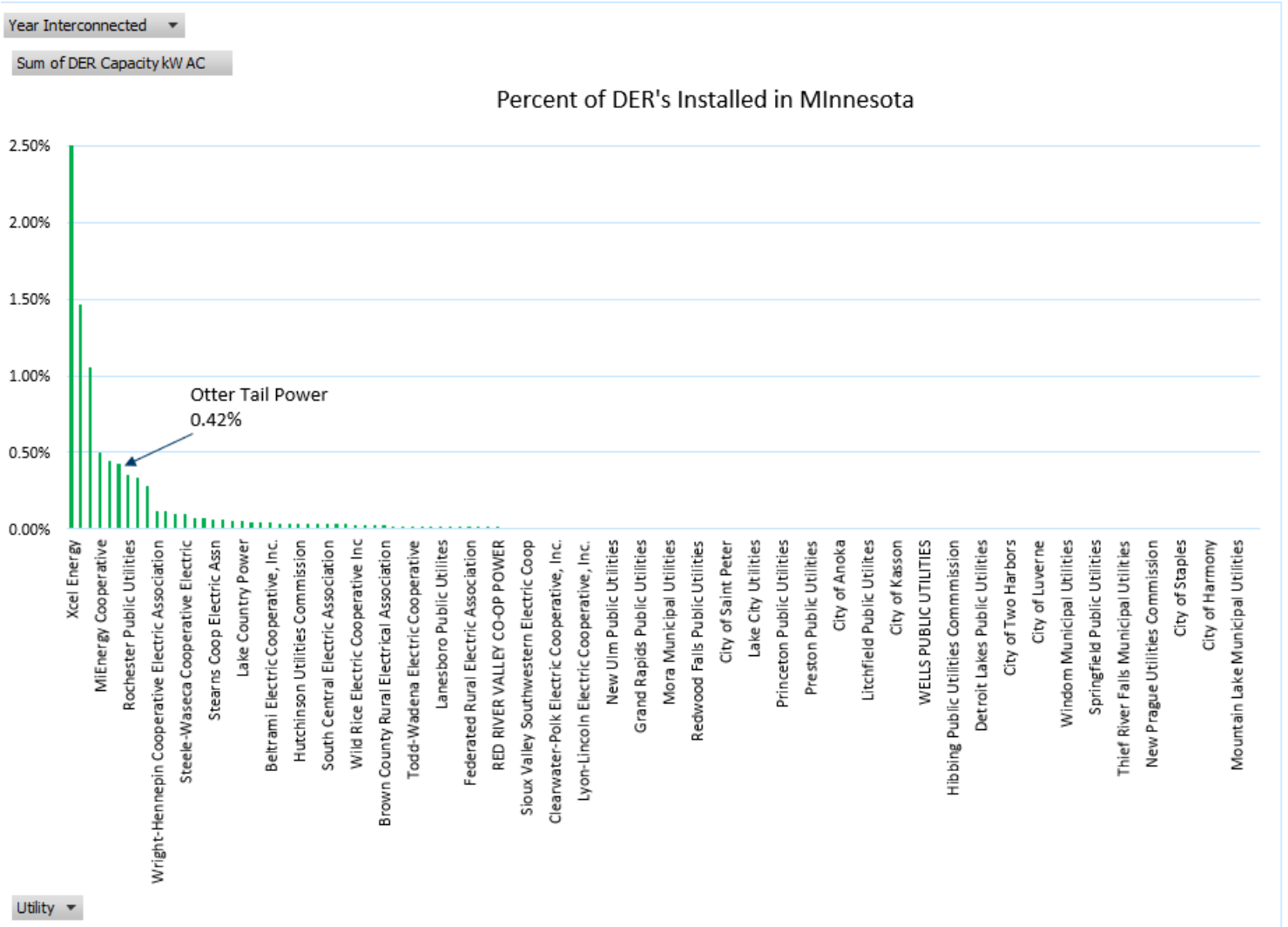
Table 4 – Interconnection Processing Costs

Application Phase	Hours
Interconnection Coordinator	3
Administrative Assistant	3
Distribution Engineering	3
Transmission Engineering	1
Installation	
Interconnection Coordinator	1
Contract close-out administration	2
Other administration	2
GIS updates	1
Meter tech – start-up test, travel	3
Customer Service notification	1
Total Hours	18
Cost at $75/hr	**$1,500**

Otter Tail is involved with Distributed Generation Working Group (DGWG) which helped create and works to update the Minnesota Technical Interconnection and Interoperability Requirements (MN TIIR) standard with the most recent update taking place in early 2023. This update came on the back of the IEEE 1547-2018 updates, its amendment, IEEE 1547a-2020, and with the upcoming market availability of the new UL 1741 SB certified autonomous smart inverter technology. Due to this, Otter Tail is updating its Technical Specifications Manual (TSM) for the Interconnection of DER to align with the newly updated default requirements found in the MN TIIR. Otter Tail's TSM addresses technical DER interconnection items that may be unique to Otter Tail due to various specific characteristics of the electrical system(s) in question. From Otter Tail's standpoint, the updates mostly involve new default specified control settings for inverter-based DER interconnections. Historically, Otter Tail has required all inverter-based DER to utilize a constant power factor of 98% absorbing. Moving forward, Otter Tail will require inverter-based DER to utilize the inverter's autonomous volt-var and volt-watt functions, as outlined in the updated MN TIIR. Otter Tail believes this change will serve as a net benefit for the overall system due to the autonomous reactive power control capability that is dependent on the system's voltage versus having the generator absorb reactive power constantly, regardless of any external system conditions or events. For more information related to Otter Tail's Technical Standards Manual, refer to Docket Nos. E999/CI-16-521 and E017/M-18-712.

The current level of DER penetration to Otter Tail, along with the current activity in the interconnection queue, does not yet rise to a level where changes to existing processes are needed. Per the 2022 Minnesota Public Utilities DG Data, Otter Tail has less than one-third of a percent of the DERs installed in the state (see Graphic A below) and 0.4 percent of the DER MW installed in Minnesota interconnected to the electrical system.

Graphic A – Minnesota DER Installations



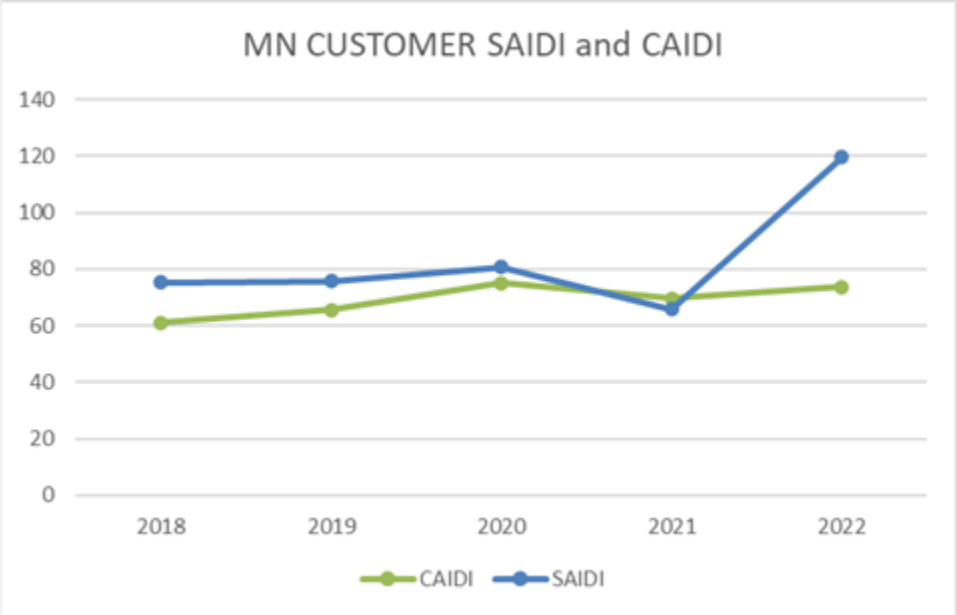
[1]

[1] Copy of MN Utility Reported through 12-31-2022 (released 7-26-2023)_tcm14-585818.xlsx (live.com)

5. SYSTEM RELIABILITY SUMMARY

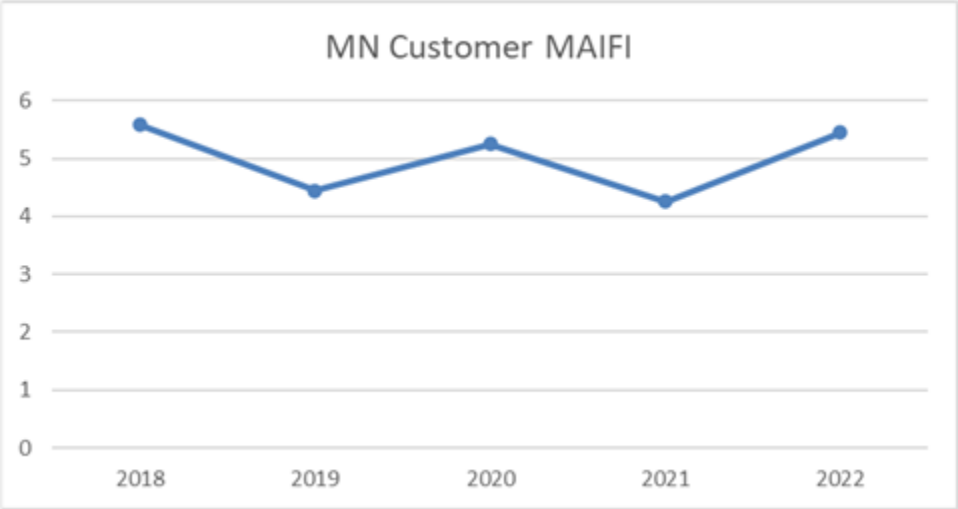
Otter Tail's reliability performance is well-described within the Minnesota Safety, Reliability, and Service Quality (SRSQ) report found within Docket No. E017/M-23-76. In summary, Figure E below shows the past five years of Customer Average Interruption Duration Index (CAIDI) and System Average Interruption Duration Index (SAIDI) performance. It should also be noted that Otter Tail moved from an outdated/obsolete reporting system to a new Interruption Monitoring System (IMS) in 2019. With this change, more granular information is captured. Thus, comparison of pre-2019 data to historical data should not be considered like for like. Overall, Otter Tail saw an increase in 2022 results when compared to previous years, largely due to major storm events in May and June of 2022.

Figure E – Historic Minnesota SAIDI and CAIDI



In addition, a summary of the Momentary Average Interruption Frequency Index (MAIFI) over the past five years is provided in Figure F. MAIFI is an indication of the average number of momentary interruptions the average customer received over the course of a year for a particular region. Otter Tail views MAIFI as a leading indicator for future SAIDI and tracks and analyzes line sections with excessive momentary interruptions for future capital improvements or possible vegetation management needs. Overall, Otter Tail saw an increase in 2022 results when compared to previous years largely due to major storm events in May and June of 2022.

Figure F – Minnesota Historic MAIFI



6. SYSTEM DETAILS

Otter Tail has limited visibility of distribution facilities throughout its system on a real-time basis. Otter Tail has 414 distribution substations, with 13 of those substations having control and monitoring within Otter Tail's System Operations Energy Management System utilized by the power system operators. Otter Tail's Energy Management System is primarily used to monitor and control the transmission system (transmission system – 41.6 kV and higher). However, distribution facilities located within a transmission substation are included when possible. Table 5 below shows a summary of the Substation and Feeder statistics.

Table 5 – Substation and Feeder Statistics

Distribution Substation	Minnesota	North Dakota	South Dakota	Total
Substation Count	177	265	72	414
Control/Monitoring	6	4	2	13
Metering	132	179	45	356
Substation/Transformer Capacity (MVA)	737	750	284	1,694

Distribution Feeder	Minnesota	North Dakota	South Dakota	Total
Feeder Count	288	348	95	731
Control/Monitoring	24	9	4	37

As can be seen from Table 5, Otter Tail currently meters 356 of 414 distribution substations. However, this metering covers more than 90 percent of Otter Tail's delivered energy. It is estimated that the cost of adding metering capabilities to substations where metering does not

currently exist to be between $10,000 and $15,000 depending on the site. To date, metering at the remaining substations has not been cost justifiable to serve the needs of customers and will continue to be evaluated on a case-by-case basis as needs evolve. It should also be pointed out the metering referenced in this section relates to distribution substation metering. Otter Tail does meter all customer accounts.

Table 6 below provides more insight, derived from GIS, regarding asset counts for the distribution system at Otter Tail. Primary distribution lines are the main lines from substations to the high side of service transformers. Secondary distribution lines are the lines used for streetlight circuits and the lines from the low side of service transformers to individual customer service lines owned by Otter Tail. Distribution poles are used to attach the primary and secondary distribution lines for overhead circuits and service transformers are used to transform the voltage from primary to secondary levels.

Table 6 – Distribution System Asset Statistics

Primary Distribution Line (miles)	**Minnesota**	**North Dakota**	**South Dakota**	**Total**
Overhead	1,988	1,876	465	4,329
Underground	718	617	125	1,460
Total	2,706	2,493	590	**5,789**

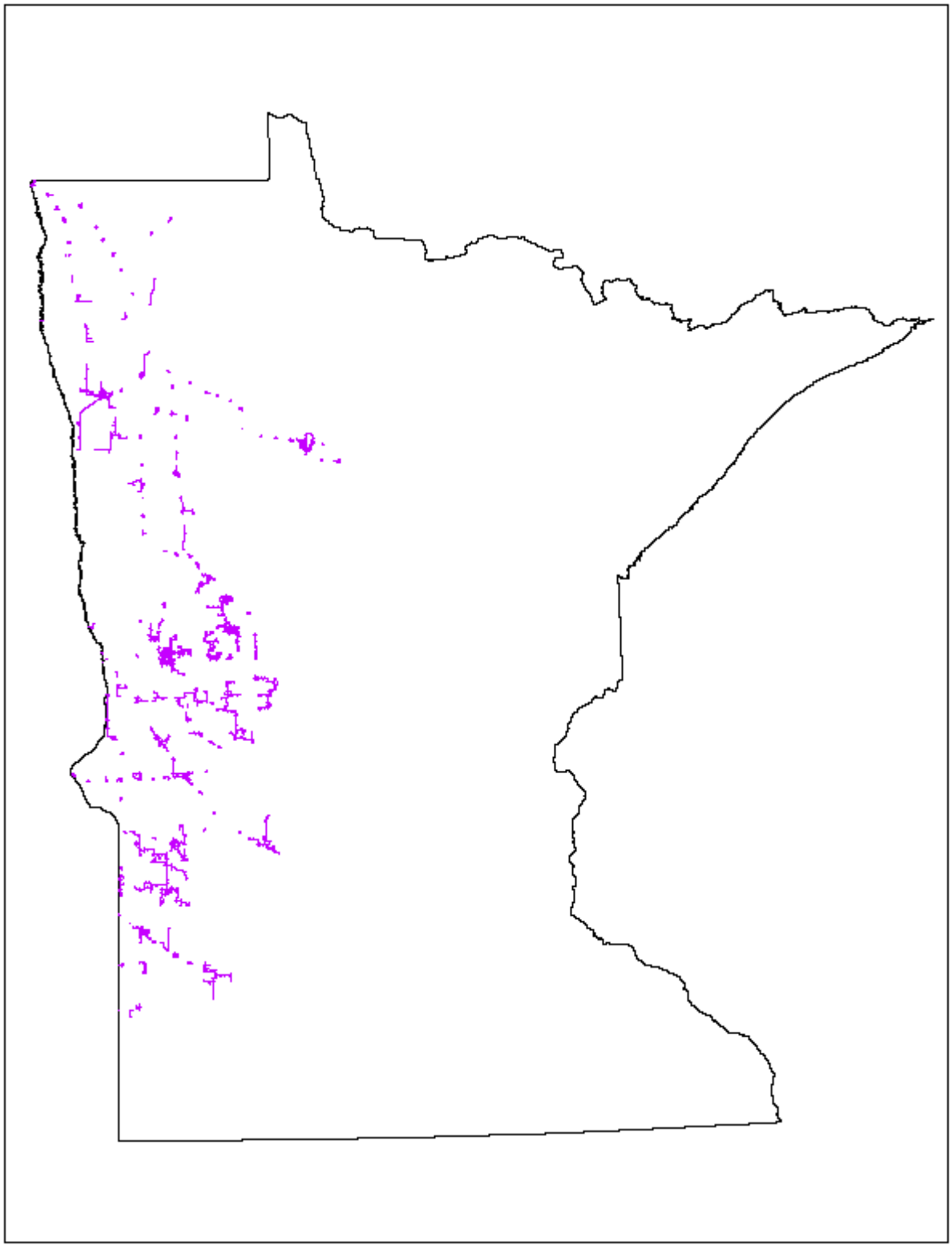
Secondary Distribution Line (miles)	**Minnesota**	**North Dakota**	**South Dakota**	**Total**
Overhead	758	963	180	1,901
Underground	232	228	43	503
Total	990	1,191	223	**2,404**

Distribution Poles	**Minnesota**	**North Dakota**	**South Dakota**	**Total**
Total	74,962	79,768	16,579	**171,309**

Service Transformers	**Minnesota**	**North Dakota**	**South Dakota**	**Total**
Overhead	12,142	10,528	2,636	25,306
Pad-mount	6,358	5,135	968	12,461
Total	18,500	15,663	3,604	**37,767**

To help visualize the Otter Tail assets within a map, Figure G below was exported from Otter Tail's GIS. It is easy to see the rural areas throughout the west and north central regions of the state where we provide service.

Figure G – Map of Otter Tail's Minnesota Distribution System from GIS



Lastly, nearly all of Otter Tail's billing meters are manually read today. Outside of some industrial meters and the Interruption Monitoring System cellular AMI meters, the remainder are read either by Otter Tail employees or a third-party through handheld devices. Table 7 below summarizes Otter Tail's meter counts in Minnesota. These meters are used to bill just over 62,000 Otter Tail customers in Minnesota. Customer meters will be remotely read once we complete our AMI project.

Along with the deployment of the AMI network, Otter Tail is deploying a new meter endpoint platform, Landis & Gyr's Revelo meter. The Revelo platform provides improved accuracy and advanced functionality for all our customers. The meter has advanced metrology to support to agile rate design, i.e. time-of-use, remote disconnecting capabilities, advanced power quality metrics and edge intelligence.

The Revelo meter provides edge computing capabilities and an ability to sample, process, store, and provide data for real-time energy management and operational control. The advanced sensing capabilities and edge computing sets the stage for Otter Tail to benefit from a near real-time view of the grid as well as capabilities for customers to monitor appliance health and power consumption. Otter Tail plans to deploy six initial meter applications, providing both grid and consumer-side benefits. Beyond these apps, Otter Tail Power has access to Revelo's open application architecture to securely utilize third-party applications or develop our own apps for a specific business need. Additional details regarding Otter Tail AMI project can be found in section 9.A.

Table 7 – Minnesota Service Territory Metering

	Manually Read	AMR	AMI	Total
Minnesota Meters	81,665	168	576	82,241

7. LOAD FORECASTING

The distribution system must be designed to withstand system peaks and possible scenarios which may arise on the system in emergency conditions. Because of this, the system must be planned to peak demand levels. As discussed earlier in section 4, the distribution system must be planned in a very granular approach in comparison to transmission or generation planning. As such, these forecasts are used for discussion purposes and aid in macro level trends for planning and understanding the distribution system. However, localized studies are still required for any significant demand-based growth.

7.A Baseline Scenario; Historic DER Adoption

In Otter Tail's current IRP, Docket No. E017/RP-21-339, the base case demand scenario included minimal to no demand growth after applying ECO and Demand Response forecasts which aligns

with the trends shown in section 4 of the IDP. As such, studies of the distribution system are performed ad-hoc as described in section 4 as well. This is due to the granular nature of the distribution system as well as a system wide trend of minimal to no demand growth. That said, growth must be accounted for in the distribution plan in areas of the system that see demand growth. In general, the following areas of Otter Tail's Minnesota system have experienced the most demand and growth activity over the past few years listed in alphabetical order:

- Bemidji
- Fergus Falls
- Morris
- Pelican Rapids
- Perham

These areas are monitored more closely for capacity constraints and more detailed studies are performed as necessary. The overall limited demand growth is reflected within the financial forecasts showing limited spends for capacity needs as shown in section 8.

Baseline DER Details

The baseline forecast for both the IDP and IRP include, or "net," the effects of DER trends on the system. For example, Otter Tail has historically averaged around six DER requests and installations on the system annually. As demand growth is monitored and reported, the effects of the request are "netted" into the load from a system perspective. This is due to the behind the meter configuration of these sites. Given the size and the overall number of requests, this approach suits our customers well in comparison to an approach which would exclude these generators from the demand trends and analyze them independently. Otter Tail also nets impacts from historical conservation energy savings, and Demand Response to its system growth forecast. This is also described within Otter Tail's current IRP, Docket No. E017/RP-21-339. ECO programs are discussed in more detail in Section 9.C.

7.B Medium and High DER Penetration Scenarios

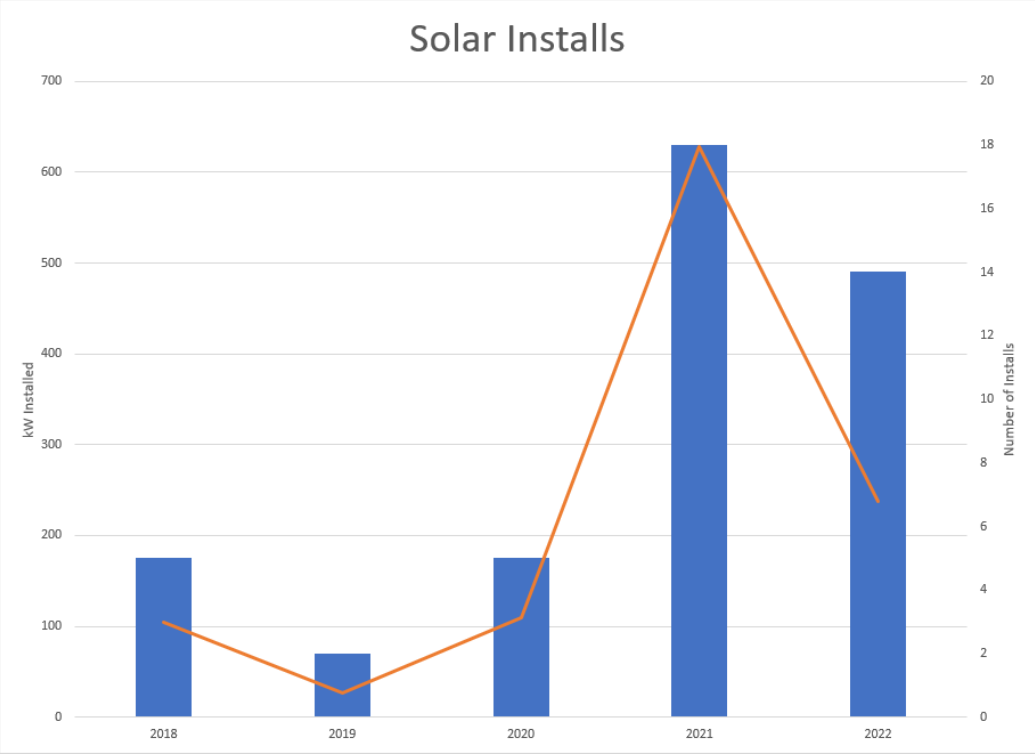
As DER penetration increases, we will also need to be aware of areas of the system that are decreasing in demand or where DER is masking potential load. There are numerous smaller communities across Otter Tail's service territory in Minnesota that are decreasing in demand. Areas of the system with noted demand growth are studied more frequently and proactively than other areas of the system to ensure the system is adequate for the increasing load. This simultaneous increase in DER interconnections combined with the decreasing demand in some areas of our service territory can lead to additional risks for the overall safety and reliability of the distribution system. Some of these risks include unintentional islanding and reclosing back into an active island following utility side outages, as well as increasing levels of reverse power flow on legacy distribution protection systems which were not configured to handle large bidirectional power flows. As of today, Otter Tail does not foresee major system wide impacts to occur in the near future, even under higher levels of DER penetration. However, Otter Tail

does anticipate seeing higher levels of adoption on a situational basis depending on location specific variables which could lead to issues found in certain towns like Morris, MN, one of Otter Tail's greenest communities with nearly four megawatts of nameplate DER, as shown below in Figure H.

Though system wide impacts are not expected to occur in the near future, even in a high-adoption scenario, we are interested in lower-level distribution issues that might occur through community adoption. For example, if a subdivision in a town has a large adoption, what impacts will that create in that section of the distribution system? In an effort to identify the most common and probable issues we may face with increasing levels of DER and EV adoption across our service territory in the future, Otter Tail has performed a study on the town of Morris, MN where we have analyzed varying levels of EV and DER growth interconnecting to different portions of the Morris distribution system and captured any system deficiencies outside of Otter Tail's standard criteria including overvoltage issues, thermal equipment or conductor overloads, and reverse power flows at the substation breaker. Please refer to section 7.C below for more information on Otter Tail's Morris EV and DER Adoption Study.

Solar DER installs have increased from 2021 to 2022 (see Figure H below). Otter Tail expects the solar installs to remain at 2022 levels going forward, with a possible slight increase for the next couple of years, as customers that desire to have this type of generation at their site do so, and tax incentives are available.

Figure H



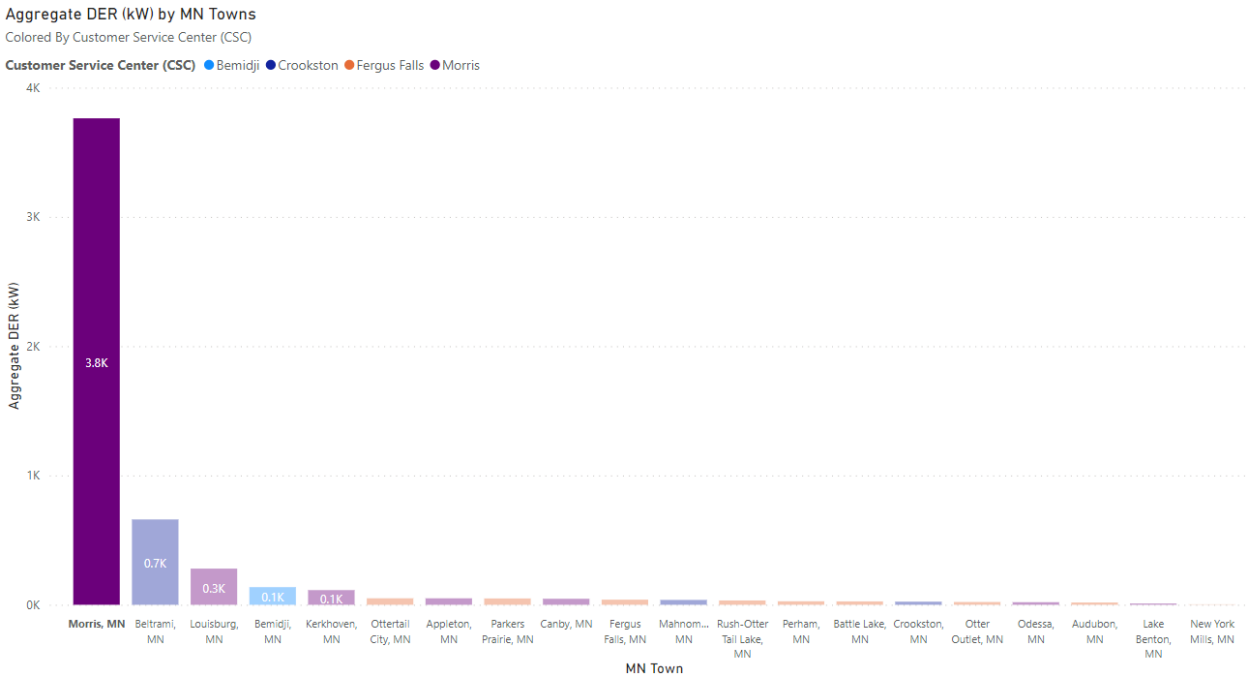
Otter Tail expects a slight uptick in DER installs because of the recent tax incentives passed, but then to level out. That said, system wide impacts of a high penetration scenario are not expected to create issues to the system or the interconnection process. However, just as with larger EV penetration scenarios, larger DER penetrations could have localized impacts on the distribution and will be something Otter Tail plans to evaluate within the study mentioned above. Otter Tail also provides related comments within Docket No. E999/CI-16-521.

Electric vehicle related information in response to order points 21, 22, 26 i., 29, 34, and 35, and C1. regarding forecast scenarios can be found in Section 13, Transportation Electrification Plan.

7.C Morris, MN – DER and EV Adoption Study

Following the last IDP filing in 2021, Otter Tail committed to performing a Distributed Energy Resource (DER) and Electric Vehicle (EV) impact study on one of our most active communities in terms of renewable energy resources in an effort to better understand the most likely future impacts of faster than anticipated adoption of residential-scale DER interconnections and EV chargers. Otter Tail decided to analyze the Morris, MN distribution system for this study because it is Otter Tail's single largest adopter of distributed generation to date boasting nearly four megawatts of aggregate nameplate generation throughout the town. Morris, MN sees an annual peak coincident demand of roughly 15 megawatts split between two substations; the Morris South substation which is served from the 115 kV transmission system and the Morris Northeast substation which is served from the 41.6 kV transmission system. The vast majority of the town's distributed generation is located on the University of Minnesota Morris feeder, which is served normally from the Morris NE substation. As shown below in Figure I, the next largest adopter of DER by aggregate nameplate size is Beltrami, MN with less than 750 kilowatts of aggregate DER approved for interconnection to date.

Figure I – Aggregate DER by Minnesota Town



For this study Otter Tail developed base, medium, and high-level adoption cases for both DER and EV deployment in Morris, MN. In addition to developing deployment scenarios, we also developed various demand profiles (e.g., peak, minimum, and daytime minimum demands) to simulate additional DER interconnections and EV charging infrastructure more accurately. Depending on the case and scenario, the DER deployments or EV charger load would either be allocated entirely to one of the five modeled feeders individually or distributed between all five of the feeders evenly along the midline or endline nodes depending on the case being analyzed. There were 45 individual DER adoption cases and 38 individual EV adoption cases developed and analyzed to identify system impacts from DER and EV growth between the three adoption scenarios as well as under peak, daytime minimum, and absolute minimum metered demand profiles.

The variations in scenario types, aside from demand profiles and adoption levels, involves the location of and feeder(s) that the additional DER interconnections and EV chargers will be deployed to. This is because the location of the interconnection(s) can play a significant role in the problems that can arise as well as the associated mitigation measure that may be employed to remedy the issue. All of the additional generation or EV charger load, depending on the case being analyzed, would have 20 percent allocated to each of the five feeders simultaneously along the midline, then would have 20 percent simultaneously allocated near each of the feeders endlines, then would have 10 percent allocated to both the midline and endline points for each of the feeders simultaneously, and finally would have all 100 percent allocated to each of the

feeders individually, with 50 percent being added to the midline and 50 percent added to the endline in each of those cases.

The methodologies used to develop the below scenarios are not consistent with Otter Tail's most recent Integrated Resource Plan (IRP) filing due to the low DER and EV penetration levels throughout the service territory today and expected over the next 5 years. The IRP focuses mainly on transmission level utility-scale generation additions due to our low DER levels currently and it did not include additional EV load in the base forecast as levels are still not expected to be high enough to make a noticeable difference yet. Forecasted DER levels are handled through the IRP process as an adjustment to net load. One aspect that the IRP and this Morris study methodology shares, due to Otter Tail's rural nature and various electrical efficiency efforts being undertaken, is the minimal expectation for future load growth throughout our Minnesota service territory. These forecasts are further discussed in section 13, Transportation Electrification Plan.

Base Case

The base level scenarios were built using the existing levels of DER and EV adoption that Morris has today, or about 3.83 megawatts of aggregate DER with 17 known EVs, seven L2 EV chargers, and one DC Fast Charger, respectively. Three base level scenarios were analyzed with the existing levels of penetration found in Morris today: A summer peak case, daytime minimum case, and absolute minimum case with all solar DER turned off.

Due to the already high penetration level of DER at the University of Minnesota in Morris, which is served from feeder '7434R4' out of the Morris NE Substation, a common violation identified throughout all three adoption scenarios was overvoltage due to the amount of localized generation being added. The magnitude of overvoltage was worsened as the systems demand profile lowered from peak to daytime minimum, for example. Additionally, as the system loading dropped to either daytime minimum or absolute minimum levels, we began to see increased violations for reverse power flow at the substation breakers. This could be a future concern for Otter Tail to keep an eye on as we have a number of legacy distribution protection systems within our service territory that were not built and rated to handle large amounts of bi-directional or reverse power flow.

The overvoltages and reverse power flow at the substation are still fairly minor within these base case scenarios and are only identified under certain cases with specific system criteria.

Medium Penetration Scenario

During internal discussions to determine the three levels of adoption, it was decided that the city of Morris is already nearing a medium level of DER penetration today. Therefore, Otter Tail decided that the medium DER adoption level would see only a slight increase of 320 kW from base case to an aggregate total of 4.25 megawatts, whereas the medium EV adoption cases would jump up more dramatically as we anticipate decent growth in EV related load in the near future given various incentive plans and government funding programs. The increase from the base EV adoption levels to the medium cases was an additional 23 L2 chargers and 4 DC Fast

Chargers, which brought the total number of aggregate EV chargers in town up to 30 L2 chargers and 5 DC Fast Chargers.

There was not a significant shift in the medium DER Cases from the base case results, simply because there was only 320 kW of additional DER added to the model in each scenario which is less than 10 percent of the existing levels of DER currently active in Morris today. However, it was clear that the additional generation, particularly when added to the already saturated University of Minnesota Morris feeder or the long, rural single-phase segments, did worsen the overvoltage magnitudes at both the midline and endline points when compared to the base case results. In addition, any criteria violations that were found for the medium DER cases were limited to the same feeders and locations within town as were identified in the base case analysis.

From the primary distribution standpoint, the medium EV charger scenarios did not lead to many criteria violations for Otter Tail's Area Electric Power System (EPS). However, the cases where the EV charger load was added, in full, to the long, rural, single-phase Morris NE feeder 7434R3, there were significant midline and endline undervoltage criteria violations as well as overloaded segments of conductors identified. This is due to the voltage drop caused by larger loads on long, rural feeders as well as the smaller conductor sizes and types used for rural feeders generally.

Based on these results, as well as the results highlighted below in the High Penetration Scenario results section, it can be assumed that the smaller, more rural communities within our service territory may require conductor upgrades and/or additional voltage regulation devices in the event they begin to approach even a medium level of EV charger adoption in the future.

High Penetration Scenario

The high-level scenarios include large increases in both the aggregate DER and EV chargers throughout town to get a better sense of what the common dangers or violations are that Otter Tail could likely anticipate due to increasing levels of penetration across the service area. First, for the high penetration DER scenarios the aggregate nameplate DER in town was increased to six megawatts, which is more than two megawatts above the existing penetration levels of Morris today. Morris has a peak load of ~18 MW so with six megawatt DER nameplate value for Morris DER penetration would be around 33 percent. Similarly, for the high penetration EV scenarios the aggregate number and type of chargers grew to a total of 50 L2 chargers and 12 DC Fast chargers to be allocated throughout the town.

This scenario is where the largest number and magnitudes of segment overvoltages and reverse power flow violations occurred, particularly on the more lightly loaded long, rural NE substation feeder '7434R3'. Out of the 21 total high level DER scenarios that were analyzed, 14 of them (67 percent) resulted in overvoltage violations, 10 of them (48 percent) resulted in reverse power flow violations at the substation breaker, and seven of them (33 percent) resulted in both violations simultaneously.

Of these cases, the most egregious criteria violations identified were extremely high overvoltages along the midline and endline points of 7434R3, the long, rural NE substation feeder, which

experienced voltages as high as ~1.25 per unit on a 120V base or ~150 volts (ANSI Range A criteria: 114 – 126 V). This can lead to major equipment damage and power quality concerns if it is not appropriately planned for and mitigated. The only high level DER cases which did not see reverse power flows at the feeder head were the cases which solely involved the Morris South 115 kV substation due to the lack of existing DER penetration on that substation today and the summer peak demand cases which did not involve the University of Minnesota Morris feeder as the other feeders have a low enough penetration level of DER today to avoid large instances of overgeneration and reverse power flows.

Based on the results above, Otter Tail's biggest concerns regarding high penetration levels of DER would be locational overvoltage violations, unintentional islanding concerns as the system(s) aggregate nameplate generation to load ratio approaches and begins to surpass two-thirds or ~67 percent,[2] and reverse power flows back to the transmission system through older, legacy distribution systems which were not built for heavy bidirectional power flows.

Similar to the medium EV cases above, these scenarios highlight the same types of criteria violations, only more exacerbated than under the medium EV adoption scenarios. The main concerns that were identified through these cases were undervoltage violations along the midline and endline segments as well as thermally overloaded conductor segments on or near where the EV Chargers were placed within the model. This was especially apparent on more heavily loaded feeders and the longer feeders with lower thermal ratings, such as the Morris NE Substation feeder, 7434R3. Out of the 17 total high level EV cases that were analyzed, six of them (35 percent) resulted in either an undervoltage violation, a thermal overload violation, or a combination of the two. Primary conductor upgrades would be Otter Tail's main mitigation strategy for these types of violations. It will be beneficial for Otter Tail to keep an eye on the more densely populated towns going forward as multiple EV chargers interconnected along a main downtown segment of conductor could quite easily cause overloading especially on some of the more legacy built systems, in particular.

Secondary Thermal Analysis for Residential EV Chargers

As mentioned, the criteria violations outlined above are on the primary distribution side, but Otter Tail does also have concerns with future medium or high levels of residential and community-level Electric Vehicle adoption in regard to secondary system thermal overloads and equipment damage risks. This section outlines the secondary impacts from increased EV adoption.

Otter Tail does not currently model the secondary distribution systems as we currently lack the necessary access to granular, customer-level power flow data to make the secondary modelling

[2] Ropp, M. and Ellis, A. (2012) *Suggested guidelines for assessment of DG UNINTENTIONAL ISLANDING RISK - energy*, *SANDIA REPORT: Suggested Guidelines for Assessment of DG Unintentional Islanding Risk* (https://energy.sandia.gov/wp-content/gallery/uploads/SAND2012-1365-v2.pdf).

effective and useful. Otter Tail's planned rollout of Advanced Metering Infrastructure (AMI) technology will grant us access to large swathes of detailed customer-level data which will allow the distribution engineers the ability to model the secondary systems accurately and effectively throughout the entire service territory. As mentioned above in Section 7.C, Otter Tail does not anticipate a large level of electric vehicle adoption in the short-term, however, we are still very interested in what future concerns may arise on the secondary distribution systems as levels of residential EV chargers continue to increase. Therefore, a basic secondary thermal analysis was performed by a third-party consultant to better understand the potential future impacts of residential EV growth when compared against our most common overhead (OH) and underground (UG) service transformer sizes and secondary conductor types that were used to perform this analysis, shown below in Table 8.

The scope of this analysis was to increase the number of L2 EV chargers, modeled at an average load of 9.8 kilowatts, located at residential service transformers throughout town until a secondary thermal overload violation was observed, whether that be an overload of a service transformer or a secondary conductor.

Table 8 – OTP Default Design – Residential Class

Transformer Type	Transformer kVA	Voltage	OH Service Conductor (Min Size)	UG Service Conductor (Min Size)	Maximum Customers
Conventional	10	120/240	#4 Al OH TriPlex	1/0 Al UG TriPlex	2
Conventional	25	120/240	1/0 Al OH TriPlex	1/0 Al UG TriPlex	6
Conventional	50	120/240	3/0 Al OH TriPlex	4/0 Al UG Triplex	10
Padmount	15	240/120	1/0 Al OH TriPlex	1/0 Al UG TriPlex	2
Padmount	25	240/120	1/0 Al OH TriPlex	1/0 Al UG TriPlex	6
Padmount	37.5	240/120	3/0 Al OH TriPlex	1/0 Al UG TriPlex	8
Padmount	50	240/120	3/0 Al OH TriPlex	4/0 Al UG Triplex	10

Based on the analysis and with the amount of customer data currently available today, Otter Tail was able to determine the maximum number of residential L2 EV chargers that a commonly sized residential household, depending on service transformer size, could add before an overloaded transformer or secondary conductor was observed. The analysis assumed a residential load of two kilowatts per customer in addition to any L2 EV charger load.

Table 9 below details the number of residential L2 EV chargers able to interconnect to each of Otter Tail's default service transformer sizes.

Table 9 – Residential L2 EV Chargers – Secondary Thermal Analysis

Transformer Type	Transformer kVA	Maximum Customers	Max L2 Chargers Before Transformer Overload*
Conventional	10	2	0
Conventional	25	6	1
Conventional	50	10	3
Padmount	15	2	1
Padmount	25	6	1
Padmount	37.5	8	2
Padmount	50	10	3

***This is the number of simultaneous L2 chargers in use by customers before transformer overloading is observed.**

The study shows that Otter Tail's smallest default service transformer size of 10 kVA will see continuous rating overloads given the normal customer load plus only a single L2 EV charger. All other default sizes larger than 10 kVA could handle at least one L2 EV charger, with our largest default residential size of 50 kVA being able to handle three L2 EV chargers simultaneously before thermal overloading (based on cont. rating) occurred. However, Otter Tail does allow short duration overloads of residential service transformers, therefore Otter Tail may allow more residential L2 EV chargers per transformer size than what is listed above in Table 9 on a situational, case-by-case basis.

This would be determined through additional data analysis, based on the amount of existing peak demand present at each service transformer prior to deciding whether or not Otter Tail will allow an additional L2 EV charger to interconnect to that service transformer.

Accommodating Future Adoption of DER and EV Chargers (Tools and Processes)

Based on the results of this study, Otter Tail has determined that due consideration and potential future implementation of the following tools and processes may be necessary to accommodate increasing penetration levels of both DER and electric vehicles to interconnect within the company's service territory.

As mentioned previously, this study focused exclusively on the town of Morris, MN, a very unique town within Otter Tail's footprint, as it is on the leading edge of DER and EV penetration to date boasting the most aggregate DER within our Minnesota footprint at nearly four (4) MW. Although only a single system was analyzed, the goal was still to be able to shed light on some of the more

obvious or clearcut types of system concerns that Otter Tail could face in the near future with increasing levels of penetration. The main system issues identified in terms of increasing levels of DER were overvoltage violations near areas of higher generation density, particularly in cases with lighter loading. These cases with lighter system loading presented an increased risk of reverse power flow at the distribution substation, which could lead to system protection and safety concerns or potentially transmission-level concerns. Based on the study results, Otter Tail has identified the following key takeaways and may consider incorporating some of the following improvements to existing tools and/or processes in an effort to allow continued future adoption of DER throughout our service territory:

A. **Concerns begin to arise as DER penetration levels approach either ~50 percent of Peak System Loading OR ~100 percent of Daytime Minimum Loading (DML):**
    - **Voltage Impacts:** Consider and analyze the system(s) voltage regulation more intently
        - Voltage regulator coordination issues
        - Excessive switching operations (switch capacitor banks, voltage regulators, etc.)
    - **Reverse Power Flow:** Ensure new or upgraded distribution equipment is built to handle some level of bi-directional power flow.
B. **Types of Studies:** Utilize more time-based and dynamic transient analyses rather than only steady-state analyses as data becomes more granular and abundant with the rollout of AMI technology, due to the intermittent nature of many types of DER.
    - 8760 analysis (Hourly Profiles)
    - Voltage Flicker analysis
    - Harmonic analysis
    - Stability analysis
C. **Review Otter Tail's Internal Standards:** Ensure Otter Tail's internal design and interconnection standards regarding DER interconnections remain up to date and current with the ever-evolving DER landscape.

In addition to the above concerns, Otter Tail also views unintentional islanding as another growing risk for our rural service territory as demand levels plateau and levels of DER continue to rise. Through work with various third party consultants and industry experts regarding risks of unintentional islanding, Otter Tail has learned that a large factor when considering the potential to create and sustain an island is when the aggregate generation to load ratio on a given circuit begins to exceed two-thirds (67 percent).[2] Therefore, with a large portion of Otter Tail's Minnesota communities being smaller and more rural in nature, we can anticipate seeing an increase in unintentional islanding concerns even prior to experiencing what some might consider a medium or even high level of DER penetration simply due to the lightly loaded nature of our more common distribution systems. The industry as a whole, including Otter Tail, continues to work on and focus efforts towards better understanding the impacts of unintentional islanding as well as finding the best mitigating solutions to ensure safe and reliable

service well into the future. In fact, Otter Tail plans to attend a Distributed Generation Working Group (DGWG) Technical Subgroup (TSG) with other Minnesota utilities in an effort to better understand causes for unintentional islanding, the associated risks of having an unintentional island form, and finding the most effective mitigating solution to prevent unintentional islanding in the future.

In terms of Electric Vehicle adoption, the main issues identified were localized thermal overloads and low voltage violations on both the primary and secondary electric services. Another concern that Otter Tail has yet to face, but is aware of due to information previously gained by other utilities with higher levels of EV adoption currently, is the shifting of daily peaks and demand profile curves due to the customer(s) differing daily charging habits and utility rate plans regarding Time of Use (TOU) rates or otherwise. Otter Tail will be able to glean more details and additional risk information regarding high levels of community adoption as penetration levels continue to increase for both us and our larger neighboring utilities.

Based on the study results, Otter Tail may consider incorporating some of the following upgrades/updates to existing tools and/or processes in an effort to allow continued future adoption of electric vehicles throughout our distribution footprint:

A. **Default Design Criteria:** Evaluate OTP's smallest default conductor and transformer design sizes to ensure a single EV addition does not lead to costly system upgrades.
    - Note Otter Tail does keep a stock of 10 kVA overhead transformers today for sites such as field pumps, road lighting, etc. However, Otter Tail has already made an adjustment to not place 10 kVA units, but rather 25 kVA units, at residential locations.
B. **Location Specific Thermal Loading Impacts:** Anticipate and design the local distribution system to be capable of handling multiple EV's and charging infrastructure at subdivisions, apartment buildings, town houses, etc.
C. **Voltage Impacts:** Voltage support considerations near more densely populated electric vehicle charging locations
    - Voltage Regulators
    - Fixed Capacitor Banks
    - Conductor Uprates
    - Dynamic reactive device (e.g., SCBs, D-VAR VVO STATCOM, etc.)
D. **Review Otter Tail's Internal Standards:** Ensure Otter Tail's internal standards and rates involving electric vehicles remain current and up to date when compared to similarly sized utility companies.

Conclusion and Final Takeaways

As mentioned above, one main takeaway identified through the early results of this study was the negative localized system impacts that can come from areas of more densely populated distributed generators or electric vehicles. These increasingly location-specific issues and concerns can range widely from overvoltage and reverse power flow to undervoltage and

thermal equipment or facility overloads on the primary or secondary systems with a medium or high level of DER or electric vehicle penetration, respectively.

Otter Tail will continue to monitor and evaluate both statewide and national standards as well as EV and DER growth rates in Minnesota and across the nation with the goal of using the data to help anticipate and hopefully proactively mitigate system violations that could arise in the near future due to the increasing rates of adoption. EV penetration specific to Otter Tail is lagging compared to metro area utilities. As discussed previously, due to our current lack of customer level data and secondary modeling detail, this study was only meant to be an initial, high level analysis to help Otter Tail begin identifying the most likely "low hanging fruit" types of issues that could impact the electric system's health and reliability as well as hinder Otter Tail's ability to add additional distributed generation and increase the number of electric vehicles and public EV charging stations throughout Otter Tail's service territory into the future.

Lastly, with the company's planned rollout of Advanced Metering Infrastructure (AMI) and as data becomes more abundant, readily available, and accurate at the customer level, Otter Tail will have the ability to study the system more accurately down to the secondary level.

7.D Feeder Minimum Loading Levels

One approximation used for determining available interconnection capacity is to review minimum feeder loading levels. Of course, this is certainly an approximation and true interconnection impacts can only be determined through actual planning studies. In addition, when Otter Tail reviewed the minimum feeder or substation loading reports, many reported a loading of 0 kWs. This can be due to outages and normal maintenance switching where the substation or feeder monitoring device may have been out of service. Because of this, the table in Appendix A shows the minimum "non-zero" loading level between daytime hours.

Appendix A shows column headers of month, day, and substation name. The months are numbered 1 through 12, and the days of the month are numbered 1 through 31 for the 2022 calendar year. The units used throughout the Appendix are kilowatts (kW).

7.E System Loss Analysis

Otter Tail completed its most recent loss analysis in 2020 using 2019 data. From this analysis, energy losses on Otter Tail's distribution system are estimated to be 4.50 percent. This comes from losses analyzed starting from the distribution substation transformer to the primary distribution system to the secondary distribution transformer and finally to the secondary distribution system.

Substation metering data for the Otter Tail system from 2019 was aggregated to determine the energy delivered to the distribution system. Likewise, the retail metering data at customer locations was also collected for the same timeframe to determine the amount of energy delivered to customers. The difference between the customer metering and the distribution substation metering represents the total losses on the distribution system.

8. FINANCIALS

The following financial information is based on Otter Tail's capital budget forecast (approved December 2022 for years 2023–2027) as well as actuals through December of 2022.

8.A Historical

Within Otter Tail IDP requirements, historical distribution spending is to be broken down into the following categories:

a. Age-Related Replacements and Asset Renewal
b. System Expansion or Upgrades for Capacity
c. System Expansion or Upgrades for Reliability and Power Quality
d. New Customer Projects and New Revenue
e. Grid Modernization and Pilot Projects
f. Projects Related to Local (or Other) Government Requirements
g. Metering
h. Other

Each year, Otter Tail executes construction projects categorized within the funding classifications shown above. The process for the identification of projects was described earlier, in Section 4. For clarity, the types of projects included in each of the categories are described below.

Age-Related Replacements and Asset Renewal

This budget is used for planned or proactive work to replace aged and failing infrastructure field crews, engineers or other stakeholders have identified. This work is evaluated by engineering staff to assess risk and priority. This includes the program spending briefly discussed in Section 3 (i.e., underground replace, pole replace, etc.). As shown by the numbers in the tables below, this category makes up the largest portion of the distribution budget.

System Expansion or Upgrades for Capacity

This budget category represents any expansion to the distribution system. The types of projects include substation upgrades due to capacity drivers, voltage capacity upgrades, line upgrades due to voltage or amperage needs, upgrades to 3-phase from 1- or 2-phase substations, as well as conversions of distribution systems from 5 kV to 12.5 kV. This budget category generally has a low spend by comparison to others due to overall low demand growth.

System Expansion or Upgrades for Reliability and Power Quality

This budget includes projects that were generated primarily from reliability and power quality concerns and can include overhead (OH) to underground (UG) conversion projects as well as adding alternate feeds to the distribution system. In addition, this category also includes capital projects that were generated due to storms.

New Customer Projects and New Revenue
The work performed within the new load category includes projects such as building or installing new facilities to connect new customers and upgrading existing facilities to serve expanding customers. This is the second largest budget annually for distribution spend behind Age-Related and Asset Renewal spend.

Projects Related to Local (or Other) Government Requirements
Relocation projects occur every year in cooperation with local and state government improvement projects. Many times, these projects require the construction of new facilities and the removal of old facilities to accommodate roads and infrastructure replacement and improvement. This budget is generally minimal but can swing widely based on requests.

Metering
Metering replacements and additions include residential, commercial, and industrial metering related material such as the meters themselves but also potential transformers (PTs), current transformers (CTs), and support hardware. Some of this budget is also used to maintain the manual meter information systems as well as purchase replacement assets for the load management system.

Grid Modernization
According to the Commission's definition "a modernized grid assures continued safe, reliable, and resilient utility network operations, and enables Minnesota to meet its energy policy goals, including the integration of variable renewable electricity sources and distributed energy resources. An integrated, modern grid provides for greater system efficiency and greater utilization of grid assets, enables the development of new products and services, provides customers with necessary information and tools to enable their energy choices, and supports a standards-based and interoperable utility network." With this definition, different projects could span the other definitions listed above as well. For example, a replacement project may include a reconductor of a line, which also makes the system more efficient. Though it may meet the definition of grid efficiency, its primary objective was replacement. Another example may be Otter Tail's new customer information system, which provides future flexibility for customers to have more energy choices. However, those spends are not even listed within the distribution budget and thus are not included in this report.

Some of the projects Otter Tail has included within this budget are as follows: LED street lighting upgrades, EV charging station infrastructure, AMI, OMS project, and the load management upgrade.

Other
The last category is somewhat of a catch-all and includes the following: billable projects, tools, etc.

Table 10 shows Otter Tail's historical spend in Minnesota for the categories described above.

Table 10 – Historical Distribution Spends for Minnesota

Category[3]	2018	2019	2020	2021	2022
Age Related/Asset Renewal	$3,987,317	$4,208,275	$4,960,670	$7,626,421	$8,354,640
Capacity Upgrades	640,579	1,020,909	408,238	344,710	107,012
PQ & Reliability Upgrades	605,066	885,530	886,530	2,093,766	6,207,152
New Customer Projects	6,357,358	5,495,608	5,429,448	6,427,394	6,321,997
Grid Mod & Pilot Projects	695,274	758,179	1,831,678	2,563,237	5,576,858
Projects Related to Local Gov Req.	184,657	215,958	493,196	481,003	437,306
Metering	97,762	503,665	498,749	417,895	223,003
Other	97,613	9,568	261,717	(109,192)	238,280
Grand Total	**$12,665,626**	**$13,097,692**	**$14,770,226**	**$19,845,234**	**$27,466,248**

8.B Forecasted

Each year, Otter Tail engages in the exercise of planning and documenting a five-year budget. Area Engineers, as well as the delivery maintenance department, predominantly create the distribution area budget. These roles were described in section 4, as well as some of the background to the planning process. The forecasted dollar figures are provided in the categories as required by the Commission in Table 11 below. It should be recognized the projects outside of those in 2023 which make up the spends below are forecasted and not approved spends. Future year spends are approved in December of the prior year of the forecasted project spends.

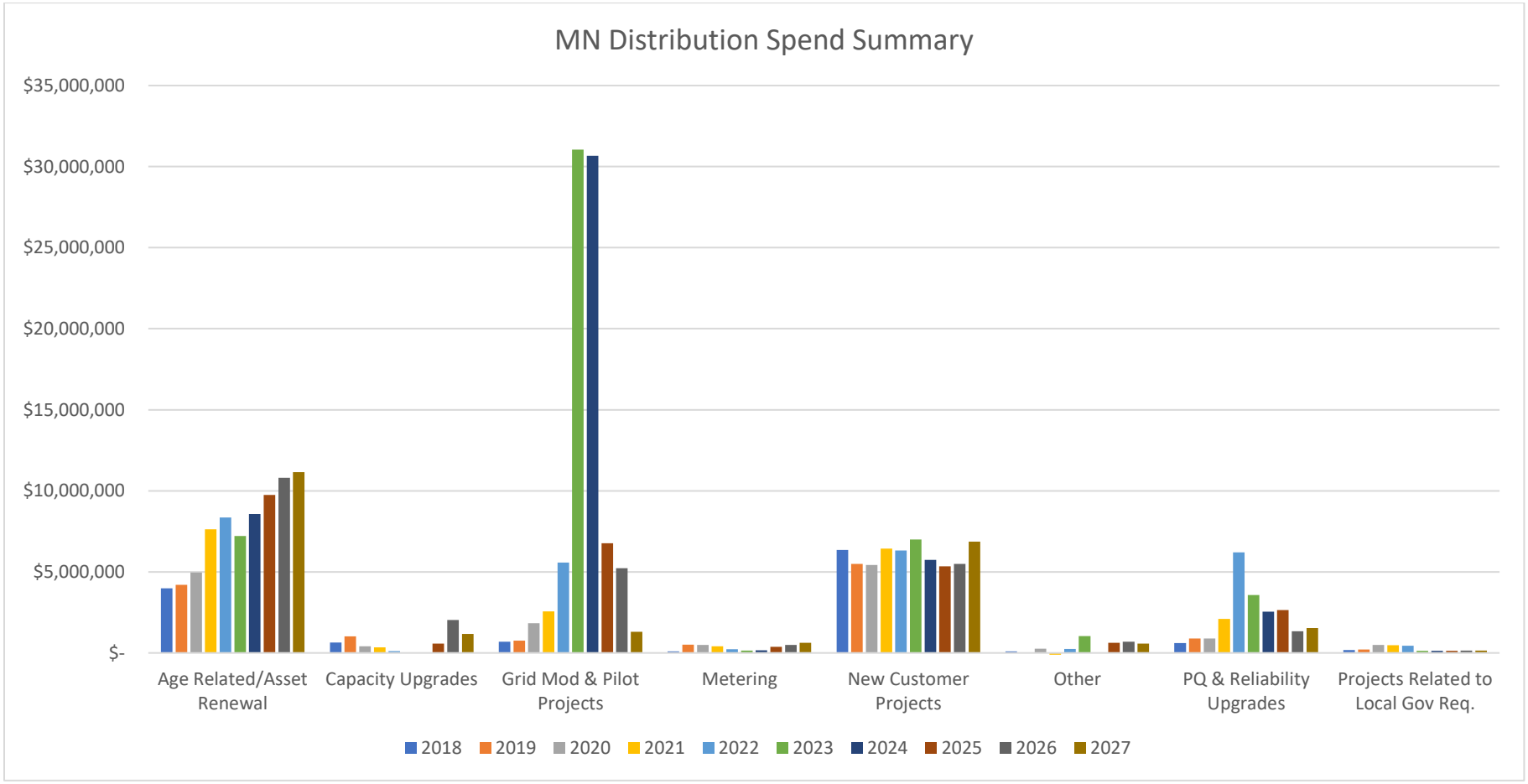
Table 11- Forecasted 5-year Distribution Spend for Minnesota

Category[3]	2023	2024	2025	2026	2027
Age Related/Asset Renewal	$7,211,500	$8,572,500	$9,752,500	$10,802,500	$11,157,500
Capacity Upgrades	-	-	570,000	2,040,000	1,172,000
PQ & Reliability Upgrades	3,566,090	2,539,273	2,647,548	1,335,924	1,530,000
New Customer Projects	7,001,667	5,735,000	5,340,000	5,500,000	6,865,000
Grid Mod & Pilot Projects	31,042,326	30,663,947	6,768,920	5,231,262	1,307,815
Projects Related to Local Gov Req.	130,000	135,000	137,500	142,500	147,500
Metering	150,000	162,500	375,000	500,000	625,000
Other	1,037,500	37,500	623,750	691,000	581,498
Grand Total	**$50,139,083**	**$47,845,720**	**$26,215,218**	**$26,243,186**	**$23,386,313**

To see the full list of projects in the upcoming five years, please refer to Appendix B. It should be noted that Otter Tail budgets on a 5-year cycle and for the purposes of a 10-year plan within the IDP, plans from 2028 and beyond do not have any specific costs associated with them.

[3] All costs specific to Minnesota. When system wide costs were not broken down by state or a part of larger programs (i.e. metering) a 50 percent allocator was applied to represent Minnesota only costs. Fifty percent is used because approximately half of company energy and demand use resides within Minnesota.

Figure J - Historical Spends & Forecasted Spends



8.C Non-Company Spends in the Distribution System – Billable

The capital spends listed below are what Otter Tail has classified as billable projects. These projects may have been a result of something such as a tractor or vehicle hitting a pole or a ditch fire that got out of control and damaged Otter Tail facilities. This would also include any costs where a relocation requires moving Otter Tail facilities in which Otter Tail has superior land rights and thus can bill the relocation costs back to the causer. Lastly, Otter Tail would also bill costs to customers that are requesting a change to facilities for their own benefit, which would have not otherwise been done through Otter Tail's normal course of business, such as a customer asking to have their overhead line buried. In addition, this category would include spends that were paid for by third-parties seeking to interconnect to the system.

Table 12 – Billable Distribution Costs in Minnesota

Category[3]	2018	2019	2020	2021	2022
Billable	$ 97,799	$ 8,808	$ 221,167	$ (135,733)	$ 217,749

9. GRID MODERNIZATION AND INFRASTRUCTURE ACTION PLAN

Otter Tail recognized the need and opportunity to improve service to customers through technology improvements around the 2016 timeframe and worked with a third-party consultant to identify a high-level road map of possible opportunities to move forward with. This included such projects as AMI, OMS, and Distribution SCADA. This road map was not a formal approval of any specific project but rather a review of Otter Tail systems in service at the time. The final report was provided to OTP in 2017. From there, Otter Tail recognized the value of these technologies and formalized the Innovation 2030 initiative in 2019.

Since that time, Otter Tail has spent the past several years evaluating and planning its approach to grid modernization as part of the Company's I2030 initiative. I2030 has three main objectives: 1) improve reliability and safety of the Otter Tail system; 2) improve customer engagement; and 3) improve business processes. Each of the projects and programs within the initiative contribute to at least one of the initiative's objectives. As part of the initiative, each project has been further evaluated and analyzed for its value to Otter Tail customers.

The projects and/or programs that Otter Tail has included within the I2030 initiative are as follows:

- Outage Management System (OMS) & Geographical Information System (GIS) data collection.
- Advanced Metering Infrastructure (AMI)
- Transmission and Distribution replacement programs as well as grid technologies. Summarized as System Infrastructure and Reliability Initiative (SIRI)
- Load Management Replacement Project also called Demand Response Management System (DRMS)

- Telecommunications backbone infrastructure
- Future – Work and Asset Management System (WAMS)

Otter Tail provides an update to the I2030 initiative and each of these projects below as part of the MN IDP Grid Modernization plans.

9.A Advanced Metering Infrastructure

Advanced Metering Infrastructure (AMI) is a foundational part of the I2030 initiative and will involve the deployment of the following infrastructure: 1) approximately 175,000 AMI meters, of which over 80,000 will be located in Minnesota; 2) local data collectors on a wireless radio Field Area Network (FAN) that will collect and transmit meter data back to Otter Tail; and 3) a head-end system and Meter Data Management System (MDMS) where data will be routed and stored, as needed, to facilitate automated meter reading and automated distribution control in the Company's provision of electric service.

Because of the remote readability of AMI, the project will reduce meter related costs (including meter reading) as well as the risk of safety incidents that are related to meter reading. Otter Tail's business case for AMI shows that our customers will see net savings over the 20-year life of the project. One of the most significant cost savings for the AMI project is the change from manually reading meters to reading meters via the AMI network. This change will allow Otter Tail to release our contracted meter reading services and reduce and repurpose the work our service representatives will perform. This change in work will make our employees more efficient and more capable of providing real time information to customers if a customer does call with an electric use question.

AMI and the FAN communications network will be a foundation for future grid modernization functions such as Voltage and Reactive Power (Volt/Var) optimization, communication to other distribution devices, or even automated system restoration. Integration of other software applications to AMI, will provide improved efficiencies for field personnel. For example, the AMI to OMS integration will improve overall outage assessment and restoration. Outages will be identified by AMI meters and reported automatically to the OMS system allowing outage crews to be deployed more efficiently, resulting in reduced outage restoration times. In addition, customers will receive outage notifications regarding estimated restoration time and progress updates, and predicted outages.

In no specific order, the summary of benefits for AMI include:

- development of new rates
- providing customers with enhanced services and choices
- improved efficiencies for field personnel and customer service personnel
- reduced meter related expenses
- improved outage assessment and restoration
- improved customer relationships by providing real-time data to customers
- reduced safety incidents due to meter reading, and
- other related benefits.

One key item that Otter Tail is assessing is the best use of all the new data that will be available. There is a recognition that more data does not always provide better information. Otter Tail will be completing analysis with the new information provided by AMI metering and will develop new business processes moving forward to best utilize the information. One specific example will be a review of a transformer loading report to ensure distribution transformers are properly utilized.

Otter Tail has included costs for mass deploying an AMI system starting in the 2023-2024 timeframe within Table 9 of forecasted costs. The entire AMI project has been further described in our EUIC filing, Docket No. E017/M-23-131. At the time of this report, Otter Tail is expecting to complete mass deployment of meters in the 2024 timeframe with some project close out activities occurring in early 2025.

9.B Outage Management System and GIS

Otter Tail went live with a new Outage Management System on December 18, 2022. This marked a big milestone in the way outages are managed and communicated with customers. As noted in prior reports and filings, Otter Tail did not have a formal Outage Management System prior to this go-live date. As part of go-live, an Interactive Voice Response (IVR) system was also deployed. The IVR allows customers to call in their outage and quickly relay that information into the OMS without the delays of a operator call handle. Thus far, call capture rates have been in excess of 80 percent which frees up phone lines during times of outages to ensure customers are able to communicate timely and effectively with OMS staff.

Though the system went live in December 2022, there are still numerous continuous improvement efforts that are ongoing to improve business processes and ultimately customer experience during times of outages. When the system went live, not all of the GIS collection effort was complete, so many network modeling assumptions were made. These network assumptions are better than no system at all but do lead to some inaccuracies. These inaccuracies highlight the value of the GIS collection project which is currently wrapping up. With that project completion, the OMS network model will be fully updated and largely free of errors.

In addition, Otter Tail is wrapping up the deployment of a Customer Experience Portal or CEP. The CEP interfaces to our CIS and our OMS and provides customers the ability to set preferences for a variety of communications related to outages, load control, viewing and paying bills, among other items. Previous survey results clearly suggested that electronic communications from OTP to customers were lacking (particularly outage information) and these new tools vastly improve our ability to share real-time information. The CEP just went live in Q3 2023 so we'll continue to enhance the tool as we gather feedback from employees and customers, although initial feedback has been very positive.

9.C Load Management System as part of a new Demand Response Management System (DRMS)

The current Otter Tail Load Management System (LMS) consists of a workstation-based master control system running on a virtualized Windows OS. The LMS master control system software is a Microsoft Windows based system from Comverge, Inc. The master control system is interfaced to the customer information system (CIS) to support the transfer and update of the controlled customer information. The master control system is also used to model various load control strategies to support the company's load control requirements. The current master control system is an antiquated system that is no longer supported by the vendor, which introduces limitations in terms of what new control strategies and functionality can be supported as well as concerns regarding the lack of security patches from an unsupported system.

The master control system is also used to facilitate control of approximately 40,000 field-based LMS receivers via an interface to an Otter Tail-owned voice radio system. The LMS receivers are assigned to control groups by controllable load type, allowing the master control system to control them on a group-by-group basis. Due to the significant latency inherent to the radio system, the group-based load control is necessary to ensure that control can be completed in a tolerable timeframe. Additionally, the current LMS is a one-way control system in that load control communications requests can be sent to the receivers, but the receivers cannot provide confirmation back that they received the control request.

As Otter Tail modernizes the grid, both advancements in metering and load management will be essential. As described above, there is an obsolescence need to put in a new load management system (both hardware and software) as the existing system is no longer supported and will not be able to offer the new rates and services that new systems can provide.

Otter Tail has taken several actions to move the replacement project, now branded as a Demand Response System, forward over the past several months. A Request for Proposals (RFP) for the DRS replacement system was released, and six responses were received in November 2022. The release of the RFP detailed Otter Tail's desire for the new DRMS to improve the performance, data tracking, reporting and reliability of the LMS as load management grows in importance within OTP's future Integrated Resource Plan.

Four main purposes of the existing program were outlined:

A. Reliability Dispatch – Reduce energy consumption for as long as needed to assist system stability and reliability issues. Reliability dispatch has the higher priority over economic dispatch or other customer service-related considerations.
B. Economic Dispatch – Shift energy consumption to less expensive periods to avoid using energy during highly expensive periods.
C. Customer Choice – Provide different load management options for customers to choose from based on their lifestyle and needs
D. Future market products or integrations – Spinning reserve, advanced data analytics, DERMS, etc.

Four main improvements are expected:

A. Risk Mitigation – Acquire and implement a load management solution that will meaningfully assist OTP with managing and mitigating risks related to their changing resource plan away from base load (coal) to more peaking plants and renewables. Provide OTP with better technology and data to improve their ability to confidently bid into the market (MISO).
B. Improve Customer Experience – Acquire and implement a load management system that improves the customer experience with load management including the enablement of cost savings, choice, reduced lifestyle impact, and easier implementation.
C. Improve Employee Experience – Acquire and implement a load management system that improves the employee experience with load management especially as it relates to making it easier for employees to configure, deploy, and maintain infrastructure while providing convenient options for better serving customers.
D. Adopt Human Centered Design (HCD) – OTP prefers that the new load management system incorporates HCD principles. The core design principles of human-centered design include a dedication to improving the user experience, reducing user frustration, and avoiding discomfort for end-users. Results should include products that are intuitive, easy to use, and show thoughtful features related to end user customers.

Otter Tail reviewed the responses in conjunction with a consultant and demonstrations were held in February 2023. Follow-up questions were posed to and answered by vendors in separate meetings. Best and final offers have been received for the remaining vendors of interest. Otter Tail expects to make its vendor selection by year end 2023. After submitting a successful concept paper for DRS, Otter Tail was invited to submit a full application for grant opportunities related to the Grid Modernization and Innovation Partnerships (GRIP) section of the 2021 Infrastructure Investment and Jobs Act. An award through this act would reduce overall project costs for Otter Tail customers. Otter Tail recently found out on October 18, 2023, that the application for GRIP funding was ultimately not selected. Otter Tail is planning to present this project for rate recovery review in the early 2024 within the EUIC rider filing.

Energy Conservation and Optimization

The following discussion regarding Brattle's Demand Response Potential Study performed for Otter Tail was included in the Company's 2021 IDP filing. Otter Tail has not updated the study since 2020, however, based on Brattle's forecast and the Company's continued operation of its demand response portfolio, the Company believes the overall findings of the study are still applicable today and into the near future.

Otter Tail contracted with Brattle in 2020 to perform a Demand Response (DR) Potential Study for Otter Tail's system. This study was included in Otter Tail's IRP filed in September 2021. To perform the study, Brattle used its LoadFlex model which was also used in Brattle's 2019 load

flexibility potential study prepared for Xcel Energy. Brattle studied the potential to increase Otter Tail's existing DR portfolio along with adding new DR products to its portfolio. Brattle evaluated each DR measure dispatched against an hourly forecast of marginal costs to determine value.

At a high-level Brattle found Otter Tail to have a large existing demand response portfolio which is actively utilized. Brattle states, "OTP's existing DR capability is in the top 10 percent of U.S. IOUs." Based on 2019 EIA-861 data Brattle found Otter Tail to be ranked at the 90th percentile in Peak Reduction Capability, 95th percentile in Residential Customer Enrolled in a DR program, and 90th percentile in Non-Residential Customers enrolled in a DR program.

Technical Potential

Brattle's study describes Incremental Technical Potential by 2036. Brattle defines Technical Potential as, "the maximum achievable potential irrespective of cost-effectiveness. It is incremental to OTP's existing DR portfolio." Brattle identified incremental technical potential for both summer and winter seasons. Most technical potential identified was by expanding Otter Tail's existing direct load control for Commercial and Industrial (C&I) customers. Other areas of large technical potential included offering more dynamic pricing to all classes of customers. These areas include, adding critical peak pricing rates (CPP) for residential, increasing C&I customer participation in the Company's existing CPP rate, and increasing C&I participation in Otter Tail Time of Use (TOU) rates. As a reminder, Technical Potential does not take cost-effectiveness into account.

Economic Potential

Brattle's modeling used for the "Base Case" assumes current Otter Tail resources and a 2020 forecast of MISO energy and capacity values. For evaluation of economic potential, Brattle set incentive levels at maximum cost-effective levels. The Base Case modeling found that system conditions do not appear to support the cost-effective addition of new DR programs. Avoided generation capacity investments are the primary DR value proposition. Regarding Economic Potential, the Brattle study concludes:

- Generation capacity avoidance is the key driver of DR value, and it is not currently an opportunity for Otter Tail,
- There may be isolated opportunities for geo-targeted distribution deferral; requires detailed analysis of distribution plan,
- Time-varying rates may be desirable as an option regardless, as they provide other benefits beyond avoided costs (e.g., equity, fairness, facilitating electrification).

Brattle also modeled a "High Value Sensitivity Case." The High Value Sensitivity Case assumes a need for capacity on the Otter Tail system and assumes higher capacity prices. This scenario was not based on any Otter Tail forecast, but instead an analysis to what strategies Otter Tail would target if there was a capacity need and if capacity prices were higher. Based on these assumptions the analysis did identify several cost-effective new DR opportunities. The opportunities identified mostly consisted of Otter Tail utilizing its CPP and TOU rate offerings to enroll a greater number

of large and medium C&I customers. Lesser opportunities identified included expansion of its large C&I interruptible program and CPP for residential customers.

While the Brattle study did not identify any cost-effective DR opportunities, the Company continues to have a strong commitment to DR. The Company understands its existing and robust DR portfolio is important to system planning and providing low-cost energy and capacity to its customers. Otter Tail continues to actively market its DR programs to its customers to recruit new customers, and to also maintain the existing customers' controllable loads.

Otter Tail is excited about the future possibilities of DR. The Company's ongoing multi-year Automated Metering Infrastructure project combined with its plan to update its aging load management system will prepare the Company for the future when it will be better equipped to strategically control DR loads and thoroughly evaluate and offer additional dynamic pricing plans.

Conservation

On May 25, 2021, Minnesota Governor Tim Walz signed the Energy Conservation and Optimization Act of 2021. This legislation modernized Minnesota conservation policy by adding new opportunities and setting higher conservation goals. The ECO Act increased the annual energy savings goal for public electric utilities, from 1.5 percent of retail sales, to 1.75 percent of retail sales, based on a rolling three-year average of weather normalized sales. The Company's proposed 2024-2026 ECO plan complies with all regulatory requirements, and includes an annual energy savings goals at or above 3.0 percent each year. Otter Tail's recently filed Minnesota IRP includes an average annual energy savings of 1.86 percent, which exceeds the newly established 1.75 percent goal in the ECO Act of 2021.

On August 1, 2023, Otter Tail filed its 2024-2026 Energy Efficiency Partnership Triennial Plan (EEP) with the South Dakota PUC. The EEP set forth several conservation goals including over 7.9 million annual kWh savings and over 1.4 MW of annual coincident demand savings. As previously noted, conservation programs benefit customers in all three states served by Otter Tail by reducing our energy and capacity needs and reducing the costs of providing service to our customers.

9.D Telecommunication Architecture Plans

Telecommunications is a key part of enabling future Grid Modernization applications and as such, Otter Tail has developed a telecommunication backbone strategic plan. In addition to the information below, Otter Tail's AMI plan will enable a robust Field Area Network (FAN) for meter to collector communications. This same FAN is designed for communications to future intelligent distribution devices, beyond just AMI meters as well. This could include communications to cap banks, reclosers, regulators, fault detectors, etc. That said, this section of the IDP focuses on Otter Tail's backbone communication plans.

The current Otter Tail telecommunications backbone architecture is comprised of a combination of nonredundant microwave systems and approximately 60 to 70 percent leased circuits from local and regional telephone companies. The current microwave systems are linear non-

redundant segments, at capacity, and the hardware platforms have reached end of life causing availability, reliability, and security concerns. Neighboring utilities leverage the Otter Tail aged microwave system to provide various services, reducing critical infrastructure dependency on public services to operate the bulk electric system. Otter Tail currently relies on leased services to provide business, industrial network, and interpersonal communication services throughout most of its service territory.

The existing microwave backbone is broken into 4 main segments including the West Central MN, Northern MN, Southern MN/SD, Northern ND, and Central ND systems. These microwave segments are heavily integrated with and dependent on neighboring utilities to provide SCADA, protection relaying, and voice/data grade services for field operations. As mentioned, the current system is at end of life and end of support as well as becoming increasingly congested due to bandwidth limitations. For example, the radio hardware support 45Mbps near Fergus Falls, MN and decreases significantly as the systems extend beyond the corporate headquarters whereas business needs have increased beyond this capacity (i.e., 100 Mbps). From a security standpoint, the remote management is at end of support leaving security concerns with no additional security patches being developed for known vulnerabilities.

To mitigate the issues identified with the existing microwave system, Otter Tail's telecommunication strategy is to establish a backbone fiber communications infrastructure to meet the future connectivity requirements of the business as well as security needs now and into the future. Strategies to execute this vision at as low of a cost as possible for customers includes partnering with planned Otter Tail transmission projects to include optical ground wire (OPGW vs traditional static wire) as well as outreach to neighboring utilities and telecommunication companies for strategic partnerships. The backbone infrastructure will include a series of connected sites, grouped to form loops, for the use of all business applications. These loops will provide redundant, reliable, and scalable communications.

Though not all details of the vision have been fully defined, early projects have been developed and forecasted in the 5-year plan. The long-term plan is estimated between $30M-$50M (system wide) over the course of the next 15 years. This is subject to continued evaluation of feasibility as more research is completed. These projects have been well defined and are critical to the replacement of the Microwave system as well as leverage existing fiber/OPGW investments that have already been completed from CapX 2020 projects and other transmission rebuild projects.

The telecommunication backbone strategy transport network will have a direct impact on reliability with the following enhancements.

- Looped infrastructure
- Response time to repair
- Coordinated maintenance window activity
- Prioritization of critical services
- Low latency – No congestion

- Deterministic services – Ex. relay protection circuits
- Vendor supported hardware/software

The system will be constructed and operated with network cyber security in the forefront with the ability to scale to future security needs. Security best practices will include reoccurring patch management, remote management, encryption, and asset monitoring. The asset configurations will be commissioned in alignment with internal cyber security processes and measures to ensure baseline security policy enforcement and allow for future NERC regulation changes.

In summary, the near-term telecommunication plans are critical to the retirement of the existing Microwave system, high third-party costs, and enabling existing fiber installations. Otter Tail will continue to develop and refine the long-term telecommunication backbone strategy related to the distribution system and will include updates in future reports. The AMI FAN communications network will play a big role in the future distribution system telecommunication backbone implementation.

9.E System Infrastructure and Reliability Improvement Initiative

In Otter Tail's 2019 filing, we introduced our System Infrastructure and Reliability Improvement Initiative (SIRI). SIRI focuses on the transmission and distribution system throughout the entire Otter Tail system and addresses aging infrastructure plans, as well as preparing for future system needs and technology. At the core of the initiative is leveraging data to drive business decisions related to spending plans. Today's data sources include GIS data, breaker reports, reliability metrics, load data, and inspection reports. These are reviewed and inform the programs below. In addition, these data sets, and future data sets (i.e., AMI, GIS, OMS) will continue to improve and better inform system planning business decisions.

Asset Health Programs

Previous IDP reports framed up the need for additional spending within both overhead distribution systems as well as Otter Tail's underground distribution system. The report walked through historical installations and replacement trends, average expected life, and estimated future spending needs. As shown in section 8, Financials, the 5-year forecast includes added spending related to age-related replacement programs and is the primary area of spend within the IDP. In this year's report, we highlight the main replacement programs that comprise the age-related spend within the forecast.

For each of the spending programs listed below, the attribute information captured during the GIS data collection effort described in section 9.B will help refine spending decisions.

General Distribution Replace

This budget is developed and funded annually to address very near term and urgent failing components. Replacement spending is used for any immediate risk to safety and reliability. The following items are examples of projects that are included within the Replace budget:

- Failed or tipped insulators
- Distribution transformer replacements
- Decayed/Damaged poles
- Frayed conductor
- Failed or weeping transformers
- Failed substation components

Projects funded from this budget are generally not identified years in advance. Instead, the budget is used for one-off replacement items that are identified throughout the year from visual inspections from field personnel.

Underground (UG) Asset Replacement

Otter Tail has a large influx of 1970s vintage underground cable which is past its useful life which was highlighted in previous IDPs. In addition, unjacketed, #2 Aluminum, Ridge-Lock, and flat strap cable are all past useful life and in need of replacement. To replace this cable and other failing underground cables, the annual UG replacement budget has been created. This budget is specifically for replacement of existing UG assets; largely UG cable. However, there are times when some of the end point replacements may be warranted and included in the budget as well.

To prioritize the replacement spending, asset engineers at Otter Tail utilize the following criteria:

- Prior record of cable failures, historical reliability
- Cable vintage and neighboring performance
- Cable type
- Soil conditions
- Looped line vs radial line
- Constructability and/or access concerns
- Customers impacted

Otter Tail has a goal to replace the at-risk cable identified for this program by the end of 2035.

Distribution Substation Replacement

This budget is designed for overall condition failures of substations and associated equipment. As stated in section 6, Otter Tail has 177 distribution substations in Minnesota system which are the start of the distribution delivery system and a key component of ensuring reliable service. Ensuring these substations are safe and reliable is a core part of the age-replacement spending plans.

Projects within the budget include the examples below:

- New rock or new fence to ensure access to substation is secure
- New foundations
- Substation access work
- Complete substation rebuilds

In addition to the same prioritization items noted as part of the UG program, the substation program also has additional weight placed on removal of Carte transformers. These transformers have been failing prematurely and lead to long extended outages for customers and are a priority to replace. The replacement generally requires a full substation rebuild as the Cartes were light and situated on poles whereas new, more reliable transformers, are heavier and require a ground substation design.

Distribution Overhead (OH) Replacement

The last large program within the distribution age-related spend category is overhead (OH) asset replacements. Each year Otter Tail engineers assess the health and reliability of overhead distribution lines falling into the following SIRI categories:

Strategic OH to UG projects

The SIRI Overhead to Underground (OH to UG) Line Conversion Program is intended to improve reliability and system performance by proactively replacing poor performing and/or hard to access overhead line sections, with new UG cable infrastructure. Oter Tail has several OH lines serving mature neighborhoods that are prone to outages and have little or no access without damaging customer property.

To prioritize the OH to UG spending, asset engineers at Otter Tail utilize the following criteria:

- Safety concerns
- Limited access for outage restoration
- Limited access for routine vegetation management and maintenance
- Historical Outage History
- Number of Customers impacted, priority on higher # of customers impacted
- Ability to install new UG infrastructure from back lot lines, to front of lot or road

Porcelain Cut-out Replacement Program

The SIRI Porcelain Cut-Out Replacement Program is intended to improve safety, reliability, and system performance by changing out distribution class porcelain cutouts to polymer cutouts, installing wildlife protection on poles and distribution equipment, and inspecting/tightening electrical equipment connections along selected distribution feeders. Legacy porcelain cut-outs have a history of failure in the field that cause safety and reliability concerns. Otter Tail has a goal to replace all porcelain cut-outs by year-end 2030.

Distribution Pole Replacement Program

The SIRI Distribution Replacement Program is intended to improve safety, reliability, and system performance by first Ground Line (GL) testing poles, and then replacing identified reject distribution poles that do not meet strength tests. New pole replacements also include cross arm replacement, insulator replacement, upgrading porcelain cutouts to polymer cutouts, installing wildlife protection on poles and associated distribution equipment, and replacing electrical equipment wire and connections along selected distribution feeders. Otter Tail has a goal to inspect 7 to 10 percent of the wood pole fleet annually as part of this program.

Technology Programs

The following programs below highlight the various distribution technologies Otter Tail is deploying and/or exploring to better serve our customers:

S&C Trip Savers and Siemens Compact Modular Reclosers (CMR)

Throughout the distribution system, primary distribution lines are "tapped" to create lateral deliveries to customers. Each of these primary "taps" is fused such that a permanent fault on the lateral tap does not affect the entire distribution feeder. However, when coordinating with substation reclosers, the fuses are generally set on the Otter Tail system to withstand a quick reclose at the substation level. This means for a lateral tap transient fault, all customers on the feeder will see a temporary fault vs the desired lateral tap only seeing the transient fault. This is called a fuse saving scheme as it allows the lateral tapped fuse to remain in service during a transient fault.

To eliminate the transient fault observed by the entire feeder in a fuse saving scheme or rolling a truck to replace a fuse in a fuse blowing scheme, Otter Tail is investigating the placement of single phase electronic reclosers throughout the distribution system in lieu of fuses. Currently, Otter Tail has deployed approximately 32 of these devices and we are monitoring performance and adjusting business practices internally for the technology. The benefit to customers from this technology is better coordination within the distribution system which leads to less momentary interruptions in fuse saving schemes and less truck rolls and sustained interruptions in fuse blowing schemes.

Pending the reviews of these initial deployments, additional units will be deployed.

Electronic Reclosers

Otter Tail currently has around 750 reclosers across the entire distribution system. These are generally in the distribution substation with another handful of downline reclosers as well. All these reclosers are currently oil filled mechanical devices. Generally, oil filled devices require more maintenance than newer vacuum bottle technology devices. In addition, these devices are very rigid in terms of their trip settings.

Over the past few years, the industry has started to shift to electronic reclosers both from a maintenance improvement standpoint as well as improved protection. In addition, electronic reclosers provide engineers with much more overcurrent coordination flexibility, system data such as fault distances, load levels, voltage magnitudes, harmonic content, etc. which can be used to better plan and assess the health of the system to ensure optimal reliability for customers. Otter Tail engineers are currently investigating various vendors and evaluating a shift from the current oil filled recloser to a vacuum, electronically controlled, recloser. Three of these are set to be deployed in 2023 as part of the evaluation process. These types of reclosers also offer future opportunities for Grid Modernization applications such as FLISR by using the AMI FAN to communicate data and status back to Otter Tail for analysis.

Line Sensors

To better respond to outages on the distribution system when they do occur, especially in complex distribution systems, line sensors can be used to locate a fault. Historically, Otter Tail has used LED indicators located on strategic sections of distribution line to help identify fault locations. These devices are valuable and will continue to be a part of the technology fleet that our engineers use to create a resilient system.

In addition to these LED fault indicators, more advanced line sensors are being deployed and evaluated. These line sensors can be connected to the cellular or Field Area Network to report additional information to engineers and field staff for troubleshooting and root cause analysis. Data such as waveform shapes and amperage can be reported and dissected to understand what caused the fault and pinpoint repairs; especially in transient faults where the cause is less evident.

9.F Other Grid Modernization Plans

In addition to the Grid modernization plans provided under the I2030 portfolio, Otter Tail provides the following projects that fit various definitions of Grid Modernization as well.

Company-Owned Street & Area Lighting

Otter Tail provides illumination services to 161 Minnesota communities and other customers through Company ownership, operation, and maintenance of approximately 19,677 street and area lighting fixtures. After approval of its plan by the MPUC and the Department, the Company changeout all Minnesota Company-owned High Intensity Discharge (HID) street and area lighting fixtures to LED technology from 2018 through 2021. In summary the LED projects realized annual first-year energy savings of over 12 million kWh, resulting in over $3 million in net benefits for customers from avoided energy costs and lower operation and maintenance costs over the life of the lighting fixtures.

The LED Street Lighting project was very successful. Customers have overwhelmingly expressed comments appreciating the new modern look LED lighting brings to downtown areas, as well as the cleaner and brighter lighting it provides to neighborhood streets and areas. With Minnesota complete, the Company is continuing its Company-owned, street and area lighting changeout plan to LEDs in its North and South Dakota service areas.

10. NON-WIRES ALTERNATIVES DISCUSSION

Otter Tail does not have any distribution projects within the 5-year forecast which are above the $2,000,000 threshold for non-wire alternative analysis. However, Otter Tail does have a longstanding history with utilizing non-wire alternatives through our demand response and ECO programs as discussed earlier. In addition, when Power System Operators observe transmission constraints on the system, they have the authority to use controllable load to bring the system within tolerances.

In addition to demand response and energy efficiency, Otter Tail is partnering with the University of Minnesota Morris to develop a utility-scale electrical battery in the distribution system within Morris. The project is jointly developed between The University, Otter Tail, and Open Access Systems International (OATI). The University of Morris has received two grants totaling over $2.65 million to start the project. Otter Tail did apply for federal funding dollars through the Infrastructure and Investment Jobs Act to pay for Otter Tail's portion of the project, but the federal Department of Energy stated our application was "not invited" to proceed further. The Company plans to make a recovery proposal to the MPUC to approve recovery of the battery project's costs which is estimated at approximately $2.1 million. While not all technical and operational details of the project are not known at this time, the goals for the project will be to understand how a utility scale battery can better utilize locally produced renewable energy, how the battery can provide additional benefits to the rest of the system throughout the greater Morris area, and for Otter Tail to gain a better overall understanding of utility-scale battery storage technology.

11. STAKEHOLDER INPUT

Otter Tail hosted a hybrid stakeholder meeting on September 15, 2023, for any stakeholder who wanted to participate in our Integrated Distribution Planning process. An invitation for the in-person meeting was sent out within Docket No. E017/M-23-380 on August 8, followed by an amended invite on September 6, that included a remote attendance option. There were no in-person attendees but there were a handful tuned in online. The entire presentation has been posted to the docket.

12. OTHER REQUIREMENTS AND INFORMATION

FERC Order 841 impacts

"FERC order 841 states that Independent System Operators (ISOs) and Regional Transmission Organizations (RTOs) must ensure that markets rules must allow the provision of services by energy storage resources. The order requires that storage resources are allowed to de-rate their capacity to meet minimum run-time thresholds.

The order states that "existing RTO/ISO market rules are unjust and unreasonable in light of barriers that they present to the participation of electric storage resources." These barriers, FERC said. "reduce competition and market efficiency…. Where such conditions exist, resources that are technically capable of providing services are precluded from competing with resources that are already participating in the RTO/ISO markets."

ISOs and RTOs will be required to propose participation models for FERC approval. Once they receive approval, they will have one year to implement them."

Otter Tail does not see any near-term impacts due to this FERC Order. Currently, Otter Tail does not have any electric storage on our system or anything within the interconnection queue nor

any battery storage within our recent IRP filing. However, as noted in earlier sections, Otter Tail does have a long history of providing thermal storage through various rate options. That said, thermal storage is not included within FERC Order 841. Otter Tail will continue to monitor the order and any subsequent impacts it may have on the system.

Lastly, for awareness, Otter Tail is including the list of grants that were applied for in 2023 through October. At the time of this report, Otter Tail was not a recipient of any grants:

A. Grid Resilience and Innovation Partnerships (GRIP) – DE-FOA-0002740; GRG Section 40101. We submitted a concept paper which was encouraged to move onto a full application. We submitted a full application but were not awarded.
B. Grid Resilience and Innovation Partnerships (GRIP) – DE-FOA-0002740. SGG Section 40107. We submitted a concept paper which was encouraged to move onto a full application. We submitted a full application but were not awarded.
C. Energy Improvement in Rural or Remote Areas Funding Opportunity Announcement – DE-FOA-0002970. We submitted a concept paper but were not encouraged to submit a full application.
D. Energy Improvement in Rural or Remote Areas Funding Opportunity Announcement – DE-FOA-0003045. We submitted a concept paper but were not encouraged to submit a full application.
E. Energy Improvement in Rural or Remote Areas Funding Opportunity Announcement – DE-FOA-0003045. We submitted a second concept paper in this grant category but were not encouraged to submit a full application.

13. TRANSPORTATION ELECTRIFICATION PLAN

INTRODUCTION

Otter Tail Power Company (Otter Tail or Company) respectfully submits the following report as its biannual Transportation Electrification Plan to the Minnesota Public Utilities Commission (Commission or MPUC). Per the Commission's Order in Docket Nos. E017/CI-21-612 (and other utilities' similar dockets) and E999/CI-17-879, on December 8, 2022, the Commission ordered each utility to file biannually, a Transportation Electrification Plan (TEP) in each utility's respective Integrated Distribution Planning (IDP) docket. Responding to the Commission's ordering points, Otter Tail has assembled its biannual TEP below.

INTEGRATED DISTRIBUTION PLAN ITEMS

The Commission's December 8, 2022, Order listed TEP filing requirements in ordering point E, points 1 through 11. Otter Tail has listed each ordering point 1 through 11 and its response to each point below. The Company has included responses specific to IDP ordering points A and C, within this TEP section of the filing. These IDP ordering points include:

- 21 and C 1. combined,
- 22 a. - e.,

- 26 i. 1-4,
- 29 i. 1-4,
- 34 a.- c., and
- 35.

1. Otter Tail shall provide a summary of the utility's ongoing transportation electrification efforts, including existing programs and projects in development over at least the next 2 years.

The Company recently commissioned the first six of eleven Direct Current Fast Chargers (DCFC) sites, which will place DCFCs within forty-five miles of all Otter Tail's Minnesota customers. The final five DCFC sites will be completed in 2024. This project was approved in Docket No. M-20-181, with a progress report recently filed to the Commission on June 1, 2023.

Otter Tail offers a rebate for hardwired level 2 chargers installed on an off-peak rate. This rebate is part of the Company's load management programing. The Company's June 30, 2023, ECO triennial plan, Docket No. E017/CIP-23-94, includes proposals to expand outreach for electric transportation by offering rebates for battery electric vehicles, plug in hybrid vehicles, and electric school buses. These proposals are part of efficient fuel switching programs that are new with the recent ECO bill. The ECO plan also includes Otter Tail's existing rebate for hardwired Level 2 charging placed on a load management program.

Otter Tail also participates in educational outreach events including ride and drive events that allow interested community members to learn about electric vehicle options on the market and charging options offered by the Company. Other outreach includes local city festivals, parades, and discussions with customers as they consider and plan vehicle purchases or adding charging options.

Looking forward to the next two years, the Company's development plans include new customer rate offerings and a make-ready program. These are discussed in more detail below. Otter Tail is also reviewing multi-family dwelling charging options with development following other planned activities of new rates, installation of advanced metering, and a make-ready program.

2. Otter Tail shall provide a discussion of how it plans to facilitate:

a. Availability and awareness of public charging infrastructure, including an assessment of the private sector fast charging marketplace for the utility's service territory;

The availability of public charging infrastructure operated by the private sector is limited in Otter Tail's service area. Currently, the Company only serves three DCFC locations in Minnesota with a fourth test site operated in part by Otter Tail. Further private sector investment and interest has been slow. More recently, third-parties have expressed interest in leveraging Minnesota's state allocations of federal national electric vehicle

infrastructure (NEVI) funding. As the NEVI funding is made available for third-party proposals, Otter Tail plans to work with these parties, possibly offering funding, to help further develop these corridors in its service area.

The Company is considering and evaluating offering a *Make-Ready* type of program in the future. The Make-Ready program envisioned would include Otter Tail going beyond the typical termination point of the meter and offsetting some of the upfront capital required of a third-party including the transformer, underground line extension, and mounting pad of charging equipment. The timeline of this offering is estimated at end of 2024 as the Company completes the pilot infrastructure buildout and gains valuable insight into lessons learned and cost estimates to ensure long-term viability of such a program.

b. Availability of residential charging options for both single family and multiple unit dwellings;

Otter Tail allows charging on all approved residential rates. Rebate incentives are available for hardwired level 2 chargers installed on off-peak rates to allow for demand control and avoid peak energy or capacity periods. Customers installing a hardwired level 2 charger on an off-peak rate are eligible to receive an incentive of $400 per level 2 charger. The Company currently has a proposal, as part of its Energy Conservation and Optimization (ECO) triennial filing, to increase this to $500 per level 2 charger.

The Company does not currently have any specific multi-family offerings that are differentiated from its offerings to all residential customers, as discussed above. To date, Otter Tail has not received any requests from customer tenants or landlords requesting multiple unit dwelling charging solutions. The variability and unique situations of multiple unit dwellings does make it difficult to develop programs or incentives that are equitable across tenants or landlords based on these unique situations.

For example, assume a multiple unit dwelling has individually enclosed parking garages assigned to each dwelling. The garage building is located separately from the main dwelling and is separately metered. The landlord sets tenant rental rates based on this metering arrangement. Prior to EV charging, only small lighting and garage door operation load is present. Charging options that the owner could consider include: a low-cost plug (standard 120v, NEMA 14-50), low-cost simple chargers (no usage or billing capabilities), or high-cost smart chargers (with load management capabilities and billing options). Each of these cost assumptions is also dependent on the total quantity needing to be installed and the existing service and panel size.

Assuming a separate multiple unit dwelling only offers an open parking lot for residents, the landlord would likely install a high-cost smart charger, as offering any free option could cause sharing issues between residents. The variability in cost can be drastic for

these two multi dwelling scenarios and could range from $500 - $25,000 per charger. This upfront cost most likely would be passed on to the renters reducing part of the goal of lowering transportation cost for these customers. These examples make the success of a simple incentive program without proper development unlikely and potentially creates situations leading to partial participation with large barriers remaining for others. Otter Tail is interested in developing a multiple unit dwelling option in the future as more technology options such as Plugzio,[4] NeoCharge,[5] and others level 2 charging solutions that enable seamless load management to mature in the marketplace. With an affordable charging solution that allows the level 2 charging provider an easy and affordable payment option to offer tenants, and load management capabilities, these charging solutions create more robust and inclusive options for all. Otter Tail will keep monitoring these technologies for a future multiple unit dwelling offering.

c. Programs or tariffs in development to address flexible load or reduce metering and data costs; and

On May 26, 2023, in Docket No. E017/M-20-181, the Company proposed a modification to tariff section 10.07 Electric Vehicle Direct Current Fast Charing General Service – Time of Day Pilot Rates. The modification proposes to update pricing and allows the Company to bundle miscellaneous fees into one flat $/kWh rate to improve the charging experience for customers charging at Otter Tail owned charging stations.

The Company is in progress of developing and proposing a residential rate similar to the Company's section 14.01, Water Heating Control Rate, which allows customers to enroll their water heater on a demand control rate without the significant upfront costs of a second meter and electrical panel. For EV charging a customer would install level 2 charging on a general residential rate and allow the Company to perform demand control in exchange for a bill credit. This new rate will allow customers to avoid the upfront costs of additional electrical infrastructure and the ongoing customer costs of having a second meter. This results in customers saving on upfront installation cost and reducing energy cost and allows the Company to better manage the electrical grid.

d. Fleet electrification

For Otter Tail, most customer fleet electrification has occurred in the public schools with electric school buses. The funding opportunities for electric school buses has been extensive with multiple state and federal funding opportunities. To help encourage participation, Otter Tail provides additional incentives to award schools who participated in the Minnesota Pollution Control Agency (MPCA) electric school bus grant opportunity.

[4] https://www.plugzio.com/.
[5] https://getneocharge.com/.

The Company had three buses receive this funding and worked with the schools or bus provider to support their charging needs.

The Company has rebate proposals in its ECO filing for electric school buses, commercial push and rider mowers, and forklifts. Otter Tail continues to evaluate and replace Company fleet vehicles with electric options where feasible and has added two battery electric vehicles since its last TEP filing.

3. Otter Tail shall provide a discussion of how it plans to optimize EV benefits, including a discussion of how to align charging with periods of lower customer demand and higher renewable energy production and by improving grid management and overall system utilization/efficiency.

For many decades, the Company has been promoting off-peak rates to customers to align their usage with low-cost energy periods. Managing electric vehicles, like any new load, remains a priority and the Company continues to develop new programs as discussed in the above response in question 2.C. The Company is also excited about it Advanced Metering Infrastructure project which will provide the Company and customers interval metering data. Once these advanced meters are deployed in 2025, the Company looks forward to leveraging its Residential Time of Day pilot, Docket No. E017/M-23-261 to encourage customers to move energy usage for EV charging to low-cost time periods and avoid the upfront costs of a second meter to measure off-peak usage.

The Company promotes and encourages customers to participate in the Company's subscription based renewable energy program called *Tailwinds*, to offset their energy consumption with wind resources. The Company also retires Renewable Energy Credits (RECs) to offset all energy consumption used at Company-owned and third-party owned public EV chargers. Renewable wind resources in Otter Tail's fleet are abundant and the lowest cost energy option. If not limited by transmission constraints, these renewable resources continually are driving local marginal prices of energy down to low levels. Otter Tail's robust portfolio of loads on off-peak programs allow Otter Tail to curtail a significant portion of load during peak periods and shift it to low-cost periods, leveraging low-cost wind and lowering all customers' energy costs.

4. Otter Tail shall include a discussion of how it plans to encourage more customers with electric vehicles to participate in manage charging.

The Company has a proposed rebate of $500 per a charger for any hardwired level 2 charger installed on an off-peak rate as part of the ECO triennial plan filing. As discussed previously a new off-peak tariff option is also in development to increase customer options and lower upfront installation costs. The Company's 2025 Residential Time of Day pilot will further encourage EV owners to utilize off-peak charging rates. The Company also has plans to work with the Minnesota Automobile Dealers Association (MADA) to provide resources and educate dealerships on Otter Tail's off-peak charging customer options. This partnership will provide new electric vehicle

customers information on charging options, different rate savings, and recommended level 2 charger installation steps.

5. ***Otter Tail shall provide a discussion that addresses divestment issues and identifies possible divestment strategies for its DCFC Network approved in Docket 20-181 at the conclusion of the pilot program.***

The Pilot program is still in progress, a recent progress update was submitted in Docket No. E017/M-20-181 on June 1, 2023.

6. ***Otter Tail shall provide evaluations of non-pilot EV programs that examine the cost-effectiveness of the programs as currently designed and potential changes that could improve their cost-effectiveness.***

All Company non-pilot EV programs have been included in the proposed ECO triennial filing in Docket No. E017/CIP-23-94, filed June 30, 2023, and passed all required cost-effectiveness requirements. These programs will be evaluated each year and when necessary, enhancements will made to increase participation and societal benefits.

7. ***Otter Tail shall provide a summary of customer EV education initiatives. The Company does not need to provide specific examples of outreach materials.***

Annually, the Company attends several ride and drive events to promote electric vehicle education and awareness. These events are a collaboration between local utilities, business, and community members. These events target the residential sector and cover the latest technologies, financial outlook, and utility charging offerings. On the commercial side, recent announcement of requirements by auto manufacturers to dealerships this past year has increased the necessary engagement and support being provided to dealerships seeking assistance. Support includes education, resources, and electric infrastructure analysis to support potential charging additions. Past support has also included financial incentives to public schools being awarded funding and grant opportunities for electric school buses.

Other EV related activities include a social media presence featuring events, news, and information on electric vehicles during drive electric week. The Company also participates in Drive Electric Minnesota to guide statewide initiatives, policy, and education. Internal employee education on electric vehicles is accomplished through encouraging them to drive fleet electric vehicles while attending off-site meetings. This enables employees to share real driving experiences and knowledge with customers. Lastly, the Company has installed level 2 charging at its customer service centers to ensure employees can easily travel between Otter Tail communities while attending meetings.

8. ***Otter Tail shall provide summaries of any proposals or pilots, including links to full reports, submitted to other regulatory agencies or jurisdictions (for example, proposals submitted under Conservation Improvement Programs / Energy Conser-vation and Optimization Act or pilots run in other states).***

Otter Tail has electric vehicle and level 2 charging rebates proposed in its 2024-2026 ECO filing submitted to the Minnesota Department of Commerce, Division of Energy Resources in Docket No. E017/CIP-23-94. The vehicle rebates are evaluated based on energy savings, increasing load factor, and carbon emission reductions. The charging rebates encourage customers to install hard wired level 2 chargers on load management rates, limiting peak demand and high energy cost impacts.

The Company does not have any EV proposals or pilots in North Dakota or South Dakota at this time.

9. ***Otter Tail shall provide attachments or link to the most recent reports for any ongoing EV pilots or programs.***

All of Otter Tail's ongoing initiatives are included in Docket No. E017/M-20-181, Docket No. E999/CI-17-879, or the Company's ECO filing in Docket No. E017/CIP-23-94.

10. ***Otter Tail shall provide historical spending for the past 5-years on all transportation electrification initiatives, broken down across the sections of its budget.***

Table 13

Budget Category (Distribution, IT, Transmission, etc.)	**Capital**	**Expenditure**
MN EV DCFC Pilot service extension upgrades, test site installation	$222,395.04	
MN EV DCFC Pilot, Test Site	$784,051.53	
5-year O&M service as part of MN DCFC pilot project package, Test site service until end of 2024		$0
Marketing and Communications: Ride & Drive Events, Flyers, Education Outreach, off peak charging, training, level 2 charging donations.		$285,942.28
Sub Total:	$1,006,446.57	$285,942.28
Total Capital and Expense:	$1,292,388.85	

11. Otter Tail shall provide historical spending for the next 5-years on all transportation electrification initiatives, broken down across the sections of its budget.

Table 14

Budget Category (Distribution, IT, Transmission, etc.)	Capital	Expenditure
MN EV DCFC Pilot – Completed DCFC network installation,	$1,311,040	
Marketing and Communications:		$250,000-750,000
NEVI Support	$50,000-750,000	
O&M Charging infrastructure - Test site 5-year service agreement ends end of 2024. Pilot network service ends 2028-2029		$50,000-$500,000
ECO Rebates – off peak charging, electric vehicles, electric school buses		$100,000-500,000

INTEGRATED DISTRIBUTION PLAN ORDERING POINTS

21. Total number of electric vehicles in service territory, by type where possible (e.g. light duty, transit, medium duty, heavy duty)

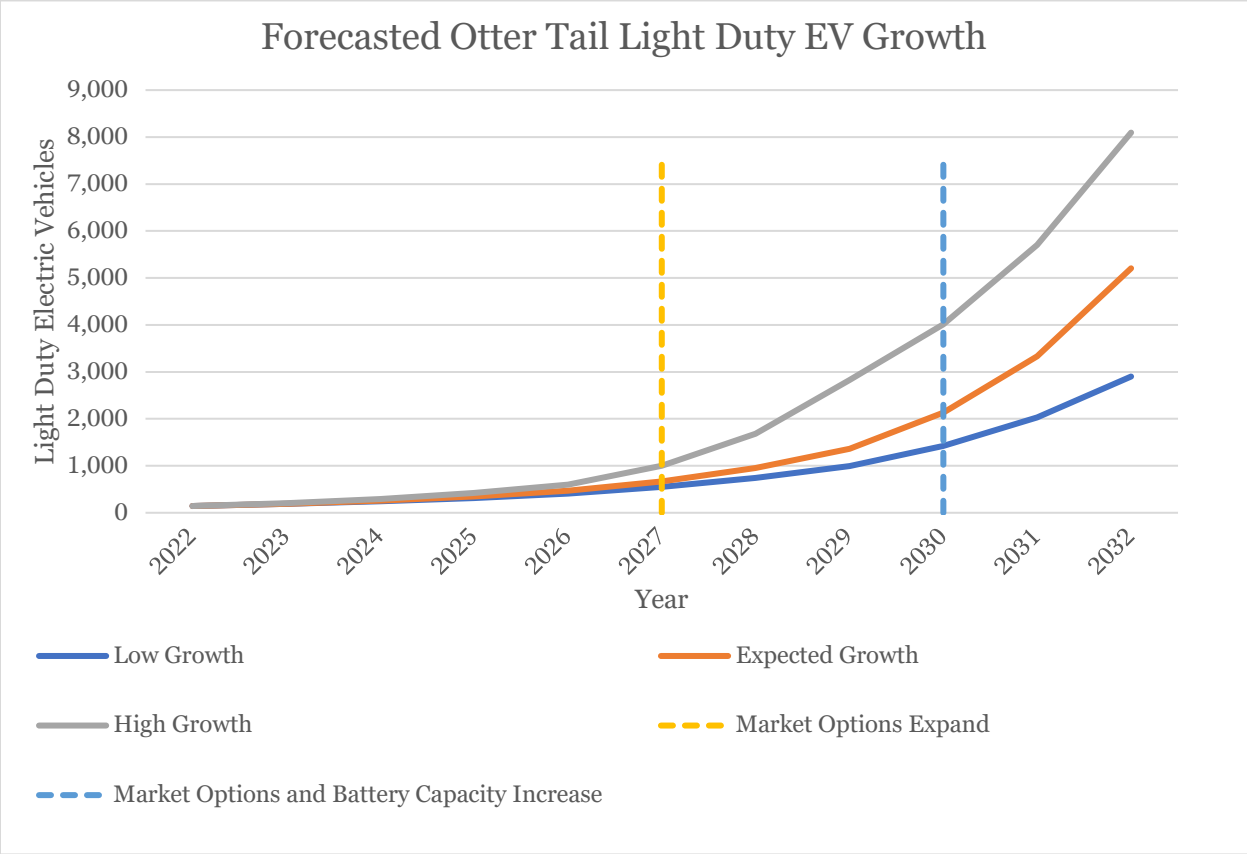
Otter Tail currently has 144 customer-owned electric vehicles (EVs) throughout the Company's Minnesota service area as of January 2023. Breaking it down further, 84 are battery electric vehicles (BEVs), and 60 are plug-in hybrid electric vehicles (PHEVs). This data was provided by the Minnesota Public Utility Commission and comes from Minnesota vehicle registrations, filtered by Otter Tail's service territory.

The Company has seen little adoption in the medium and heavy-duty sector and only serves several electric school buses that received state and federal grant funds. The addition of two school buses at one bus garage has been the most load added at one location. The load created by these medium and heavy-duty additions has not been substantial enough to warrant any capacity upgrades and is being monitored for information for any future forecasting needs. No other transit, medium duty or heavy duty vehicles are known within the Company's Minnesota service territory at this time.

C 1. Distributed Energy Resource Scenario Analysis: For electric vehicle forecasts scenarios, Otter Tail shall provide base-case, medium, and high adoption, capacity, and energy forecasts by sector (light, medium duty, and heavy duty)

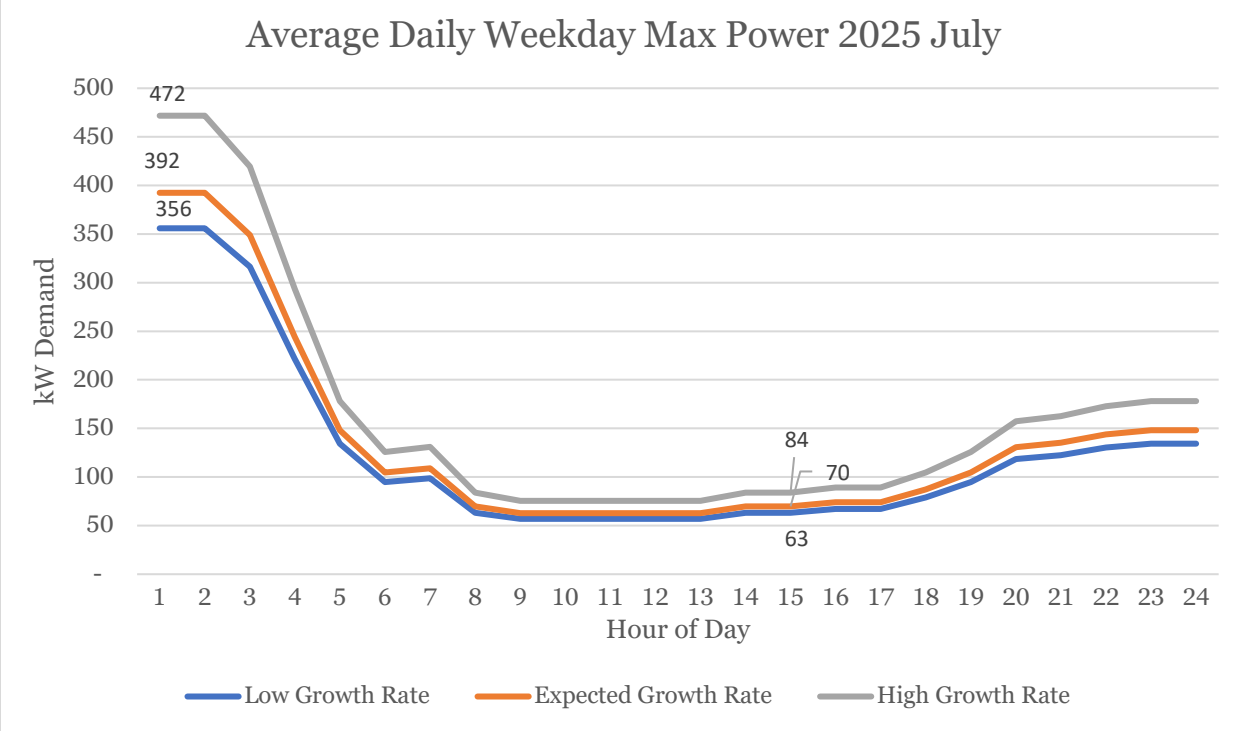
In addition to the forecasting discussion in section 7C. of the IDP above, Otter Tail provides the following Figure K, showing several EV growth scenarios for light duty vehicles. The Company did not include a forecast for medium and heavy duty EVs since quantities are so small at this time with little growth expected in the near future. The "top 3-state growth rate" is a high growth scenario based on states with the highest EV adoption growth rates and is not expected in Otter Tail's service area. There are many unknowns yet on how quickly EV adoption will occur as it will be dependent on many factors such as Federal and State Policies, battery technology, public charging access, and new EV models available.

Figure K



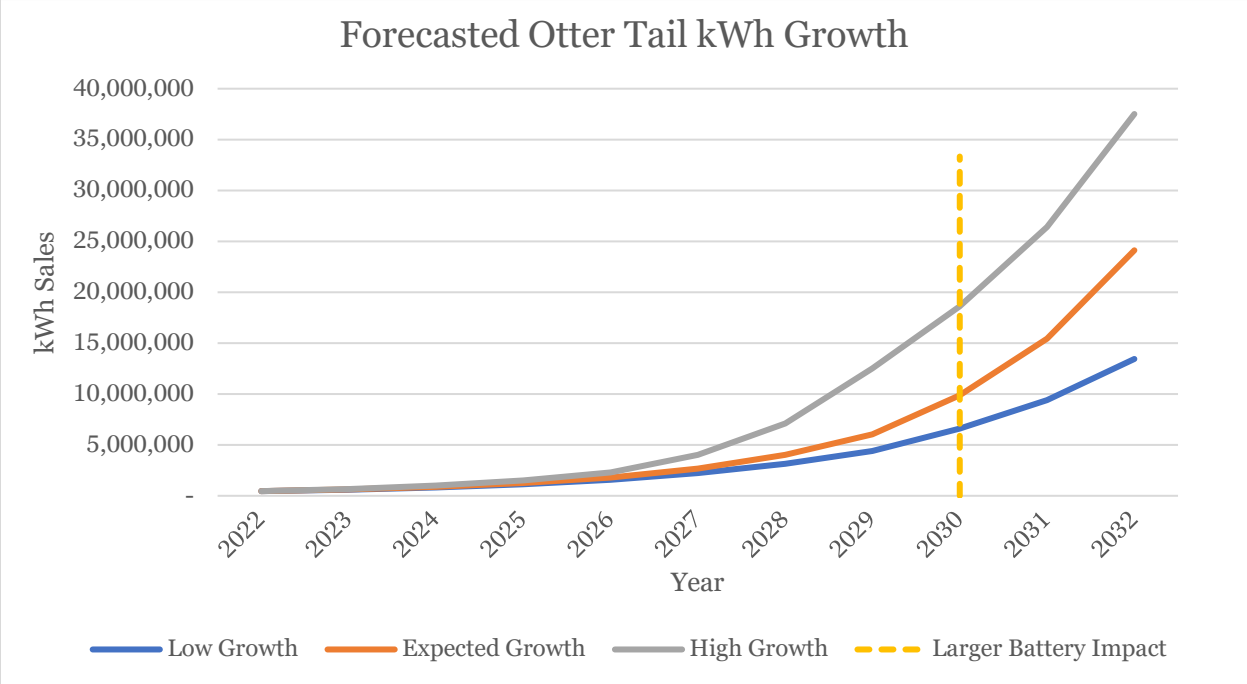
As shown in Figure L, Otter Tail plans to minimize on-peak charging impacts with rate design and controllability of the additional load. The top growth forecast for EVs shown in Figure L, minimally impacts the 5-year window from a distribution system perspective (i.e., 472 kW off peak in 2025 and ~84 kW on peak in 2025 per high growth).

Figure L



The overall forecasted energy needs of electric vehicles is shown in Figure M. Otter Tail included in its forecast an adjustment in estimated average energy needed per vehicle in 2030 to reflect the increase in the larger truck and SUV options likely adopted in its service territory.

Figure M



One interesting item to add to this assumption and conversation is from *Alliance for Automotive Innovation – The Driving Force – 2022 Industry Report*.[6] The report highlights 2021 new light-duty vehicle registration by vehicle type for each state. Taking the three states Otter Tail serves (MN, ND, SD) the new vehicle market share breaks down to roughly 10 percent being cars and the other 90 percent falling into "Light Truck Segment" that includes (CUVs, SUVs, Pickups, Vans/Minivans). As the manufactures bring to market more electric vehicle options that would categorize into this "Light Truck Segment" vehicle type energy consumption average per vehicle is expected to increase, as these are less efficient than cars, and adoption is anticipated to increase.

22. Total number and capacity of public access electric vehicle charging stations, broken out by:

a. Number and capacity of known public access Level 2 Charging stations

Table 15

Location	Size (kW)	Plug Qty
Morris (Heartland Motor Company)	7.2	1
Morris (Willie's Supervalu)	7.7	1
Morris (U of M)	6.5	2
Fergus Falls (Fergus Brewing Company)	10	1
Fergus Falls (Service Foods)	11.5	2
Fergus Falls (Public Library)	11.5	1
Frazee (Family Foods)	11.5	1
Mahnomen (Shooting Star Casino)	7.7	8
Bemidji (Hampton Inn)	11.5	2
Bemidji (Paul Bunyan)	7.7	1
Bemidji (City Hall)	11.5	2
Bemidji (BSU)	7.7	1
Crookston (Christian Brothers Ford)	9.8	2
Crookston (City Public Parking)	7.7	1
Crookston (U of M)	7.7	1
Hallock (C&M Ford)	7.2	1

b. Number and capacity of Level 2 Charging Stations enrolled in a utility program broken out by program.

Otter Tail has actively supported electric vehicle education and awareness initiatives that has resulted in partnerships with interested site locations in installing public Level 2 charging stations. These partnerships include the Company providing a Level 2 charger to be installed by the site host and assisting with education and equipment selection. These

[6] https://www.autosinnovate.org/resources/papers-reports/Driving%20Force%20Annual%20Report.pdf.

partnerships have resulted in chargers being installed in Crookston, Bemidji, Fergus Falls, and Morris. The Company has also installed a Level 2 charger in Frazee as part of the EV charging infrastructure network. This Level 2 charger is one of a total of ten that will be installed in communities to expand education and awareness outreach activities.

c. Number and capacity of known public access direct current fast charging (DCFC) stations

Table 16

Location	Size (kW)	Plug Type (Qty)
Ashby	TBD (under construction)	TBD (under construction)
Fergus Falls	50	CHAdeMO (1) / CCS (1)
Fergus Falls	250	NACS (8)
Bemidji	50	CHAdeMO (1) / CCS (1)
Bemidji	250	NACS (8)

d. Number and capacity of DCFC installed through a utility EV program, broken out by program.

Otter Tail has two DCFC site locations participating in rate schedule 10.07 that is a DCFC service time of day pilot rate. The Company has plans of evaluating the feasibility of a Make-Ready type of program for third party DCFC charging stations. The evaluation process is tentatively forecasted to begin after the Company's DCFC pilot network construction is completed in 2024 and pilot construction costs and learnings can be utilized in program development.

e. All other known EV charging stations (by type, ex DCFC, Level 2)

The only Level 2 charging stations known by the Company that are not either public or participating in off peak charging programs as answered in the below section is the Level 2 chargers serving the electric school buses. These chargers needing to be utilized after morning drop off were placed on customers general service rates to reduce upfront installation costs and allow bus garage managers to learn about the bus capabilities. After bus garage managers have had time to learn further cost saving opportunities like off-peak charging will be explored.

26. Historical distribution system spending for the past 5-years, in each category:

i. Electric Vehicle Programs (Capital Costs, O&M Costs, Marketing and Communication, Other)

This topic is answered in responses to questions 10 and 35.

29. Planned distribution capital projects, including drivers for the project, timeline for improvement, and summary of anticipated changes in historic spending. Driver categories should include:

i. Electric Vehicle Programs (Capital Costs, O&M Costs, Marketing and Communications, Other)

The Company's response to question number 11 above addresses this question regarding infrastructure investment, marketing, and education specific to electric vehicle charging. All distribution equipment forecast that supports electric vehicle chargers outside of these initiatives has been included in the IDP section 8, Financials, Table 8 and 9 and is expected to remain minimal with little impact in the short term.

34. A summary table with the following information for each EV rate offering or program during the reporting period:

a. Number of customers and/or vehicles enrolled at the end of the reporting period

The number of customers enrolled in off-peak EV tariff (Section 14.12) rates for May 1, 2022, through April 30, 2023, can be seen below in Table 17 and was pulled from the June 1, 2023 filing in Docket Nos. E017/M-20-181 and E017/M-15-112. Customers with an existing secondary meter typically used for off-peak heating loads can also add a level 2 charger to this meter. The customer receives a discounted energy rate and provides the Company the ability to interrupt the level 2 charger for load management purposes. Currently, Otter Tail has no way of tracking how much load is specific to the EV in this scenario. Therefore, these loads and associated energy use have not been reported here.

Table 17

OTP Monthly Off-Peak EV Tariff Energy Usage
May 1, 2022 - April 30, 2023

State	Year	Month	Customer Count	kWh
MN	2022	May	14	4,994
MN	2022	June	15	4,619
MN	2022	July	16	4,117
MN	2022	August	18	4,681
MN	2022	September	18	9,285
MN	2022	October	18	10,914
MN	2022	November	19	9,296
MN	2022	December	19	14,964
MN	2023	January	19	14,803
MN	2023	February	19	18,219
MN	2023	March	19	13,958
MN	2023	April	19	13,791
		12 Month Energy Total		123,641

b. Energy consumed (MWh) during the reporting period.

The total energy usage for the time period of May 1, 2022 through April 30, 2023 on off peak EV tariff (Section 14.12) was 123.641 MWh. The monthly breakdown has been included in Table 17.

c. Peak demand (MW) during the reporting period and the time at which it occurred.

Otter Tail does not have the ability to see peak demand granularity for electric vehicle specific loads. This is something that the Company's advance meter infrastructure (AMI) project has the possibility of providing in the future depending on integration and testing results.

35. Any system upgrades performed to accommodate EV charging, total cost paid by utility and by customer, and average cost per upgrade. Cost should be reported separately for the following customer groups: Residential, Government Fleet, Private Fleet, and Public Charging.

No major system upgrades outside of typical service set up have occurred for Residential, Government Fleets, Private Fleet, and Public Charging due to electric vehicle charging at this time. Public charging installed to date has been near existing infrastructure with available capacity and additional cost has been limited to standard service cost of dedicated transformers and minimal line extensions. For third-party these standard service costs are captured in an electrical service agreement and paid by installer/operator upfront and returned if revenue milestones are achieved over a period of three years to ensure cost remain with installer/operator. For Otter Tail's pilot infrastructure, the cost range for these dedicated transformers and line extensions have ranged from $15,951.79 - $56,751.80 depending on service needs at location and distance from distribution lines.

As discussed in above question 21, Otter Tail only serves 144 light duty vehicles as of January 2023. Breaking it down further of that total only 84 are battery electric vehicles (BEVs) with 60 being plug-in hybrid electric vehicles (PHEVs). Otter Tail's service area is very rural and spread-out limiting adoption and impacts to added load. As adoption increases and load impacts grow system upgrade cost will be tracked closer.

Checklist of Requirements

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3.A.3	Summary of M&V and planned improvements	6
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Day	[PROTECTED DATA BEGINS…	ALBERTA	ANGUS ROAN	APPLETON NW	ARGYLE	AUDUBON	BADGER, MN	BARRETT	BATTLE LAKE	BEARDSLEY	BEJOU	[PROTECTED DATA BEGINS…	BEMIDJI 25TH ST.	BEMIDJI AIRPORT	BEMIDJI HIGH SCHOOL	[PROTECTED DATA BEGINS…	BEMIDJI INDUSTRIAL PARK
01Jan2022		424.38	181.8	3148.8	1087.04	1446.72	914.72	973.6	2616.72	470.8	257.88		8362.08	4004.16	4209.48		3133.2
02Jan2022		384.72	166.62	3390.96	1144.72	1469.76	895.04	934.8	2631.84	467.12	251.37		8352.36	3900.48	4291.2		3183.24
03Jan2022		383.82	158.16	3123.12	1061.12	1550.16	809.76	810.08	2016.72	390.08	204.6		8335.44	4053.84	4417.92		3168.36
04Jan2022		390.36	154.32	2981.52	1039.36	1609.32	853.28	846.48	2240.4	384.68	241.44		7980.12	3905.52	4279.32		3123.48
05Jan2022		396.9	205.74	3326.88	1082	1709.4	889.76	978.16	2431.92	423.04	245.46		8166.96	4327.2	4366.44		3177.36
06Jan2022		413.82	162	3392.16	1143.12	1828.32	928	1113.92	2583.84	422.68	197.52		8747.28	4382.88	4808.16		3483.6
07Jan2022		432.66	188.64	3124.32	1126.96	1658.04	985.36	1056.32	2814.72	423.76	261.9		8911.44	4248.24	4701.6		3534.36
08Jan2022		334.14	149.22	2652	962.08	1464.12	823.44	813.2	2171.52	353.04	205.71		7635.6	4101.36	3909.24		2777.88
09Jan2022		379.32	182.94	2910	1045.84	1637.16	943.2	922.96	2565.12	395	244.14		8052.48	4006.32	4095.36		3055.92
10Jan2022		422.94	171.24	3086.16	1156.4	1658.28	932.32	968.8	2692.56	396.6	274.44		8865.36	4280.16	4637.88		3350.28
11Jan2022		351.36	134.76	2610.24	941.04	1561.08	778.88	812.56	2098.56	335.56	183.75		8035.2	3900.96	4155.84		2974.08
12Jan2022		337.44	133.68	2567.04	891.92	1518.48	724.32	694.08	1923.6	302.6	181.56		7466.76	3803.52	4010.04		2877.24
13Jan2022		420.84	136.14	2568.72	954	1513.32	731.2	833.84	2104.56	298.44	201.69		7250.4	4085.52	4033.44		2793.72
14Jan2022		430.02	142.92	2637.84	1002.16	1452.36	877.12	837.36	2232.72	321.16	204.66		7873.92	4216.56	4308.12		3021.12
15Jan2022		423.84	168.6	2856.96	1023.6	1509.84	842.56	799.68	2287.68	361.44	203.28		7909.2	3879.6	3994.56		2971.92
16Jan2022		412.02	129.66	2465.28	865.92	1414.08	742.8	760.24	2015.04	306.2	144.12		7167.24	3623.52	3537		2564.64
17Jan2022		276.18	123.48	2405.52	850.64	1454.16	732	704.88	1990.56	302.92	153.99		7120.8	3700.8	3479.4		2669.76
18Jan2022		398.46	124.2	2487.12	889.36	1562.4	729.12	745.76	1977.12	292.68	185.94		7028.64	3889.68	3656.88		2643.6
19Jan2022		383.76	179.7	2791.68	986.08	1711.44	803.28	965.68	2130.24	345.72	232.26		7890.12	4399.92	4181.04		3076.8
20Jan2022		405.84	183.84	3111.84	1198.16	1676.28	860.32	987.36	2630.16	397.28	242.43		8805.6	4261.44	4521.24		3371.64
21Jan2022		392.52	185.34	2632.08	1003.12	1460.88	829.52	830.64	2343.12	380.04	249.15		8114.04	3888.48	4119.84		3093.12
22Jan2022		402.42	158.28	2707.68	987.44	1483.32	848.88	859.52	2445.12	356.08	199.32		7803	3996.24	3907.44		2902.32
23Jan2022		413.16	178.56	2865.36	1044	1476.36	926.08	928.4	2470.08	390.64	210.84		8178.12	3790.8	4088.52		3047.64
24Jan2022		410.94	182.7	2811.12	1131.68	1605.96	857.2	1011.12	2449.44	366.52	258.03		8276.04	4318.56	4542.48		3281.4
25Jan2022		461.22	161.88	3162.72	1136	1807.56	882.88	1082.48	2577.36	419.92	276.81		8618.4	4298.88	4728.96		3415.32
26Jan2022		408.18	144.66	2646.96	938.32	1591.44	823.52	805.28	2140.32	350.56	214.08		8052.48	3945.36	4169.88		3030
27Jan2022		387.78	156.54	2551.44	1021.6	1702.08	813.36	860.32	2208.72	313.4	211.17		7695.36	4177.68	3053.52		3082.56
28Jan2022		337.44	148.74	2823.12	935.44	1479.36	821.36	890.96	2338.08	338.24	208.11		8327.16	3984.96	4016.16		3152.28
29Jan2022		252.48	135.54	2771.04	939.28	1502.88	741.84	746.48	2028	307.52	183.06		3561.48	3854.4	3790.8		2682.84
30Jan2022		315.36	145.86	2739.36	938.24	1515.96	797.12	795.84	2134.56	335	179.04		7285.68	3778.8	3241.8		2702.76
31Jan2022		329.4	153.6	2819.52	935.44	1566.96	773.68	826.08	2195.52	333.2	203.07		7687.08	3941.52	3121.92		2936.04
01Feb2022		348.48	162.72	2956.32	944.64	1643.88	764.4	961.12	2438.4	342.16	196.38		7523.28	4146.48	3598.56		2846.52
02Feb2022		379.02	186.72	3546.48	1087.28	1738.68	834.4	1015.2	2592.72	406.16	266.79		8702.28	4391.76	3890.88		3347.64
03Feb2022		447.12	186.24	3371.76	1162.48	1756.2	924.16	1019.84	2692.32	408.28	280.08		8916.48	4217.52	4596.12		3369.6
04Feb2022		350.64	168.9	3271.92	1116.16	1602.72	872.16	1021.6	2552.4	422.68	256.56		8453.88	4179.12	4447.08		3262.8
05Feb2022		275.94	162.12	2916	973.84	1364.76	813.6	810.08	2290.08	344.8	222.81		7869.6	3937.44	3944.16		2979
06Feb2022		289.56	166.8	2698.8	954.8	1470	795.76	832	2156.16	343.16	197.25		7286.76	3744.72	3604.68		2677.2
07Feb2022		305.58	147.24	2926.32	1000.4	1600.68	724	853.84	2123.52	349.36	181.83		8295.84	4008.96	4217.4		3158.16
08Feb2022		267.18	137.1	2719.68	817.04	1554.72	642.08	750.88	1867.92	341.88	196.14		7599.96	3758.4	3863.52		2793.24
09Feb2022		264.72	133.62	2806.32	972.56	1668.48	738	823.36	2056.56	402.08	186.75		7324.92	3973.68	4051.44		2810.76
10Feb2022		376.08	125.46	2987.28	917.52	1562.28	739.68	730.16	1871.28	435.16	202.41		7714.44	3822.96	3925.08		2862.72
11Feb2022		312.06	183.42	2984.16	1045.04	1594.2	827.2	932	2337.6	458.4	249.57		7452.72	4097.52	4136.04		2890.92
12Feb2022		306.48	136.44	3293.28	959.6	1539.36	902.24	921.6	2512.8	375.52	256.2		8265.6	4131.12	4136.76		3146.64
13Feb2022		310.92	167.7	3218.4	1083.76	1489.92	897.52	943.76	2573.28	405.76	212.58		8307	3911.52	4153.32		3141.72
14Feb2022		310.5	156.6	3214.08	1068.64	1663.44	815.76	862.32	2125.92	395	191.52		8386.92	4063.44	4347.36		3269.88
15Feb2022		283.2	150.42	3058.32	934	1661.64	806.96	813.36	2225.28	387.08	187.08		8134.56	3865.2	4165.2		3000.96
16Feb2022		314.64	151.74	3103.2	1081.2	1667.52	726.08	807.76	2182.56	356.32	239.04		7773.12	4158.96	4403.52		3091.32
17Feb2022		324.84	169.02	3118.8	1068.64	1671.48	809.04	900.96	2365.2	401.16	239.04		8568.72	4160.88	4493.52		3354.36
18Feb2022		332.82	172.74	3192.72	987.6	1575.48	849.52	907.52	2313.12	366.72	261.03		8191.8	4206	4443.84		3193.56
19Feb2022		269.64	167.76	2947.68	955.12	1480.8	834.88	811.68	2306.88	384.36	201.96		8127.36	3875.04	4071.96		2983.32
20Feb2022		238.86	161.46	2588.64	923.84	1398.12	740.8	733.68	1903.44	305.24	181.47		6827.76	3556.32	3478.32		2443.68
21Feb2022		291.36	188.22	3090	1170.96	1599.6	917.68	924.96	2390.16	395.4	301.77		7897.32	4127.52	3886.2		3009.6
22Feb2022		317.28	203.88	3350.4	1233.92	1777.92	830.8	955.44	2634.96	420.84	268.32		8472.24	4220.4	4621.68		3224.04
23Feb2022		320.34	142.98	3252.96	1197.76	1694.16	826.8	946.32	2439.12	376	219.57		8903.52	4298.16	4588.92		3320.64
24Feb2022		313.02	151.44	3445.44	1129.84	1681.68	854.32	935.52	2453.52	366.44	214.35		8889.48	4065.36	4560.48		3319.2
25Feb2022		279.42	154.08	3268.32	1066.48	1475.64	857.04	883.92	2298.24	356.52	226.08		8474.76	4025.52	4348.08		3151.44
26Feb2022		206.28	119.76	2721.36	801.52	1325.88	662.4	697.52	1861.92	304.8	158.64		7812.72	3673.92	3821.76		2716.56
27Feb2022		207.06	126.3	2778.48	841.04	1319.52	703.12	701.6	1779.84	288.24	149.67		7272.72	3612	3561.48		2603.16
28Feb2022		236.82	86.16	2623.2	899.6	1579.56	708.32	676.8	1772.88	306.76	166.86		7418.16	3720.48	3877.2		2746.56
01Mar2022		261.48	101.58	2688	913.12	1608.12	649.6	727.6	1708.32	291.6	158.13		7188.48	3748.32	3936.96		2785.08
02Mar2022		248.52	120.18	2830.32	942.72	1623	615.6	712.24	1803.12	301.2	164.97		7177.68	4008	4002.84		2762.04
03Mar2022		311.1	126	2916.48	998.56	1623.12	716.72	719.6	2008.56	405.12	195.12		8109.72	3856.8	4009.68		3055.68
04Mar2022		274.08	143.04	2805.6	859.12	1450.68	759.04	734.48	1976.88	323.68	186.24		7511.04	3722.4	3832.92		2794.8
05Mar2022		238.5	116.64	2698.32	747.12	1394.76	611.52	599.2	1748.4	272	130.41		6621.84	3617.04	3223.8		2448.6

Day	[PROTECTED DATA BEGINS…	ALBERTA	ANGUS ROAN	APPLETON NW	ARGYLE	AUDUBON	BADGER, MN	BARRETT	BATTLE LAKE	BEARDSLEY	BEJOU	[PROTECTED DATA BEGINS…	BEMIDJI 25TH ST.	BEMIDJI AIRPORT	BEMIDJI HIGH SCHOOL	[PROTECTED DATA BEGINS…	BEMIDJI INDUSTRIAL PARK
06Mar2022		259.38	123.18	2837.28	801.04	1417.56	653.6	704	1884	299.88	143.61		6675.48	3505.92	3168		2268
07Mar2022		241.8	116.88	2832.24	905.76	1566.84	658.72	723.28	1895.52	293.64	163.11		7547.4	3729.36	3795.12		2781.12
08Mar2022		276.84	124.02	2872.08	927.6	1593.48	716.08	771.76	1854.72	308.08	193.83		7173	3882.72	3899.16		2724.48
09Mar2022		311.52	126.3	3064.56	1007.68	1644.24	708.96	781.44	2085.6	363.16	258.21		7750.44	4043.76	4164.12		2951.28
10Mar2022		295.8	126	2818.56	986.4	1579.32	794.72	785.12	2127.84	365.08	180.03		8016.12	3946.56	3994.2		3009.6
11Mar2022		367.98	143.04	3219.6	996.4	1563	840.16	913.28	2416.08	381.68	217.74		7923.6	4095.6	4311.36		3032.76
12Mar2022		273.24	116.64	2685.84	898.4	1374.12	831.36	762.08	2128.32	366.64	168.69		7787.16	3647.04	3830.04		2795.28
13Mar2022		216	123.18	2565.36	814	1354.56	705.52	606.72	1729.2	306.32	161.46		6602.76	3456.48	3327.84		2301.36
14Mar2022		234.72	116.88	2609.76	855.44	1565.4	634.96	687.84	1701.36	315.24	124.11		7336.08	3711.12	3763.8		2694.12
15Mar2022		212.4	124.02	2268	770.08	1485.96	590.32	650.24	1546.8	275.12	180.09		6956.28	3570.24	3567.96		2577.36
16Mar2022		198.6	126.3	2308.32	709.84	1421.88	504.08	590.32	1490.4	257.16	278.43		6495.48	3481.68	3465.72		2391.24
17Mar2022		201.6	126	2420.88	797.52	1422.96	494	563.28	1476	262.32	135.66		6458.76	3541.68	3503.88		2421.84
18Mar2022		215.58	143.04	2339.04	872.88	1254.6	518.08	608.8	1508.88	255.76	120.9		6285.6	3391.44	3384.72		2253.96
19Mar2022		176.22	116.64	2297.04	744.96	1261.92	490.64	521.28	1410.48	313	79.29		6229.8	3281.04	3019.68		2081.88
20Mar2022		184.62	123.18	2281.44	608.16	1253.28	502	528.72	1409.76	336.32	147.9		6098.76	3148.08	2880.36		2061.96
21Mar2022		222.72	116.88	2385.12	756.08	1438.44	497.2	577.84	1491.36	283.12	311.16		6424.92	3553.44	3294		2391.96
22Mar2022		252.36	124.02	2411.04	913.84	1526.16	521.2	662.64	1694.16	302.48	297.12		6368.76	3546.48	3440.88		2408.28
23Mar2022		203.82	111.24	2574.72	949.36	1527.84	571.36	671.92	1795.44	353.52	138.45		6552	3615.84	3539.16		2490.6
24Mar2022		167.4	65.82	2366.88	862.72	1445.4	488.64	591.52	1490.88	292	111.63		6599.16	3398.64	3342.24		2376.24
25Mar2022		181.32	103.8	2327.04	1076.88	1410.36	657.6	723.04	1750.32	317.72	185.46		6522.12	3665.28	3547.8		2408.64
26Mar2022		175.2	119.46	2607.84	1055.04	1393.68	698.8	647.84	1871.52	348.52	184.83		6883.56	3594	3387.96		2451.72
27Mar2022		172.32	94.5	2411.28	952.64	1377.36	665.2	675.04	1744.08	357.16	121.17		7006.32	3352.32	3372.48		2513.88
28Mar2022		242.52	94.92	2619.36	1020.56	1537.2	639.36	725.28	1842.72	327.08	130.2		7166.16	3665.52	3571.92		2680.68
29Mar2022		270.54	81.9	2427.12	953.28	1498.8	594.56	652.96	1710.48	324.56	150.78		6112.08	3419.52	3514.32		2570.76
30Mar2022		282.54	92.16	2508.24	1052.88	1534.08	601.6	729.68	1880.4	315.72	187.38		6540.84	3713.28	3644.64		2499.24
31Mar2022		236.1	69.54	2662.8	873.68	1535.76	534.48	679.44	1655.04	309.32	143.07		6855.12	3619.2	3635.28		2540.76
01Apr2022		191.52	73.62	2445.12	603.44	1301.52	474.16	617.04	1624.32	294.72	125.4		6686.64	3471.12	3368.52		2320.92
02Apr2022		124.2	75.36	2271.12	801.68	1377.6	525.76	565.12	1565.04	245.56	133.38		5891.76	3304.32	2937.24		2051.76
03Apr2022		182.82	76.68	2208	844.8	1371.36	566.48	633.6	1613.04	288.72	110.1		6215.04	3289.44	2985.12		2120.16
04Apr2022		207.3	78.36	1953.6	749.2	1424.64	517.2	599.68	1504.56	267	139.32		6525	3378.24	3307.68		2263.56
05Apr2022		179.28	228.36	2058.24	925.2	1461.24	605.52	648.96	1719.12	240.08	169.65		6463.8	3602.4	3537		2445.24
06Apr2022		219.96	161.04	2212.32	1031.52	1543.32	623.68	722.64	1844.88	248.4	198.33		6519.6	3587.52	3596.4		2513.76
07Apr2022		218.34	84.18	2241.36	944.08	1511.4	553.6	697.36	1901.76	280.44	168.39		6643.8	3505.92	3505.68		2565.72
08Apr2022		168.6	79.68	2011.68	795.04	1272.36	472.64	667.28	1592.4	237.4	116.4		6675.48	3541.92	3411		2406.48
09Apr2022		114.06	69.54	1892.64	576.56	1216.08	498.16	528.56	1506.96	206.56	102.18		6060.96	3238.8	3005.64		2149.2
10Apr2022		167.34	126.66	1898.64	665.2	1248.48	430.8	515.84	1350.48	203.52	110.91		5561.28	3051.6	2684.88		1817.28
11Apr2022		240.48	63.54	1933.92	631.12	1405.8	494	593.84	1469.52	218.24	117.48		6409.8	3416.64	3389.76		2386.44
12Apr2022		431.16	108.78	2086.08	999.28	1460.64	570.48	626.8	1668.48	230.48	182.34		6382.8	3622.8	3538.44		2354.64
13Apr2022		432.12	83.64	2148.24	941.2	1440	590.88	675.6	1673.28	244.72	156.9		6377.4	0	3580.92		2416.8
14Apr2022		277.14	93.96	2690.64	1012.64	1509.84	598.48	746.8	1937.76	294.56	180.33		6588.36	3785.04	3631.32		2520.48
15Apr2022		348.84	76.56	2575.2	992.08	1397.4	604.96	705.76	1980.24	305.64	176.64		7056.72	3719.52	3449.88		2630.52
16Apr2022		453.24	71.52	2504.88	886.88	1295.4	558.16	598.88	1714.56	254.28	127.92		6566.76	3499.44	3164.76		2294.52
17Apr2022		499.2	85.44	2542.56	881.04	1299.12	570.8	633.04	1810.56	271.96	148.77		6443.64	3108.96	2974.32		2234.28
18Apr2022		267.12	82.68	2594.64	883.28	1538.28	531.84	688.56	1739.28	272.8	141.96		6561.36	3527.76	3589.56		2457.72
19Apr2022		313.2	77.76	2590.08	924.32	1550.76	519.44	693.6	1727.76	272.44	155.31		6823.44	3419.52	3488.4		2376.24
20Apr2022		337.62	69.3	2361.84	665.76	1475.4	484.48	625.6	1579.44	228.44	119.37		6418.44	3523.68	3561.84		2383.08
21Apr2022		332.94	88.2	2312.4	818.72	1420.56	486.48	585.68	1475.28	198.36	128.34		6485.4	3400.8	3458.88		2436.96
22Apr2022		200.1	142.2	2371.44	904.96	1269.24	560.16	597.52	1633.44	213	162.75		6342.12	3586.08	3462.48		2385.6
23Apr2022		122.52	82.5	2063.76	814.08	1174.8	525.6	182.08	1260.96	0	118.68		5791.68	3285.84	2909.52		2002.32
24Apr2022		192.78	90.3	2512.08	785.12	1244.88	465.84	504.24	1414.56	205.76	126.93		5466.24	2946.24	2656.08		1767.36
25Apr2022		219.66	112.26	2543.04	1086.48	1544.28	650.24	651.36	1686.24	260.84	159.84		6622.56	3591.6	3509.64		2459.28
26Apr2022		194.16	61.62	2490	915.28	1413.48	520.48	660.24	1656.48	222.88	146.1		6709.32	3608.16	3533.4		2454.48
27Apr2022		237	76.92	2378.16	695.04	1393.2	484.24	625.44	1546.56	221.8	112.98		6728.76	3402.48	3439.8		2341.92
28Apr2022		256.32	71.58	2255.76	690.72	1417.08	515.2	577.76	1431.6	194.12	128.85		6382.8	3251.04	3314.88		2315.04
29Apr2022		180.18	92.76	2404.56	867.2	1231.68	539.76	601.04	1533.12	204.88	137.7		6018.12	3357.84	3196.44		2286.84
30Apr2022		154.32	86.46	2250.48	775.44	1222.32	522.32	518.64	1488	178.8	139.83		5573.88	3162.72	2707.56		1863.84
01May2022		188.76	91.98	2385.84	765.84	1314.24	507.52	553.76	1499.52	226.76	190.26		5552.64	3055.2	2678.4		1842.72
02May2022		182.88	120.18	2471.52	876.88	1440.12	542.64	561.12	1505.52	225.56	152.7		6296.4	3462.96	3400.92		2367.36
03May2022		146.58	56.4	2256	605.36	1425.12	425.36	505.92	1354.32	225.36	124.56		6014.88	3368.64	3114.72		2213.4
04May2022		125.04	55.08	2276.88	618.56	1410.24	409.84	546.8	1414.08	231.08	92.34		5955.12	3294.24	3121.2		2227.8
05May2022		125.7	44.28	2042.16	567.28	1359.12	365.6	500.88	1270.8	224.36	87.78		5771.16	3409.92	3126.96		2163.36
06May2022		121.74	47.16	2121.36	516.72	1233.36	353.76	490.72	1292.64	213.28	102.42		5606.64	3361.68	3017.16		1966.2
07May2022		99.78	74.94	2028	441.52	1197.48	323.28	414.96	1134.96	191.28	86.28		5146.56	3043.68	2381.4		1592.4
08May2022		124.14	58.14	1878.48	433.68	1183.8	303.68	432.24	759.36	183.76	88.11		5308.92	2855.04	2257.56		1566.48

Day	[PROTECTED DATA BEGINS…	ALBERTA	ANGUS ROAN	APPLETON NW	ARGYLE	AUDUBON	BADGER, MN	BARRETT	BATTLE LAKE	BEARDSLEY	BEJOU	[PROTECTED DATA BEGINS…	BEMIDJI 25TH ST.	BEMIDJI AIRPORT	BEMIDJI HIGH SCHOOL	[PROTECTED DATA BEGINS…	BEMIDJI INDUSTRIAL PARK
09May2022		121.74	78.36	2204.4	555.12	1313.28	361.44	508.96	1296.48	207.32	101.76		5845.68	3492.72	3194.28		1936.08
10May2022		125.82	78.96	2024.88	592.56	1402.56	379.44	491.28	1220.64	176.72	86.1		5740.56	3346.08	3207.24		1982.04
11May2022		128.52	88.2	2104.8	562.08	1421.04	364.96	493.04	1234.56	170.44	99.57		5618.16	3350.64	3059.28		1981.44
12May2022		0	79.68	495.12	599.2	1441.08	388.8	0	1098.48	176.16	94.2		5826.24	3375.12	3138.12		1955.52
13May2022		0	103.14	1446.96	571.92	1239.72	400.16	475.76	1058.88	175.88	89.73		6019.56	3297.84	3235.68		1918.56
14May2022		100.68	55.26	1486.56	504.72	1226.16	342.24	388.56	1083.12	199.12	89.04		5230.44	3031.2	2464.2		1579.44
15May2022		117.84	88.92	1904.88	490.56	1227.36	359.84	415.2	1127.76	183.24	65.76		5054.76	2771.04	2221.2		1575.48
16May2022		139.26	111.3	1918.32	630.72	1341.6	389.76	470.4	1220.64	181.44	91.53		5580.72	3423.84	2852.64		2022.24
17May2022		134.58	103.5	2106.72	585.84	1433.16	355.92	497.6	1215.12	179.84	87.66		5485.32	3379.44	2864.16		2096.28
18May2022		151.38	94.5	1955.52	618.48	1354.92	391.92	460.4	1197.12	201.72	103.05		5053.68	3453.84	3125.88		2038.44
19May2022		150.6	89.82	2059.2	623.92	1388.76	407.52	493.52	1214.16	211	101.1		5146.92	3196.8	2986.2		1968.24
20May2022		159.42	128.76	2126.4	621.92	1252.44	444.72	497.12	1301.76	220.96	109.89		5532.48	3326.16	2938.32		1941.12
21May2022		136.32	97.86	2089.68	569.84	1216.44	439.84	488.4	1376.16	208.44	114.75		5193	3048	2390.04		1669.32
22May2022		124.44	47.28	2081.52	540.64	1213.56	369.68	484	1293.6	206.84	65.85		5166.36	2865.12	2312.64		1624.32
23May2022		158.04	53.1	2104.8	559.12	1434.12	375.92	499.44	1253.52	211.88	92.37		5716.44	3386.64	2918.88		1996.68
24May2022		123.66	99.66	2107.68	571.84	1351.68	391.76	490.32	1216.32	204.44	91.74		5579.64	3356.88	2847.6		2008.44
25May2022		141.48	96.54	2133.36	593.28	1454.52	358.56	477.2	1199.28	202.76	99.6		5623.92	3370.8	2871.72		1930.8
26May2022		145.14	93.96	1905.84	571.2	1465.08	359.92	491.2	1242.72	205.44	77.64		5540.76	3372.48	2851.92		2036.64
27May2022		141.48	57.72	2151.84	586	1256.16	353.04	490.88	1139.28	196.96	77.76		5554.8	3358.08	3040.92		1893
28May2022		118.38	102.48	1940.4	442.88	1235.16	276.64	375.28	1042.08	138.08	82.02		5427	3064.8	2261.88		1545.24
29May2022		124.98	60.12	1971.6	420	1201.08	277.44	423.84	1063.68	147.84	86.34		5365.44	2926.56	2320.56		1506.6
30May2022		156.36	59.04	2042.4	415.12	1197	271.52	0	407.28	141.2	89.73		5844.96	3167.28	2413.8		1677.6
31May2022		139.08	69.12	1918.56	516.48	1320.6	325.68	449.52	1120.08	162.12	38.97		6013.08	3426	3101.4		1864.44
01Jun2022		126.48	61.92	2066.88	578.4	1350.36	370.96	478.24	1225.2	194.08	87.84		5468.4	3296.64	2819.16		1955.76
02Jun2022		120.18	91.14	2036.16	543.68	1364.16	346	477.2	1203.84	158.24	72.33		5592.96	3301.68	2737.08		1886.28
03Jun2022		133.02	49.8	1953.12	502	1169.52	379.52	469.6	1272.24	179.44	68.37		5542.92	3350.88	2896.2		1858.32
04Jun2022		109.32	45.06	1963.68	441.04	1177.08	345.44	381.6	1098	137.12	66.78		5159.52	2838	2206.08		1531.8
05Jun2022		123.96	49.32	1925.52	421.6	1177.2	312	369.2	1035.84	160.92	63.9		4926.24	2636.16	2118.96		1503.48
06Jun2022		124.8	48.84	2123.76	514.88	1323	352.8	473.76	1155.12	160.28	78.51		5359.68	3331.2	2777.4		1818.84
07Jun2022		122.46	60.3	2174.4	608.08	1320.36	299.04	469.6	1176.72	157.08	77.31		5412.96	3317.28	2635.2		1760.4
08Jun2022		131.52	49.08	2019.84	500.24	1326.72	348.56	467.92	1195.68	178.6	81.93		5466.6	3360.72	2668.68		1780.92
09Jun2022		122.46	47.82	2167.68	595.2	1329.84	335.84	447.6	1221.36	157.16	74.01		5506.56	3304.32	2821.32		1842.96
10Jun2022		121.14	58.14	2014.32	581.04	1254.96	307.36	470.64	1170	168.76	92.85		5718.96	3536.16	2957.76		1864.32
11Jun2022		134.46	105.3	2160.96	424.08	1281.48	266.48	386.64	1098.96	141.16	85.83		5533.2	3235.68	2483.28		1560.36
12Jun2022		127.68	149.1	2188.8	399.92	1228.8	258.16	410	1056.72	150.68	58.35		5350.68	2932.8	2343.24		1523.16
13Jun2022		154.68	143.82	2541.6	583.2	1573.2	323.52	552.32	1344.48	201.64	96.48		6341.76	4034.64	3425.04		1978.08
14Jun2022		184.44	58.92	3046.8	671.28	1547.64	305.6	582.8	1390.8	223.76	123.81		6242.76	3848.64	3329.64		1936.92
15Jun2022		150	66.42	2375.52	590.24	1533.12	295.76	547.2	1297.2	199.56	102.09		6145.2	3716.4	3258.72		2013.72
16Jun2022		136.44	63.24	2253.6	610.64	1469.28	305.52	464.56	1169.04	161.6	97.32		5950.08	3480.24	3110.76		1912.2
17Jun2022		141.9	63.54	2102.4	603.84	1292.16	332	480.08	1214.64	146.64	77.01		5855.76	3506.64	2850.84		1797.36
18Jun2022		128.46	52.8	2164.8	440.32	1296.12	274.72	446.24	1134.48	158.48	83.13		5673.6	3171.6	2516.4		1576.44
19Jun2022		151.68	105.24	2655.6	504.64	1483.56	257.76	491.44	1343.76	234.04	88.11		5865.12	3128.64	2543.76		1616.04
20Jun2022		181.38	0	3107.04	773.12	1704.36	414.8	669.68	875.52	263	0		8211.24	4428	4286.88		2656.2
21Jun2022		145.74	92.76	2616.72	569.92	1560.6	361.6	530.4	1064.4	232.8	119.16		7185.96	3874.32	3577.32		2284.32
22Jun2022		122.52	52.62	2322.24	615.52	1479.72	315.68	521.84	1271.04	160.32	81.81		5926.32	3545.04	3227.4		2066.04
23Jun2022		125.16	61.38	2572.08	543.68	1570.2	317.04	521.6	1318.56	161.6	99.72		6351.48	3955.44	3615.84		2087.28
24Jun2022		164.88	68.58	2894.88	643.76	1531.8	325.2	614.24	1506.96	225.8	9.33		7001.28	4288.56	3814.2		2122.8
25Jun2022		115.14	80.4	2489.28	496.56	1248.96	278.32	0	1181.28	193.32	96.12		6248.16	3380.16	2857.68		1798.56
26Jun2022		88.62	64.98	1804.56	382.72	1172.64	249.52	395.68	1106.4	127.76	68.28		5140.44	2781.36	2362.32		1579.8
27Jun2022		104.52	63.54	2132.4	504.64	1347.72	304.72	491.92	1206.96	142.52	84.87		5463.72	3447.12	2865.6		1857.12
28Jun2022		125.52	190.08	2419.44	600.16	1437.96	272.4	484.08	1207.2	176.16	77.25		5898.24	3550.56	3130.92		1955.4
29Jun2022		122.94	190.08	2045.76	604.4	1384.32	314.96	471.68	1224.72	208.4	98.67		5405.76	3364.08	2673		1879.32
30Jun2022		138.72	190.08	2910	630.88	1428.24	289.68	537.6	1332	214.64	94.74		6030.36	3665.52	0		1960.32
01Jul2022		120	57.06	2571.6	507.2	1293	315.36	473.2	1241.52	203.08	81.48		5780.16	3370.8	2787.48		1827
02Jul2022		108.78	48.66	2517.36	380.8	1145.4	257.44	403.68	1187.04	154.24	67.08		5422.32	2942.16	2355.48		1505.16
03Jul2022		108.06	40.98	2241.36	379.6	1178.76	222.72	420.56	1213.44	151.32	78.3		5508	2901.12	2374.56		1585.08
04Jul2022		117.6	68.64	2153.04	414.64	1299.36	246.16	499.04	1341.6	0	96.09		6100.56	3821.76	2931.12		1730.16
05Jul2022		178.98	73.8	2414.4	579.92	1489.08	298.88	501.44	1397.52	178.76	114.15		6762.96	4030.32	3535.56		2125.68
06Jul2022		118.98	82.68	2603.76	611.04	1492.44	292.16	480.08	1303.2	183.4	84.93		6486.84	3853.92	3224.88		1983.12
07Jul2022		124.5	44.76	2737.44	615.6	1554.36	312.64	510.56	1416.96	180.32	96.39		6779.52	3930.72	3525.84		2098.68
08Jul2022		130.86	41.64	3249.12	602.64	1339.08	285.28	509.52	1318.08	163.12	95.19		6372.72	3760.08	3099.96		1958.28
09Jul2022		124.5	41.58	2746.8	448.72	1310.88	272.88	453.84	1275.12	163.28	83.91		6118.56	3252.72	2677.32		1659.36
10Jul2022		131.52	63.72	2515.92	521.28	1447.44	304.64	477.2	1403.04	189.36	100.74		6939	3471.36	2961.36		1868.88
11Jul2022		136.86	62.22	2818.56	549.84	1538.52	310.88	548.72	1411.44	173.2	98.85		6974.28	3870.24	3470.04		2152.92

Day	[PROTECTED DATA BEGINS…	ALBERTA	ANGUS ROAN	APPLETON NW	ARGYLE	AUDUBON	BADGER, MN	BARRETT	BATTLE LAKE	BEARDSLEY	BEJOU	[PROTECTED DATA BEGINS…	BEMIDJI 25TH ST.	BEMIDJI AIRPORT	BEMIDJI HIGH SCHOOL	[PROTECTED DATA BEGINS…	BEMIDJI INDUSTRIAL PARK
12Jul2022		123.84	118.56	2540.4	504.96	1437.36	305.6	495.92	1301.76	190.2	81.69		6273	3744.48	3204.72		1308.6
13Jul2022		125.22	94.02	2734.56	495.76	1474.32	293.04	485.28	1352.64	198.64	95.4		6135.12	3588	3169.08		1955.88
14Jul2022		129	73.62	2457.36	545.68	1541.16	309.92	493.6	1291.68	178.88	99.33		6369.84	3666.24	3261.24		1956.96
15Jul2022		141.06	81.84	2635.68	459.84	1479.72	303.92	515.28	1398.24	192.12	88.77		6352.92	3714.96	3198.6		1898.76
16Jul2022		137.88	62.4	2779.68	500.8	1402.32	295.68	489.44	1403.52	214.4	95.7		6481.44	3483.36	2874.96		1733.04
17Jul2022		127.14	102.42	2362.08	432.72	1385.88	292.72	419.68	1247.52	162.36	78.42		2454.12	3963.6	2793.96		1661.4
18Jul2022		154.38	59.22	2912.64	728.56	1714.92	381.84	584.48	1594.08	204.4	127.32		7758.72	4620.96	4332.96		2397.84
19Jul2022		159.24	71.34	3371.76	674.64	1695	381.36	616	1684.8	251	123.15		8049.6	3920.16	3613.32		2538.6
20Jul2022		135.6	100.68	2881.2	629.52	1569.36	313.2	540.56	1432.32	201.12	103.68		6719.4	4109.04	3733.92		2229.96
21Jul2022		122.22	77.94	3006	541.12	1497.6	299.76	524.24	1378.32	183.6	108.39		6355.08	3811.44	3563.64		2081.28
22Jul2022		124.32	76.56	2921.28	499.52	1436.52	312.16	507.44	1412.64	187.76	99.48		6541.2	3909.36	3499.2		2047.68
23Jul2022		125.1	99.36	2785.92	436.88	1307.76	277.36	452.88	1426.32	190.88	91.83		6358.68	3459.84	2855.88		1681.44
24Jul2022		108.54	58.38	2219.04	387.92	1283.76	251.84	384.96	1175.28	151.72	68.25		5560.2	2981.52	2612.52		1593.84
25Jul2022		109.02	55.68	2166.96	490.88	1347	270.4	438.64	1251.6	145.48	84.84		5465.88	3418.8	2861.64		1851.72
26Jul2022		130.92	74.04	2366.16	534.88	1540.56	0	459.28	1244.16	158.28	101.94		6239.16	3822	3426.48		1950.6
27Jul2022		118.32	56.76	2466.24	590.24	1499.52	281.36	430.32	1184.88	154.72	79.32		5907.24	3576.24	3083.4		2035.32
28Jul2022		115.8	83.52	2544.96	465.68	1438.8	282.72	429.6	1158.48	168.64	93.36		5552.28	3499.92	2965.32		1983.72
29Jul2022		97.08	59.76	2361.84	548.56	1333.92	265.36	427.84	1186.56	150.56	80.16		5515.92	3483.6	2818.44		1779.12
30Jul2022		99.9	60.48	2548.08	407.2	1311.84	252.24	370.24	1144.08	140.84	81.93		5624.28	3138.96	2606.04		1587.24
31Jul2022		109.26	77.28	2594.64	452.8	1375.8	287.36	415.92	1255.68	163.32	93.87		6373.44	3290.16	2827.08		1728.6
01Aug2022		114.9	38.28	2495.76	554.88	1457.52	261.36	467.12	1257.84	151	87.81		5817.24	3684	3076.56		2004.48
02Aug2022		128.28	54.84	2708.88	602.56	1577.64	286.8	496.72	1320.72	215.92	93.45		5960.16	3767.28	3256.56		1961.52
03Aug2022		144.78	66.42	3025.92	571.04	1571.88	290.48	552.08	1453.68	235.92	105.75		6707.88	3615.84	3456		2171.04
04Aug2022		118.32	54.24	2569.92	471.28	1466.4	268	438.48	1235.76	208	83.88		5734.44	3494.4	2978.64		1887.36
05Aug2022		129.6	78.3	2816.4	508.32	1447.92	315.52	493.6	1362	234.04	112.59		6631.56	4108.56	3417.48		2064.48
06Aug2022		130.2	43.86	2671.2	395.6	1343.76	265.6	463.92	1319.28	185.52	92.58		6432.84	3440.4	2903.4		1839.24
07Aug2022		105.24	32.28	1916.16	351.36	1233.6	236.72	377.92	1127.28	153.52	80.55		5494.68	2896.32	2484		1627.08
08Aug2022		111.6	55.2	1725.36	500.24	1275	281.68	443.92	1189.44	200.48	93.51		5470.2	3534.48	2842.2		1950
09Aug2022		204.12	68.46	1794.72	467.6	1507.8	279.84	432.96	1256.64	215.04	87.84		6040.8	3810.72	3218.4		2030.64
10Aug2022		121.8	55.26	1936.56	572.4	1488.72	279.28	498.88	1341.36	209.32	94.05		5997.24	3662.4	3060.72		1942.32
11Aug2022		125.76	47.16	2061.6	550	1519.44	261.44	486.16	1319.52	317.44	101.61		5836.68	3495.12	3014.28		1865.28
12Aug2022		119.76	75	2100.24	473.04	1458.96	289.92	484.32	1295.28	294.76	106.41		6121.08	3499.2	3158.28		1967.16
13Aug2022		112.08	47.46	2043.12	382.32	1417.8	239.6	400.4	1214.64	298.48	93.57		5858.28	3282.72	2728.8		1597.8
14Aug2022		98.28	38.58	1869.12	374.08	1317.84	239.76	350	1154.88	277.76	77.73		5455.44	2902.8	2485.8		1610.52
15Aug2022		123.06	55.86	1919.04	619.28	1493.76	291.04	483.6	1286.16	281	98.91		6364.08	3848.16	3364.56		1921.68
16Aug2022		186.9	70.02	2165.04	627.36	1645.92	303.04	474	1335.6	278.36	109.35		6562.44	4052.88	3601.44		2119.32
17Aug2022		130.98	84.6	2232.48	600.8	1602.36	290.16	466.8	1306.8	273.12	99.12		6536.16	0	3459.96		2096.28
18Aug2022		128.7	48.84	2359.92	590.72	1597.08	311.04	518	1347.6	286.36	109.83		6784.2	3769.2	3411.36		2148.6
19Aug2022		150.96	67.62	2085.84	562.08	1449.6	282.72	461.92	1244.64	187.68	100.98		6315.48	3774.96	3174.84		1989.36
20Aug2022		100.74	81.9	1876.8	414	1301.16	251.12	400.32	1133.04	155.88	85.74		5950.08	3331.2	2697.84		1645.92
21Aug2022		103.98	88.44	0	377.76	1242.84	254.08	377.92	1140.96	159.6	67.62		5240.88	2829.12	2355.12		1510.56
22Aug2022		167.7	101.7	1919.76	618.88	1485	290.4	449.84	1244.4	173.56	104.94		6155.28	3911.28	3293.28		2068.08
23Aug2022		108.96	167.46	2161.44	639.52	1554.84	316.16	479.6	1255.68	194.88	95.4		6422.4	3968.16	3408.84		2165.52
24Aug2022		112.68	119.7	2264.88	560.88	1600.44	311.2	509.92	1359.36	193.88	99.66		6663.96	3720.24	3330		2173.68
25Aug2022		113.4	198.78	2335.44	596.08	1427.64	268.24	474	1298.88	175.6	133.47		6014.52	3654.96	3137.4		1984.44
26Aug2022		106.14	267	2223.6	546.4	1303.44	291.6	444	1250.4	160.08	136.5		5633.64	3520.08	2816.64		1857.24
27Aug2022		111	133.08	2193.36	476.96	1395.36	259.84	405.2	1217.04	182.28	131.94		5995.08	3464.64	2704.68		1639.68
28Aug2022		106.08	118.68	2078.16	472.96	1396.68	266.08	385.12	1190.16	177.72	114.27		6181.92	3079.68	2750.04		1688.64
29Aug2022		106.98	148.5	2177.28	509.2	1516.56	282.72	458.8	1244.64	167.52	96.63		6014.52	3467.04	3117.96		1976.64
30Aug2022		106.68	181.68	2103.6	643.68	1456.92	319.76	436.08	1162.08	162.76	95.88		5549.04	3519.84	2998.44		2009.76
31Aug2022		108.18	216.3	2506.32	694	1593.84	293.68	441.44	1218.72	165.72	101.52		5906.52	3613.92	3128.76		2036.16
01Sep2022		114.78	189.72	2405.04	751.92	1582.08	322.8	454	1257.36	173.76	131.97		5416.56	3844.32	4374.36		2068.44
02Sep2022		137.94	274.26	2450.88	653.68	1287.6	336.4	515.68	1388.4	250.44	113.04		5741.64	3565.44	4652.64		2226.24
03Sep2022		99.48	169.8	1807.92	463.44	1198.92	246.8	356.8	1127.76	191.52	118.89		4436.28	3004.08	3226.32		1564.08
04Sep2022		96.42	155.88	1699.92	436.88	1204.56	240.16	354.32	1101.84	179.84	104.46		4367.88	2809.44	3159.36		1472.88
05Sep2022		94.98	187.14	2061.36	462.48	1139.4	244.08	395.52	1085.76	177.28	108		4516.56	3369.12	3058.2		1632.6
06Sep2022		109.74	138.42	2219.52	659.84	1483.2	335.68	468.4	1256.64	226	135.93		5190.84	3833.28	4510.8		2060.52
07Sep2022		117.06	355.68	2347.2	684.4	1393.92	294.4	500.72	1314.96	210.84	131.7		5083.92	3745.68	4225.68		2028.96
08Sep2022		120.6	357.72	2181.12	750	1672.08	341.12	578.64	1404.96	238.56	150		6021.72	4036.32	5085.36		2334.96
09Sep2022		111.78	208.68	1838.88	646.72	1227.6	307.92	484	1261.68	206.96	146.52		5268.96	3233.28	4401		2050.56
10Sep2022		104.76	274.2	1601.04	504	1155.96	285.04	371.68	1065.6	152.16	125.61		4316.04	3054.48	3046.68		1499.52
11Sep2022		103.44	172.38	1509.84	493.28	1151.28	275.76	358.64	1034.16	160.08	145.26		4088.88	2924.64	2952.36		1501.2
12Sep2022		123.72	210.6	2064.72	689.36	1294.2	309.68	470.56	1148.88	180.88	177.42		4747.68	3534.24	3367.08		1904.04
13Sep2022		117.3	156.9	1905.36	642.96	1369.44	342.24	482.72	1164.72	172.96	171.87		5673.6	3486.24	3028.68		1907.88

Day	[PROTECTED DATA BEGINS…	ALBERTA	ANGUS ROAN	APPLETON NW	ARGYLE	AUDUBON	BADGER, MN	BARRETT	BATTLE LAKE	BEARDSLEY	BEJOU	[PROTECTED DATA BEGINS…	BEMIDJI 25TH ST.	BEMIDJI AIRPORT	BEMIDJI HIGH SCHOOL	[PROTECTED DATA BEGINS…	BEMIDJI INDUSTRIAL PARK
14Sep2022		121.62	184.08	1795.2	597.52	1499.04	318	489.36	1182.96	182.44	177.93		5792.04	3461.04	3149.28		1981.08
15Sep2022		123.24	126.72	2073.36	559.84	1608.48	309.36	503.12	1173.36	196.8	186.66		6123.24	3858.48	3394.8		2158.68
16Sep2022		119.04	76.74	1956.72	529.52	1315.68	318.16	485.28	1149.12	190.96	180.15		6470.28	3564.72	3393.72		1967.52
17Sep2022		104.22	58.38	1676.88	444.48	1191.6	272.08	370.8	1037.28	174.48	166.26		5749.56	3258	2507.4		1605.72
18Sep2022		114.78	133.5	1723.44	424.56	1148.28	262.88	348.32	985.68	167.36	147.51		5580	2977.2	2452.68		1558.2
19Sep2022		124.8	150.72	1776.48	507.76	1374.84	303.04	484.96	1148.4	190.12	173.01		6028.2	3574.32	3236.4		2014.68
20Sep2022		122.64	173.1	1931.76	672.96	1504.08	312.24	499.28	1158.48	186.56	168.54		5966.64	3457.44	3264.12		1966.44
21Sep2022		114.84	111.9	1774.56	656.48	1358.16	324.16	433.2	1120.56	195.32	175.65		5875.92	3236.64	3126.6		1904.52
22Sep2022		109.68	166.5	1752.72	564.32	1282.2	362.4	469.28	1154.64	0	183.03		5555.88	3098.4	2897.28		1929.48
23Sep2022		111.48	267.3	1735.44	585.36	1211.04	354.96	490.32	1146.72	132.76	148.8		5632.92	3162.48	2950.92		1979.52
24Sep2022		108.24	209.58	1596	475.68	1134	287.04	408.48	1062.96	125.92	123.72		5271.48	3137.28	2478.6		1627.92
25Sep2022		97.92	243.12	1560	447.76	1153.68	315.44	380.24	1080.96	160.52	111.6		5150.88	2787.6	2444.04		1527.96
26Sep2022		144.54	220.98	1800.96	636.88	1321.2	394.96	491.68	1181.04	192.36	132.75		5626.8	3253.44	2928.6		2002.8
27Sep2022		122.16	188.1	1872.24	622.08	1351.56	398.56	503.2	1231.68	192.4	135.06		5658.84	3256.08	2978.64		2117.52
28Sep2022		172.44	248.46	1813.44	650.08	1373.52	389.84	474.56	1244.4	189.64	95.88		5685.48	3266.4	3122.64		2094.48
29Sep2022		152.58	230.76	1878.48	621.2	1430.4	353.92	501.52	1199.52	198.72	101.79		5641.56	3260.88	3125.52		2084.04
30Sep2022		118.2	236.4	1902	625.92	1190.04	319.28	424.4	1162.56	183.68	91.29		5785.2	3322.8	3101.76		1948.8
01Oct2022		107.04	253.56	1930.8	499.6	1156.2	284	369.92	1010.64	163.2	87.54		5338.08	3131.04	2421.36		1512.6
02Oct2022		104.64	295.68	1700.4	478.24	1144.2	304.8	361.92	1062.24	166.72	75.06		5197.68	2927.52	2434.68		1510.08
03Oct2022		138.9	408.18	1901.76	651.68	1359.6	324.24	471.76	1113.84	190.32	101.16		5794.56	3391.44	3045.24		1884.72
04Oct2022		122.34	118.38	1886.4	635.44	1392.24	292.96	495.04	1063.44	210.52	105.63		5919.48	3489.84	3194.28		1968.36
05Oct2022		133.92	246.54	1908.24	652.88	1434.72	319.92	464.48	1080.24	202.52	101.37		5784.12	3413.28	3193.2		1939.08
06Oct2022		129.24	291.3	1934.88	874	1361.76	388.72	511.2	1172.88	195.8	103.71		5520.96	3300.48	2956.32		1970.64
07Oct2022		147.78	273.48	2289.6	827.04	1162.8	419.44	577.12	1358.4	278.32	87.81		5686.56	3255.6	2924.28		2062.92
08Oct2022		161.28	255.84	2123.52	734.32	1134.36	362.24	485.2	1204.08	262.24	98.22		5236.92	2983.44	2570.76		1737.72
09Oct2022		131.94	274.92	1921.92	734.24	1193.16	352.4	466.4	1180.56	340.4	59.01		5074.92	2916.72	2371.68		1675.2
10Oct2022		224.22	261.42	2122.32	610.8	1335.36	373.92	495.44	1130.4	397.84	95.31		5688	3322.32	3107.16		2170.8
11Oct2022		524.58	148.5	2001.6	654.8	1333.68	319.12	534.24	1101.6	350.36	94.62		6063.48	3324	3188.88		2041.92
12Oct2022		262.26	321.24	2043.6	878.64	1317.36	411.52	570.56	1270.56	424.08	108.63		5502.96	3294.72	2982.6		2079.48
13Oct2022		159.12	222.72	2420.4	783.28	1362.84	478.32	647.44	1470	409.6	120.03		5852.16	3486.72	3312.72		2244.84
14Oct2022		642.6	253.38	2656.56	854.64	1226.76	465.76	669.52	1731.36	445.08	117.63		5885.28	3377.04	3201.48		2223.84
15Oct2022		618.6	264.3	2500.32	838.64	1230.72	435.36	566.88	1487.52	375.2	112.8		5383.08	3192	2691.72		1888.08
16Oct2022		678.96	221.4	2234.16	866.64	1292.76	484.16	567.68	1487.04	357.24	113.04		5420.52	3132.96	2679.12		1845.84
17Oct2022		622.62	233.94	2654.16	635.28	1483.2	557.68	707.36	2117.76	399.16	127.38		6303.24	3575.52	3428.28		2388.96
18Oct2022		235.14	233.7	3089.04	939.44	1394.16	552.96	704.88	2672.88	415.12	118.8		6521.76	3488.16	3393.72		2515.44
19Oct2022		565.02	237.42	2837.76	780.96	1386.12	471.76	588.48	2433.6	400.28	107.64		6354.36	3295.44	3190.32		2400.84
20Oct2022		203.88	283.56	3078.96	727.68	1338.96	440.24	574.64	1432.08	320.04	123.54		5916.6	3234.48	3064.68		2265.12
21Oct2022		537.96	268.8	3026.64	686.88	1174.08	384.4	517.6	1187.76	314.28	187.83		5706	3197.28	2866.32		2075.4
22Oct2022		179.34	401.4	2701.2	667.76	1160.76	391.04	447.68	1134.24	307.68	134.61		5196.6	3114.48	2544.84		1759.32
23Oct2022		235.62	317.04	1768.56	518.32	1252.44	354.16	439.92	1137.36	266.32	138.78		5103	2880.96	2537.28		1754.28
24Oct2022		204.78	264	1953.36	674.4	1377	368.4	501.92	1079.76	219.68	156.78		6080.04	3340.32	3135.6		2047.2
25Oct2022		486	321.12	3026.88	846.08	1417.32	498.72	518.56	1391.76	299.52	183.24		5861.88	3426.96	3248.28		2299.2
26Oct2022		499.74	331.32	2877.84	737.36	1402.44	531.92	537.84	1497.12	296	253.62		6211.08	3356.4	3270.24		2383.56
27Oct2022		340.8	357.96	2252.16	804.56	1424.52	434	525.6	1479.84	293.28	256.62		6318.36	3337.44	3195		2332.44
28Oct2022		315.18	296.7	2414.16	743.52	1186.8	420.48	527.04	1244.64	259.52	347.19		5964.48	3230.88	2989.44		2112.36
29Oct2022		246.72	280.02	2343.12	782.64	1184.64	414.96	446.88	1187.76	253.96	333		5428.8	3007.68	2516.04		1810.32
30Oct2022		254.76	220.2	2208.96	692.32	1182.84	382.88	434.56	1195.92	259.28	290.79		5455.8	3054.48	2611.08		1886.88
31Oct2022		322.5	270.72	2389.68	800.72	1405.08	435.12	519.44	1264.8	224.32	297.18		6146.28	3206.4	3040.2		2232
01Nov2022		347.46	171	2100.48	747.36	1419	405.28	521.68	1199.76	210.16	333.09		5823	3321.12	3221.64		2309.76
02Nov2022		368.16	219.78	2382.72	672.08	1410.36	384.4	493.6	1155.36	225.76	334.77		5874.12	3375.84	3276.72		2213.88
03Nov2022		290.82	235.32	2419.92	859.44	1373.04	431.76	525.6	1268.88	228.48	311.88		5959.44	3436.32	3135.96		2124.24
04Nov2022		327.3	120	2424	848.32	1240.32	519.28	527.04	1521.12	280.68	256.62		6136.56	3463.68	3050.28		2277.72
05Nov2022		341.22	126	2498.16	775.28	1270.92	464.4	466.88	1472.16	274.64	303.39		5957.64	3307.68	2868.84		2157.6
06Nov2022		393.78	190.38	2201.28	836.32	1299.48	475.36	515.44	1637.28	285.04	237.87		5693.76	3021.84	2737.44		2014.68
07Nov2022		444	157.2	2885.76	1007.68	1394.28	585.52	592.16	1773.6	275.16	263.19		6670.8	3579.84	3500.64		2581.44
08Nov2022		239.16	110.4	2142	922	1485.12	549.36	534.64	1517.04	257.52	208.62		6500.88	3324	3306.96		2451.6
09Nov2022		221.28	94.86	2103.6	816.48	1520.28	586.16	541.2	1512.24	214.68	222.87		6139.44	3524.88	3362.76		2380.68
10Nov2022		257.22	122.1	2119.44	804.32	1441.2	636.16	674.4	1663.68	262	136.08		6350.4	3535.44	3516.48		2462.64
11Nov2022		321	124.14	2987.76	887.84	1361.88	590.64	638.8	1883.52	305.04	160.47		6386.4	3678.72	3363.84		2403.24
12Nov2022		277.62	109.92	2709.6	940.64	1315.56	586.96	653.52	1888.32	277	240.15		6339.24	3495.84	3105.36		2230.68
13Nov2022		251.7	110.52	2742.96	951.12	1305.96	587.44	689.2	1946.88	296.28	217.26		6342.84	3285.6	3101.76		2346.12
14Nov2022		279	88.56	2738.4	823.92	1530.6	581.68	665.84	1878.24	274.12	192.48		6871.32	3548.16	3640.68		2720.88
15Nov2022		283.08	137.16	2641.92	1156.48	1601.16	546.8	724	1888.8	293.64	179.79		6807.6	3682.32	3553.2		2619.6
16Nov2022		326.34	122.7	2664.72	922.32	1602.96	659.12	800.24	1996.56	267.12	173.37		6805.8	3767.52	3697.2		2681.88

	[PROTECTED DATA BEGINS…											[PROTECTED DATA BEGINS…				[PROTECTED DATA BEGINS…	
Day		ALBERTA	ANGUS ROAN	APPLETON NW	ARGYLE	AUDUBON	BADGER, MN	BARRETT	BATTLE LAKE	BEARDSLEY	BEJOU		BEMIDJI 25TH ST.	BEMIDJI AIRPORT	BEMIDJI HIGH SCHOOL		BEMIDJI INDUSTRIAL PARK
17Nov2022		444.48	105.66	2886	978.64	1616.64	626.24	743.28	2044.56	288.36	174.33		7067.52	3789.36	3806.64		2840.28
18Nov2022		465.66	122.52	2790.96	906.8	1395.36	708.08	825.6	2181.84	326.4	255.39		7403.04	3779.76	3814.92		2874.12
19Nov2022		475.14	124.86	3736.08	874.8	1463.76	666.24	758.8	2124.24	306.72	234.27		6892.92	3791.76	3396.96		2548.92
20Nov2022		442.26	112.98	3543.12	820.64	1366.08	643.36	670.24	1817.52	289.2	155.76		6900.12	3408.24	3350.52		2616.24
21Nov2022		459.6	116.16	3422.16	929.92	1572.12	607.2	710	2010.96	292.4	207.96		7246.8	3694.32	3727.08		2886.72
22Nov2022		303.12	96.18	3402.72	904.48	1505.16	571.68	632.24	1800.72	257.24	174.42		7036.2	3643.68	3619.8		2743.44
23Nov2022		308.94	126	2441.76	860.96	1484.88	536.48	618.8	1657.44	253.8	205.74		6753.24	3571.44	3570.12		2579.64
24Nov2022		275.22	95.28	2233.68	729.36	1169.76	536.96	585.28	1530.96	220.4	189.33		6198.48	2822.64	3086.64		2265.96
25Nov2022		269.16	106.86	2401.44	740.08	1209.84	561.76	572	1635.12	208.52	193.38		6440.04	3401.52	3115.08		2438.88
26Nov2022		281.7	99.72	2472	685.44	1231.92	522	540.8	1477.92	213.2	218.52		5836.68	3349.68	2859.48		2072.28
27Nov2022		291.6	92.52	2535.12	773.2	1289.52	611.6	595.52	1649.28	223.88	233.73		6262.56	3182.16	3014.64		2191.44
28Nov2022		311.46	110.88	2490	848.48	1506	592.32	661.68	1710.24	246.2	218.1		6855.12	3617.76	3719.16		2672.76
29Nov2022		383.46	124.32	2904.96	936	1596.72	687.6	778.32	2085.84	288	275.94		6997.68	3807.84	3858.48		2781.6
30Nov2022		342.42	134.52	2931.6	988.56	1684.08	826.56	891.28	2379.84	328.88	277.71		7593.48	4025.76	4131		3030.24
01Dec2022		301.74	111.72	2904.72	893.68	1520.28	695.2	736	1983.84	299.88	162.96		7517.16	3817.44	3987		2913.6
02Dec2022		282.9	130.08	2911.2	924.16	1469.4	707.28	781.36	1906.08	261.44	199.86		6936.84	3819.36	3893.4		2728.2
03Dec2022		304.14	134.34	2918.88	952.64	1550.76	815.36	802.32	2329.68	321.52	231.09		7513.2	3877.2	3659.76		2878.08
04Dec2022		292.8	123	2684.4	910.8	1361.52	738.24	698.88	1916.4	294.24	175.59		7228.08	3537.36	3596.04		2704.32
05Dec2022		285.12	143.04	2570.64	955.12	1575.48	777.84	889.2	2104.56	288.92	291.57		7346.16	4068.48	4056.12		2926.44
06Dec2022		314.16	140.28	2942.4	1070.08	1651.68	869.28	868.32	2274.48	300.76	250.41		7840.44	4021.44	4159.8		3097.56
07Dec2022		316.5	148.32	3123.36	1142.08	1667.28	851.68	841.04	2329.68	344.8	225.66		7835.76	4158	4310.64		3181.68
08Dec2022		326.28	125.4	2891.76	961.12	1597.92	772.24	765.2	2099.76	362.52	159		7900.2	3823.92	4326.84		3019.44
09Dec2022		292.5	119.52	2655.84	841.68	1395.84	656.8	719.6	1928.4	322.32	177.72		8744.4	3745.92	5628.24		2794.8
10Dec2022		292.02	100.2	2452.56	751.36	1387.92	647.76	656.08	1814.88	300.2	166.83		7659.72	3552.48	5010.12		0
11Dec2022		317.16	99.12	2792.64	710.4	1407.72	572.16	652.16	1713.12	343.68	199.83		7374.96	3208.8	4573.44		2206.68
12Dec2022		347.04	94.02	2842.8	856.8	1549.56	637.36	720.96	2002.8	319.36	265.08		7558.92	3742.32	3784.68		2659.92
13Dec2022		310.32	115.44	2781.12	832.56	1525.32	623.2	690.8	1908.96	267.92	266.52		6829.56	3710.16	3810.6		2595.12
14Dec2022		280.56	104.46	2610.96	779.68	723.84	602.48	673.28	1845.36	169.88	246.57		6716.16	3662.88	3676.68		2583.12
15Dec2022		305.4	106.74	2485.44	820.4	1552.32	604.32	683.2	1790.64	262.56	236.88		6635.52	3552.72	3514.68		2534.28
16Dec2022		309.42	132	2651.04	912.64	1400.16	660.88	753.44	1941.36	312.32	250.23		6827.4	3773.76	3770.28		2543.64
17Dec2022		328.26	151.38	2652.24	865.04	1487.28	721.6	770.32	2206.32	333.24	317.76		6716.52	3700.08	3371.04		2441.88
18Dec2022		321.72	156.6	3294.24	986	1570.2	723.36	852.56	2267.04	371.48	311.67		7292.88	3642.48	3588.84		2809.56
19Dec2022		337.68	164.7	3222.96	1071.2	1725	811.2	895.52	2389.2	354.2	335.22		7942.68	4067.04	4306.32		3209.88
20Dec2022		328.68	173.58	3541.44	1142.88	1879.8	855.52	991.52	2839.92	402.08	386.37		8213.76	4285.92	4558.32		3375.72
21Dec2022		344.7	179.46	3192.48	1222.16	1857.12	920.08	1011.68	2819.76	440.24	343.74		8660.52	4301.52	4623.84		3551.76
22Dec2022		399.54	179.52	3216	1184.72	1825.68	899.12	1067.28	2984.88	489.8	394.05		8469	4402.8	4814.28		3435.12
23Dec2022		408.3	207.66	3276.72	1185.76	1727.04	895.6	1040.56	2766.24	480.56	347.82		8431.2	4378.56	4430.88		3382.8
24Dec2022		386.46	189	3151.92	1120.64	1571.76	905.92	936.64	2718.72	436.56	365.34		8372.88	3842.88	4231.08		3081.6
25Dec2022		334.68	182.28	2943.84	1066.24	1508.88	835.68	891.6	2563.68	398.08	273.18		7761.96	3472.08	4090.68		2972.16
26Dec2022		294.84	172.86	2903.04	1044.64	1528.92	822.32	879.12	2351.04	366.28	316.5		7832.16	3899.28	4026.96		2973.12
27Dec2022		334.86	165.18	2671.44	962.4	1573.92	728	785.36	2271.6	336.28	297.39		7553.52	3821.04	3864.6		2927.88
28Dec2022		261.42	137.46	2380.08	869.68	1490.64	675.2	670.72	2008.08	299.6	242.4		7020	3667.68	3687.84		2721.6
29Dec2022		263.46	119.82	2686.32	879.28	1569.24	662.48	788.96	2042.4	300.84	273.24		6824.88	3759.12	3585.96		2568.24
30Dec2022		297.54	136.86	3184.32	926.96	1422.96	699.68	761.04	2033.28	343.6	264.36		7213.68	3846	3808.08		2719.08
31Dec2022		259.2	131.46	2858.64	835.2	1311.84	689.12	681.04	1928.16	312.76	269.94		6863.76	3410.4	3502.08		2503.44
	…PROTECTED DATA ENDS]											…PROTECTED DATA ENDS]				…PROTECTED DATA ENDS]	

Day	BEMIDJI NYMORE	[PROTECTED DATA BEGINS…	BRANDON	[PROTECTED DATA BEGINS…	CANBY NE	CANBY SW	CARLOS JUNCTION	CASS LAKE - CASINO FEEDER	CASS LAKE NORTH	CHOKIO	CLEARBROOK	CLIMAX	CLINTON	CLONTARF	CORRELL	[PROTECTED DATA BEGINS…	CROOKSTON BARRETTE ST.	CROOKSTON PARK VIEW
01Jan2022	3213.36		1834.44		1315.08	2063.64	674.64	968.04	999.72	937.88	1059.28	691.83	711.4	159.8	62.761		2923.44	4401.84
02Jan2022	3332.52		1714.32		1279.56	1923.48	720.18	893.16	970.2	859.16	995.84	518.4	683.36	153.62	58.63		2841.72	4360.8
03Jan2022	3230.28		1330.38		980.04	1843.44	776.04	830.88	960.84	637.48	911.84	674.52	544.88	141.22	55.845		2442.48	4082.64
04Jan2022	3038.04		1528.74		1252.2	1993.92	722.94	858.96	932.04	710.68	985.2	650.67	613.48	145.88	65.668		2475.36	4044.24
05Jan2022	3238.92		1950.72		1371.72	2158.2	841.62	925.56	982.44	846.64	1070.72	672.9	689.24	188.92	69.125		2717.28	4383.84
06Jan2022	3439.08		1628.4		1413.72	2195.28	936	962.28	1072.44	881.96	1146.32	677.94	733.64	189.38	62.546		2837.16	4569.36
07Jan2022	3565.8		1999.02		1396.08	2001.36	724.08	984.96	1028.16	896.36	1126.8	741.57	742.68	159.76	68.085		2826.96	4405.2
08Jan2022	2932.2		1566.18		1122.84	1916.4	631.32	873	872.64	594.16	966.88	586.95	567.24	127.24	52.448		2340.24	3753.6
09Jan2022	3155.4		1933.74		1202.16	1957.08	699.72	983.16	964.08	775.36	989.2	683.22	612.12	154.14	60.098		2605.8	4344.72
10Jan2022	3469.68		1951.92		1228.92	1702.44	864.06	928.44	1064.16	746.88	1058.8	692.52	626.76	152.56	69.37		2747.16	4434
11Jan2022	2958.12		1397.76		1013.16	1327.32	726.84	849.6	898.92	640.92	896.96	520.62	537.24	129.16	48.868		2153.52	3743.28
12Jan2022	2765.52		1305.42		874.68	1289.64	760.62	840.24	860.4	613.44	851.52	493.83	495.88	124.82	47.124		2141.16	3704.64
13Jan2022	2832.48		1415.04		1031.76	1392.6	743.22	833.76	870.48	698.04	878	535.44	555.64	135.32	45.074		2208	3777.36
14Jan2022	3012.12		1472.88		1023.6	1501.8	638.1	858.6	923.04	692.16	990	590.58	572.64	132.02	52.142		2310.6	4071.12
15Jan2022	3139.2		1587.96		1185	1621.8	678.54	808.2	893.16	756.92	889.12	597.96	631.2	147.5	56.243		2531.52	4098.24
16Jan2022	2711.16		1165.44		1023.36	1409.4	625.5	793.08	854.28	669.08	814.56	507.69	566.28	126.22	47.308		2172.96	3681.12
17Jan2022	2678.4		1360.86		956.52	1398.96	796.32	753.84	846	645.52	851.6	508.41	523.52	133.6	48.348		2225.76	3675.6
18Jan2022	2644.2		1513.98		925.8	1505.04	787.98	765	827.28	641.28	889.04	523.23	495.36	138.78	45.257		2150.16	3709.2
19Jan2022	2939.04		1323.54		1285.92	1753.68	824.04	875.16	958.32	778.52	1003.04	641.46	650.56	168.62	41.004		2683.32	4600.56
20Jan2022	3367.8		1895.1		1201.2	1716.96	794.1	965.16	1062	831.68	1041.12	699.18	654.88	174.92	62.914		2662.08	4676.4
21Jan2022	3213.72		1586.16		1127.16	1557	658.2	856.08	975.96	714.88	966.32	570.84	628.96	142.78	55.325		2529.96	4070.16
22Jan2022	3061.44		1690.2		1176.12	1574.28	661.02	835.2	913.32	770.08	934.72	587.1	623.16	144	55.172		2550.36	4099.92
23Jan2022	3205.8		1873.02		1216.8	1503.96	708.42	829.8	993.96	813.64	936.88	606.6	671.92	162.22	52.479		2662.68	4282.08
24Jan2022	3327.48		1924.92		1235.28	1764.84	779.64	865.44	1018.44	753.56	1014.64	643.59	628.04	167.24	54.131		2608.32	4565.28
25Jan2022	3394.8		2027.1		1278.12	1796.16	827.94	750.24	1067.04	803.64	1107.68	647.04	667.64	166.44	62.883		2591.4	4658.88
26Jan2022	3181.32		1568.7		1184.28	1438.44	742.02	817.92	938.16	667.08	923.2	538.77	576.92	138.02	55.141		2387.64	3811.92
27Jan2022	3091.68		1465.44		1029.36	1624.68	817.2	786.6	929.52	695.08	930.24	588.75	541.8	150.28	49.419		2426.4	4105.92
28Jan2022	3103.92		1566.72		1132.32	1528.92	647.76	884.52	959.4	708.08	965.84	603.15	576.6	145.44	53.672		2322.6	3937.68
29Jan2022	2910.6		1480.26		949.68	1277.76	643.38	803.52	805.32	569.52	850.88	547.56	523.64	126.62	45.257		2266.32	3746.88
30Jan2022	2864.52		1526.4		1072.68	1451.64	670.08	801	810.36	656.24	844.72	569.73	576.84	133.74	48.562		2310.36	3891.36
31Jan2022	2993.76		1508.76		1016.64	1395.96	738.3	811.08	911.52	678.92	906.64	531.27	587.4	133.98	54.315		2293.56	3899.04
01Feb2022	2863.08		1509.3		1192.08	1648.44	814.98	827.28	934.56	800.48	990.08	536.31	629.72	157.96	51.622		2289.24	4020
02Feb2022	3292.92		1568.7		1201.68	1787.4	861.24	934.2	1061.28	772.88	1034.08	580.59	657.16	164.74	57.191		2483.52	4468.56
03Feb2022	3393.72		1465.44		1206.12	1667.52	833.22	921.6	1037.16	773.04	1076.96	748.68	667.4	168.56	64.933		2812.68	4625.52
04Feb2022	3272.04		1566.72		1203.24	1696.68	713.76	892.44	1026.36	807.32	1000.4	648.54	682.16	166.4	66.708		2611.32	4417.92
05Feb2022	3075.12		1480.26		1010.28	1333.68	650.16	915.48	939.6	614.84	894.56	611.04	541.76	131.66	43.88		2369.64	4122.48
06Feb2022	2824.92		1526.4		964.08	1410	634.68	870.48	851.04	709.52	871.36	586.8	551.92	144.22	47.889		2343.6	4002
07Feb2022	3087.72		1508.76		954.72	1329.12	797.16	921.96	916.92	651.12	897.68	570.3	550.92	156.18	57.926		2242.56	4008.72
08Feb2022	2679.12		1509.3		856.44	1286.64	760.56	819.72	841.32	619.08	875.68	513	494.08	120.18	44.156		2056.08	3564.48
09Feb2022	2761.92		1568.7		1014.12	1453.92	785.46	845.28	837.72	615.72	945.84	537	517.92	136.74	44.492		2116.32	3791.04
10Feb2022	2864.16		1465.44		1021.8	1345.8	729.06	837.72	846.36	570.04	900.32	500.46	530.6	126.26	44.064		2138.04	3581.52
11Feb2022	2978.64		1566.72		1039.08	1585.8	769.26	843.48	924.84	768.64	948.96	653.31	585.88	186.88	52.51		2459.76	4118.4
12Feb2022	3213.72		1480.26		1204.92	1545.48	770.4	954.72	919.08	711.2	1001.28	629.34	656.08	153.58	52.204		2548.32	4289.28
13Feb2022	3215.88		1526.4		1190.16	1510.32	737.76	936.72	997.2	760.48	1014.48	649.23	666.4	150.02	53.672		2724.24	4392
14Feb2022	3078.36		1508.76		1051.08	1545.24	816.66	928.44	988.2	657.88	981.12	627.12	576.6	145.6	48.226		2424.84	4407.84
15Feb2022	3169.8		1509.3		1072.8	1372.2	788.34	905.76	901.8	648.68	963.2	558.63	570.92	139.88	53.703		2288.04	3892.56
16Feb2022	3059.64		1568.7		1145.76	1582.2	756.18	854.64	953.28	622.6	957.2	578.01	559.24	147.88	53.489		2264.28	4030.32
17Feb2022	3234.24		1465.44		1219.44	1575	808.38	945.36	1044.72	673.12	1001.44	500.22	615.44	154	53.244		2412.84	4250.16
18Feb2022	3195.72		1566.72		1088.04	1622.52	736.44	925.2	1018.08	690.76	1068.16	624.18	639.32	164	47.155		2440.2	4027.44
19Feb2022	3117.6		1480.26		1043.88	1430.4	646.98	896.4	954.36	600.96	866.56	546.99	587.64	141.32	49.235		2364	3870.48
20Feb2022	2529.36		1526.4		924	1341.96	594.54	808.2	803.88	558.04	762.24	584.13	482.12	127.5	37.76		2130.12	3621.12
21Feb2022	3071.52		1508.76		1205.52	1609.56	698.52	884.16	987.84	708.8	950.4	719.49	630.4	148.92	51.806		2650.68	4520.64
22Feb2022	3292.92		1509.3		1460.04	1850.04	773.7	939.6	999.36	839.16	1043.04	716.73	775.72	179.9	68.728		2844.84	4711.2
23Feb2022	3168.72		1568.7		1226.28	1802.88	812.58	913.32	1023.48	705	992.96	614.31	651.64	171.1	56.273		2454.84	4355.52
24Feb2022	3146.4		1465.44		1375.08	1793.64	797.04	803.88	1027.8	776.64	989.84	602.07	682.84	151.58	61.078		2362.92	4239.84
25Feb2022	3261.24		1566.72		1082.04	1667.52	688.98	922.68	974.52	649.36	977.84	639.99	623.56	144.36	59.303		2472.12	4183.44
26Feb2022	3043.44		1480.26		975.72	1432.08	623.88	834.12	822.96	526.92	819.52	514.17	477.32	134.54	41.279		1971.24	3599.76
27Feb2022	2751.12		1526.4		950.28	1263.12	626.94	792.72	776.88	558.12	760.64	470.58	474.8	138.18	40.851		2056.8	3588.48
28Feb2022	2595.24		1508.76		860.16	1213.08	675.48	816.84	862.2	503.24	791.84	497.1	428.08	126.78	37.913		1926.24	3671.04
01Mar2022	2666.88		1509.3		863.76	1288.56	677.46	836.28	858.96	592.64	812.32	530.16	490.48	142.14	45.257		2061.36	3805.68
02Mar2022	2792.16		1568.7		1018.68	1417.32	775.98	843.84	889.56	528.04	808.64	511.29	504.64	132.98	41.31		2053.56	3681.12
03Mar2022	2952.36		1465.44		1138.2	1386.72	753.78	867.24	936	628.96	926.96	550.14	579.2	134.06	45.992		2097.72	3930.48
04Mar2022	2987.28		1566.72		927.96	1260.96	669.18	870.12	891.72	588.56	825.76	531.18	537.92	132.06	49.174		2200.8	3554.88
05Mar2022	2484.72		1480.26		853.44	1347.24	662.46	814.32	765	562.48	731.04	487.38	491.88	121.94	42.35		1873.68	3276.24

Day	BEMIDJI NYMORE	[PROTECTED DATA BEGINS…	BRANDON	[PROTECTED DATA BEGINS…	CANBY NE	CANBY SW	CARLOS JUNCTION	CASS LAKE - CASINO FEEDER	CASS LAKE NORTH	CHOKIO	CLEARBROOK	CLIMAX	CLINTON	CLONTARF	CORRELL	[PROTECTED DATA BEGINS…	CROOKSTON BARRETTE ST.	CROOKSTON PARK VIEW
06Mar2022	2512.08		1526.4		970.8	1404.12	672.6	808.2	804.24	594.2	761.04	483.33	551.92	130.74	35.129		1998.36	3477.6
07Mar2022	2601.72		1508.76		989.88	1423.8	826.74	822.96	878.4	572.84	887.68	475.89	503.84	131.52	45.655		1905.84	3607.68
08Mar2022	2732.4		1509.3		990.36	1480.8	789.12	802.44	895.32	552.56	893.84	517.62	520.56	137.8	50.031		1995.36	3663.84
09Mar2022	2976.84		1568.7		1121.52	1510.56	832.14	890.64	966.6	588.84	925.44	477.33	578.92	142.44	47.063		2164.2	3974.4
10Mar2022	2826.72		1465.44		1047.24	1492.68	797.88	878.76	971.28	578.64	961.68	567.57	513.32	145.16	49.48		2290.8	4087.44
11Mar2022	3181.68		1566.72		1193.76	1613.52	693	900.36	1020.6	740	1006.88	631.08	621.84	140.82	51.224		2532.96	4265.52
12Mar2022	2922.12		1480.26		1014.24	1341.96	619.56	838.8	906.84	595.8	844.56	508.59	550.64	138.16	47.675		2304.36	3780.24
13Mar2022	2560.32		1526.4		863.28	1190.04	594.3	798.48	741.96	535.4	725.36	464.01	431.04	126.66	36.169		1980	3448.08
14Mar2022	2529		1508.76		924.84	1273.92	666.3	774.36	817.56	526.32	796.48	437.94	436.72	122.64	42.289		1802.76	3467.52
15Mar2022	2487.6		1509.3		729.24	1145.04	679.14	740.16	740.16	501.68	732.24	420.33	406.4	122.8	42.779		1732.44	3317.04
16Mar2022	2346.48		1568.7		708.24	1107.72	662.82	628.56	721.08	459.8	666.16	267.39	377.8	121.7	35.221		1499.4	3169.44
17Mar2022	2407.68		1465.44		753.96	1114.68	680.64	662.04	673.56	467.4	734.24	398.94	400.72	121.5	39.872		1699.56	3181.44
18Mar2022	2258.64		1566.72		844.56	1180.56	556.8	720	679.32	489.44	658.88	264.36	426	122.62	35.833		1604.76	3003.84
19Mar2022	2225.52		1480.26		739.8	1072.68	578.16	663.84	606.6	443.56	567.36	329.43	377.36	95.4	26.897		1528.92	2881.92
20Mar2022	2237.4		1526.4		783.72	1046.28	567.84	663.84	633.6	458.64	519.44	242.55	404.32	114.36	31.365		1543.92	2934
21Mar2022	2131.56		1508.76		730.8	1078.68	616.56	714.24	736.2	458.72	638.16	270.09	394.52	105.98	33.017		1500.96	3139.2
22Mar2022	2301.12		1509.3		838.44	1168.56	730.56	758.16	758.52	551.84	697.2	385.29	452.28	125.22	34.058		1571.52	3261.12
23Mar2022	2442.96		1568.7		980.04	1266.24	657.9	743.4	768.96	574.28	745.36	459.42	483.96	143.02	39.658		1830.72	3361.44
24Mar2022	2114.28		1465.44		819.36	1114.56	629.76	699.12	702.36	439.28	627.68	256.62	390.96	115.72	31.61		1593.6	3150.96
25Mar2022	2373.48		1566.72		813.72	1215.84	624.18	752.04	801	504.6	712.72	474.03	442.04	128.9	31.304		1825.32	3336.24
26Mar2022	2595.96		1252.2		919.68	1282.56	600.18	806.4	779.76	574.12	756	495.36	483.08	133.4	32.191		2065.44	3585.84
27Mar2022	2545.92		1246.8		883.2	1209.6	622.5	771.84	775.08	557.44	717.44	401.1	503.04	133.84	36.934		1971	3583.44
28Mar2022	2345.76		1229.64		904.56	1218	688.62	799.2	803.16	572.12	777.12	436.83	470.08	150.9	34.241		1839.12	3414.24
29Mar2022	2355.48		1160.76		905.04	1221.48	702	776.52	768.24	533.92	754.24	401.52	462.24	136.96	36.353		1742.04	3256.08
30Mar2022	2495.88		1284.24		984.48	1353	671.64	773.28	807.48	542.64	778.96	497.88	507.6	143.22	42.595		1819.2	3430.08
31Mar2022	2409.84		1038.06		998.04	1299.24	654.9	770.04	780.12	593.4	726.4	413.52	511.8	134.96	33.997		1723.2	3141.6
01Apr2022	2331.36		1034.4		1044.24	1239	582.84	747.72	754.2	523.8	704.56	349.38	471.8	131.68	38.678		1622.4	2951.04
02Apr2022	2175.12		983.64		807	1063.68	574.08	758.52	687.6	445.72	619.76	403.17	393.08	101.82	30.263		1648.68	2891.28
03Apr2022	2329.2		907.74		938.16	1194.36	571.5	743.76	697.68	545.68	588.8	368.37	422.36	123.26	34.211		1653.96	3035.04
04Apr2022	2118.96		1023.96		847.68	1070.52	642.66	685.08	695.88	449.16	622.32	258.36	412.12	114.54	38.984		1635.24	3120.72
05Apr2022	2395.44		1066.74		751.08	1154.04	659.46	718.92	781.56	480.6	784.96	437.58	380.84	130.34	35.649		1763.64	3283.68
06Apr2022	2423.88		1311.6		974.16	1243.2	671.64	768.24	793.08	592.52	804.72	483.66	506.72	142.3	47.828		1958.64	3498.72
07Apr2022	2484.36		1247.76		1052.04	1364.52	654.9	765.72	775.44	598.2	722.88	415.41	537.28	138.82	50.765		1852.44	3435.12
08Apr2022	2273.04		948.72		846.48	1155.96	582.84	747.72	752.76	481.16	579.68	343.02	436.52	122.78	32.375		1605.24	3101.28
09Apr2022	2237.4		757.14		742.56	1074.12	574.08	681.84	618.48	419.64	569.52	241.62	383.08	95.16	30.784		1523.88	2914.08
10Apr2022	1974.96		751.38		755.04	1052.64	571.5	673.92	637.92	442.4	529.12	325.86	376.24	112.74	31.549		1378.2	2661.6
11Apr2022	2185.2		918.36		727.68	1052.64	633.42	681.12	715.68	441.16	686.24	244.8	392.16	109.88	36.016		1556.16	3138.72
12Apr2022	2400.84		1107.54		850.56	1078.92	604.86	747.72	791.28	518.76	696.32	476.19	419.32	136.42	35.802		1857.96	3350.64
13Apr2022	2361.24		1063.74		942.6	1306.44	678.18	706.32	767.88	533.04	724.48	328.86	467.48	129.12	41.861		1795.92	3214.08
14Apr2022	2438.28		1365.9		1048.2	1370.16	691.44	787.32	794.16	626	740.56	506.64	553.16	142.42	47.614		1884.84	3352.32
15Apr2022	2697.48		1206.78		977.52	1274.4	589.38	815.04	794.88	591.44	754.24	497.34	555.68	150.22	43.452		1990.2	3512.4
16Apr2022	2419.2		1041.42		830.64	1166.16	559.08	705.96	682.2	516.4	630.72	435.03	437.16	123.1	44.492		1754.64	3253.68
17Apr2022	2358.36		1106.04		911.04	1237.92	566.28	740.88	668.52	578.48	613.04	448.68	511.28	134.76	42.197		1904.28	3177.12
18Apr2022	2409.12		1260.12		978.6	1225.2	700.08	763.92	693.72	558.6	649.76	450.39	487.96	122.76	40.667		1815.72	3396.48
19Apr2022	2202.84		1183.56		1036.56	1230.24	647.58	726.12	721.08	565.36	616.16	306.69	503.44	134.08	40.239		1641.96	3291.6
20Apr2022	2354.04		933.66		842.16	1085.04	653.1	735.84	705.6	458.76	648.88	258.3	412.56	107.1	37.21		1593.96	3014.88
21Apr2022	2194.92		949.68		747.72	1011.24	589.92	702.72	691.56	448.48	628.96	347.28	382.24	107.68	36.904		1598.76	3181.2
22Apr2022	2365.2		1008.24		776.4	1019.16	488.34	726.48	693.72	475.68	639.12	391.95	422.8	107.82	35.863		1819.56	3214.32
23Apr2022	2112.48		737.28		577.2	951.72	484.02	702.36	622.08	366.72	556	240.18	311.2	81.72	22.399		1555.92	2896.32
24Apr2022	1992.24		915.72		713.76	1039.44	512.58	690.12	613.08	444.12	584.08	254.82	366.32	110.22	33.109		1445.16	2732.64
25Apr2022	2492.28		1018.5		925.2	1230.24	653.82	767.52	775.44	538.52	741.76	470.25	479.76	124.06	40.117		2050.56	3634.8
26Apr2022	2424.24		1142.82		871.32	1108.2	648.6	768.6	758.88	503.24	783.12	419.49	428.36	108.28	38.189		1743.6	3381.36
27Apr2022	2223.36		976.26		883.2	1081.08	656.58	730.44	681.84	478.16	691.04	377.91	401.36	99.54	40.208		1600.92	3158.64
28Apr2022	2140.2		1051.62		828.84	1085.64	611.82	637.92	709.2	427.24	640.32	255.15	363.32	113.6	33.048		1522.8	3120
29Apr2022	2204.28		885.06		757.08	1033.32	531.9	686.16	714.24	446.16	637.76	404.94	341.24	99.22	34.823		1604.64	3093.12
30Apr2022	1924.92		890.94		681.84	1036.56	518.64	687.24	653.4	425.8	564.72	267.42	279.4	102.86	33.721		979.8	2730.48
01May2022	2001.24		938.16		790.32	1077.12	467.22	684.72	653.76	523.44	556.08	270.06	300.6	112.22	41.555		1126.2	2879.28
02May2022	2246.04		930.12		898.8	1100.88	637.14	703.8	721.44	492.76	686.16	422.01	324.64	121.52	44.492		1224.36	3200.88
03May2022	2046.24		879.48		733.08	1013.04	598.2	693.72	676.44	422.84	601.28	225.03	327.16	105.12	36.016		983.88	2978.88
04May2022	2013.48		818.22		736.8	1027.68	654.3	705.96	647.28	432.6	570.8	201.27	348.08	123.66	34.823		1016.64	2934
05May2022	2133.36		780.48		728.76	969.72	635.28	673.92	608.4	403.72	504.48	207.03	363.32	107.02	31.12		1057.92	2958.72
06May2022	2011.68		679.2		716.28	989.88	489.72	658.8	646.92	371.16	454.08	186.99	341.24	89.16	23.134		1040.28	2775.6
07May2022	1749.24		596.34		672.6	927.12	483.9	637.56	597.24	344.48	409.6	177.15	279.4	82.08	23.837		860.4	2466
08May2022	1631.88		625.92		561.48	868.2	463.56	666.72	561.96	369	358.08	155.64	300.6	74.28	24.97		812.16	2374.56

Day	BEMIDJI NYMORE	[PROTECTED DATA BEGINS…	BRANDON	[PROTECTED DATA BEGINS…	CANBY NE	CANBY SW	CARLOS JUNCTION	CASS LAKE - CASINO FEEDER	CASS LAKE NORTH	CHOKIO	CLEARBROOK	CLIMAX	CLINTON	CLONTARF	CORRELL	[PROTECTED DATA BEGINS…	CROOKSTON BARRETTE ST.	CROOKSTON PARK VIEW
09May2022	1968.48		699.48		708.84	1071.48	666.9	694.44	649.8	390.96	510.56	211.65	324.64	99.54	32.191		1063.32	2814.96
10May2022	1942.56		740.94		699.96	1129.08	670.62	657	617.4	379.84	503.36	200.07	327.16	96.72	23.99		1064.16	2849.76
11May2022	1992.24		714.6		713.04	1055.04	633.18	652.32	639	384.68	500.72	192	348.08	104.86	26.255		1058.16	2727.84
12May2022	1897.2		780.48		726.72	1074.12	0	694.08	648.36	0	452.24	201.45	363.32	0	38.097		990.12	2702.4
13May2022	1910.52		679.2		661.8	1048.32	583.92	742.32	627.84	0	449.52	194.46	341.24	111.34	32.895		1049.4	2591.52
14May2022	1663.2		596.34		556.44	870.36	480	633.96	592.56	374.24	438.4	186.6	279.4	89.94	29.804		855.36	2236.32
15May2022	1732.68		625.92		535.68	835.44	444.18	632.88	570.96	363.76	416.08	181.65	300.6	85.58	21.359		898.08	2306.64
16May2022	1962.36		699.48		714.36	1006.2	618.96	674.28	664.56	376.92	506.56	213.21	324.64	115.34	27.693		1017.48	2645.52
17May2022	2080.08		740.94		675.36	1013.52	666.18	646.56	650.16	388.6	509.04	198.36	327.16	115.98	28.795		1035.24	2648.4
18May2022	1978.2		714.6		701.4	1015.92	679.5	628.56	653.04	391.2	477.36	181.5	348.08	119.34	21.267		982.92	2617.44
19May2022	2009.88		780.48		680.76	1020.96	673.5	657	648.72	372.6	469.04	198.54	363.32	105.34	25.061		993.96	2565.36
20May2022	2030.4		679.2		611.04	967.92	529.02	680.04	649.8	430.96	501.92	217.86	341.24	106.26	24.021		1023.96	2596.08
21May2022	1927.08		596.34		652.2	931.32	447.36	690.48	711.72	430.48	523.68	243.66	279.4	102.54	25.153		998.28	2466.96
22May2022	1853.28		625.92		722.4	923.16	474.42	645.48	666.72	406.92	493.12	221.1	300.6	99.46	23.011		990.36	2482.8
23May2022	2094.84		699.48		777.48	965.04	652.26	678.96	641.52	406.16	547.28	200.52	324.64	119.52	27.387		1049.4	2599.68
24May2022	1999.8		740.94		758.04	977.52	696.6	660.6	668.88	409.52	493.68	194.64	327.16	119.72	25.214		1004.16	2563.68
25May2022	1973.88		714.6		708.48	969.12	665.52	641.52	644.04	403.16	466.96	202.74	348.08	115.8	20.992		1306.44	2575.92
26May2022	1995.48		780.48		765	985.56	633.6	657	652.68	386	503.04	199.11	363.32	119.4	21.879		1376.28	2511.84
27May2022	1936.08		679.2		744.24	1024.08	573.66	635.76	645.84	417.24	446.64	203.82	341.24	119.26	22.307		1209.48	2447.04
28May2022	1741.68		490.08		610.2	1015.68	471	670.68	564.84	322.44	362.16	154.26	279.4	86.86	19.186		1028.04	2213.04
29May2022	1663.2		521.58		585.6	1059.72	475.44	702.72	584.64	338.32	339.84	137.91	300.6	90.92	18.911		1053.24	2326.32
30May2022	1688.4		601.68		589.56	1009.68	435.84	742.32	619.2	312	352.96	155.34	324.64	0	20.9		1166.52	2480.88
31May2022	1935.36		771.3		638.52	934.8	661.56	628.2	627.12	388.68	421.28	176.76	327.16	102.04	25.184		1239.12	2519.52
01Jun2022	1927.08		715.32		648.6	1020.24	688.8	639.72	681.84	391.44	449.12	183.3	348.08	108.94	32.497		1259.28	2472.24
02Jun2022	1895.4		717.78		642.12	1025.16	592.8	609.12	641.88	345	441.04	175.53	363.32	104.48	29.957		1199.28	2444.64
03Jun2022	1969.92		615		632.16	1051.68	554.52	615.6	675.36	347.56	474.16	164.46	341.24	99.62	22.919		1248.12	2475.6
04Jun2022	1695.24		579.66		531	883.8	479.64	609.84	612	325.36	376.48	173.22	279.4	75.78	18.452		1086.36	2066.64
05Jun2022	1667.52		486.12		545.52	811.68	394.98	611.28	621	304.04	349.92	158.76	300.6	74.28	16.249		1029.96	2039.28
06Jun2022	1782.36		684.78		628.8	1017.84	671.1	611.64	582.12	333.16	411.04	179.73	324.64	102.22	24.511		1182.48	2426.88
07Jun2022	1828.08		670.14		638.16	1064.88	724.08	570.96	606.96	339.56	510.08	171.42	327.16	89.76	23.562		1241.88	2484.72
08Jun2022	1856.52		697.14		614.4	1100.88	700.2	592.56	619.56	325.12	486.72	184.35	358.96	100.1	21.542		1169.88	2356.8
09Jun2022	1830.6		691.26		641.28	1078.32	669.84	626.76	595.8	356.08	497.68	180.3	282.44	87.32	22.858		1148.52	2387.04
10Jun2022	1784.88		648.72		631.2	1114.08	758.28	629.28	597.96	333.08	436.88	176.82	303.4	83.9	22.338		1158.48	2482.08
11Jun2022	1699.2		521.04		538.08	1074	535.02	676.8	569.88	318.64	389.28	149.07	278.28	72.9	17.167		1055.4	2216.88
12Jun2022	1610.28		501.78		541.8	1035.6	488.1	627.12	577.8	332.84	348.08	137.37	291.32	79.72	16.891		992.76	2150.16
13Jun2022	1838.88		769.32		751.68	1469.52	793.62	736.2	654.84	414.08	422.08	173.4	379.56	117.22	22.705		1411.44	2795.28
14Jun2022	1910.88		783.18		875.4	1631.76	893.1	801.36	704.88	469.48	527.84	197.7	412.36	134.96	23.042		1471.68	2942.88
15Jun2022	1881		716.22		695.04	1185.36	783.18	787.32	682.2	359.28	504.32	187.77	324.52	103.5	24.908		1262.04	2615.04
16Jun2022	1868.4		692.7		623.76	1112.64	807.24	767.88	643.32	345.56	489.92	160.86	319.88	91.96	27.815		1236.6	2519.52
17Jun2022	1789.56		673.74		616.44	1167.24	719.58	742.68	624.96	316.48	464	165.33	323.72	110.26	22.583		1182.36	2501.28
18Jun2022	1740.6		541.98		595.8	1124.04	515.7	736.56	645.84	304.8	384.88	157.17	289.4	90.08	18.758		1098.24	2329.68
19Jun2022	1765.44		617.16		820.2	1486.32	572.52	896.76	644.76	407.12	381.2	176.85	356.44	102.5	32.956		1363.92	2753.76
20Jun2022	2512.08		958.32		1006.2	1803.36	983.22	960.12	961.2	512.24	598.16	254.73	467.52	151.6	36.23		1849.8	3456
21Jun2022	2188.44		555.84		785.4	1365.36	884.7	929.16	839.16	388.64	579.44	162.18	408.16	116.6	31.518		1479.6	2981.76
22Jun2022	1886.04		674.52		734.28	1285.92	792.9	773.64	634.68	372.16	486.48	167.31	338.44	103.26	26.714		1258.32	2603.76
23Jun2022	1989		724.62		751.8	1419.72	778.8	861.84	729.36	385.68	527.6	183.27	347.96	138.18	22.185		1355.76	2828.88
24Jun2022	2075.4		790.08		828.96	1582.44	893.22	881.28	811.8	439.16	591.92	207.63	434.24	132.96	31.243		1581.48	3049.92
25Jun2022	1841.04		567.36		670.32	1209.6	568.68	806.4	676.08	308.68	442.72	169.26	359.92	90.58	20.563		1271.04	2515.68
26Jun2022	1634.76		494.52		532.56	873.12	451.5	687.96	580.68	278.76	344.08	133.62	250.04	74.04	15.178		967.8	2175.84
27Jun2022	1825.56		645.84		616.08	1083.24	699.54	645.12	625.32	332.28	400.72	154.56	306.96	88.56	20.716		1147.2	2546.4
28Jun2022	1851.84		671.58		721.56	1303.8	808.86	715.68	654.12	361.68	499.52	166.44	361.64	105.54	21.695		1227.36	2622
29Jun2022	1838.16		650.76		681.24	1180.08	802.2	667.8	616.32	324.16	486.72	172.14	335.88	99.92	23.44		1177.8	2491.2
30Jun2022	1888.56		787.68		781.92	1494.12	839.16	841.68	666	404	496.08	198.06	397.52	139.44	30.019		1301.88	2707.44
01Jul2022	1763.28		675.3		674.16	1193.4	688.26	691.92	651.6	355.32	485.44	162.93	321.04	94.6	20.747		1151.52	2388.24
02Jul2022	1659.6		587.22		619.92	1169.88	482.1	646.2	624.96	310.12	418.8	140.88	282.68	79.68	16.004		949.2	2144.88
03Jul2022	1663.92		572.22		578.64	1069.56	478.2	744.12	623.16	293.48	370.64	129.03	291.32	73.94	16.585		985.56	2160.72
04Jul2022	1777.68		602.46		641.28	1290.36	487.5	824.76	727.92	301.76	392.24	154.89	303.12	86.9	18.635		1255.32	2654.64
05Jul2022	1999.44		763.08		780.72	1494.84	752.76	871.92	813.96	401	432.64	177	383.16	103.28	25.52		1318.32	2695.44
06Jul2022	1838.16		721.5		694.08	1386.12	753.84	799.56	671.04	329.12	424.8	182.4	349.64	96.88	27.509		1289.28	2638.56
07Jul2022	1992.96		718.98		678.48	1360.68	798.3	777.24	766.8	380.08	451.84	195	390.96	113.16	23.623		1434.72	2859.36
08Jul2022	1851.12		689.58		681.72	1388.4	758.7	781.92	691.2	324.04	435.04	160.8	357.4	100.88	22.216		1195.92	2521.68
09Jul2022	1711.08		548.64		606.6	1170.48	523.92	754.56	674.64	337.2	428.64	150.93	376	88.54	20.288		1184.88	2460.24
10Jul2022	1948.32		540.6		742.32	1310.16	663.96	893.16	789.48	368.8	446.64	175.74	372.96	92.94	22.216		1320.36	2779.68
11Jul2022	2025		736.14		774.84	1477.08	834.9	832.32	770.04	387.28	439.52	213.51	416.72	117.68	27.968		1363.08	2866.56

Day	BEMIDJI NYMORE	[PROTECTED DATA BEGINS…	BRANDON	[PROTECTED DATA BEGINS…	CANBY NE	CANBY SW	CARLOS JUNCTION	CASS LAKE - CASINO FEEDER	CASS LAKE NORTH	CHOKIO	CLEARBROOK	CLIMAX	CLINTON	CLONTARF	CORRELL	[PROTECTED DATA BEGINS…	CROOKSTON BARRETTE ST.	CROOKSTON PARK VIEW
12Jul2022	1877.76		681.48		663.72	1201.92	918.3	794.88	696.24	340.72	495.92	183.84	334.6	94.7	17.197		1305.48	2627.76
13Jul2022	1875.6		684.72		664.32	1287.48	765.3	781.2	642.6	342.32	489.68	196.56	337.92	101.82	18.482		1223.4	2659.2
14Jul2022	1861.2		716.46		659.28	1328.28	768.6	805.32	662.4	365.56	500.48	196.89	330.12	97.86	20.104		1289.4	2747.52
15Jul2022	1857.24		689.58		821.76	1571.76	805.8	828	700.92	383.52	522.24	189.63	384.08	115.78	26.989		1273.2	2675.28
16Jul2022	1814.4		548.64		710.04	1397.76	579.06	821.52	689.4	365.72	456.08	160.29	379.16	107.64	24.541		1274.88	2634.48
17Jul2022	1786.32		540.6		606.84	1097.16	492.48	804.24	709.92	319	413.84	145.92	310.44	94.6	15.698		1223.88	2518.8
18Jul2022	2254.32		736.14		876.6	1591.32	906.66	908.64	911.16	426.6	540.96	240.24	398.64	115.6	28.183		1664.16	3359.04
19Jul2022	2368.44		681.48		994.32	1644.72	926.28	848.16	898.2	478	639.84	221.16	455.72	121.88	30.784		1778.64	3228.72
20Jul2022	2054.52		684.72		740.88	1497.72	867.9	848.52	768.96	450.64	516.8	182.43	377.48	111.8	25.276		1353.72	2882.16
21Jul2022	1974.96		716.46		758.52	1442.04	835.14	762.12	740.16	365.12	524	205.38	355.48	98.82	22.981		1295.76	2739.36
22Jul2022	1965.24		689.58		773.76	1389.72	866.22	779.04	745.2	388.4	521.76	178.5	350.84	90.46	19.492		1292.4	2738.88
23Jul2022	1943.64		548.64		769.8	1354.92	674.22	853.92	673.92	358.36	421.84	150.99	335.6	91.8	23.348		1142.28	3318
24Jul2022	1702.8		540.6		602.52	1067.76	497.1	745.2	644.4	319	381.6	132.21	293.72	75.08	17.35		1020.24	3136.56
25Jul2022	1794.6		736.14		688.44	1176.72	772.98	664.92	640.8	353.96	431.76	175.86	302.8	88.44	22.399		587.28	3281.04
26Jul2022	1891.44		681.48		612.96	1266	872.58	752.04	750.6	340.28	532.96	192.93	310.04	96.38	17.473		1349.52	3746.64
27Jul2022	1959.84		684.72		638.4	1241.64	832.44	777.96	681.12	321	504.64	172.02	302.08	89.84	22.093		1171.56	3366.96
28Jul2022	1836.72		716.46		594.24	1104.6	806.4	727.2	649.08	328.2	515.28	185.82	275.28	98.38	18.023		1135.08	3175.92
29Jul2022	1868.76		689.58		612.12	1113.6	789.06	754.2	649.8	303.68	442.48	157.83	292.52	77.86	27.142		1102.56	3125.52
30Jul2022	1838.52		548.64		588.84	1111.44	582.66	749.16	655.92	278.12	373.36	138.75	284.64	76.9	26.5		1040.04	3002.88
31Jul2022	1899.72		540.6		630	1166.16	549.84	874.08	753.12	299.88	436.56	151.41	318.4	84.2	26.01		1258.2	3546.96
01Aug2022	1829.16		736.14		723.12	1225.08	774.3	751.68	685.08	334.52	431.92	167.31	337.24	92.76	29.651		1164.96	3368.16
02Aug2022	1882.8		681.48		669.96	1279.68	921.36	792.72	727.2	352.12	498.24	178.26	341.12	107.4	30.967		1291.68	3609.36
03Aug2022	2103.48		684.72		792.36	1368.12	829.68	860.76	771.12	389.8	545.36	182.7	378.48	112.06	31.916		1304.88	3750.48
04Aug2022	1798.2		716.46		663.48	1244.04	844.2	768.6	630.36	323.76	502.72	181.2	329.56	90.78	20.961		1170.6	3270.24
05Aug2022	2071.44		689.58		723.96	1429.68	792.66	843.48	801.72	340.68	525.68	188.97	338.4	89.06	20.135		1418.76	3923.28
06Aug2022	2059.2		548.64		708	1210.32	666	801	760.68	334.8	423.2	164.88	290.64	82.76	20.716		1173.72	3407.76
07Aug2022	1647		540.6		546.36	945	522.42	737.28	629.64	284.28	346.64	134.16	253.4	74.06	16.402		966.36	2904.72
08Aug2022	1807.56		736.14		618.84	1020	676.62	727.56	638.28	322.2	408.32	173.4	279.76	75.96	20.594		1095.6	3123.12
09Aug2022	1864.44		681.48		618	1216.2	722.88	759.24	646.2	320	433.2	169.74	296.52	96.32	19.859		1179	3507.84
10Aug2022	1985.4		684.72		709.92	1358.04	765.72	757.44	662.04	370.12	416.32	186.99	323.2	104.74	21.481		1202.28	3363.84
11Aug2022	1867.32		716.46		688.56	1296.36	801	704.16	645.84	360	387.04	183	310.88	100.46	21.298		1129.2	3397.2
12Aug2022	1942.56		689.58		656.88	1278.36	762.6	813.6	714.6	334.36	443.28	177.81	316.04	94.3	23.225		1218.6	3526.56
13Aug2022	1911.24		548.64		651	1224.6	548.28	857.52	650.16	311.32	409.28	139.92	277.96	80.28	18.88		1090.8	3147.6
14Aug2022	1688.76		540.6		530.76	967.8	493.44	781.92	615.96	292.8	373.92	131.88	265.4	70.7	16.616		1013.64	3058.08
15Aug2022	1924.2		736.14		655.08	1203.12	706.68	802.8	701.64	332.96	452.8	178.38	313.6	111.38	20.594		1295.64	3713.76
16Aug2022	1951.92		681.48		648.96	1194.96	817.32	906.84	803.52	337.28	477.84	190.5	325	98.76	25.459		1401.36	4014.72
17Aug2022	2088.36		684.72		698.76	1295.4	807.36	876.24	872.28	340.4	450.96	171	317.56	106.9	19.859		1350.24	3837.84
18Aug2022	2156.4		716.46		751.08	1355.52	753.48	827.64	889.56	351.6	490.8	191.16	358.72	94.38	22.766		1417.2	4012.56
19Aug2022	2117.52		689.58		671.52	1220.04	646.32	901.44	884.52	307.48	440.08	153.57	330.44	93.22	21.022		1283.52	3681.84
20Aug2022	1968.48		548.64		544.08	1039.44	564.42	849.6	930.24	295.92	394.16	145.65	282.92	65.96	16.157		1069.44	3076.08
21Aug2022	1847.88		540.6		554.64	941.52	463.26	731.52	646.56	278.72	355.68	148.29	275.96	67.08	18.972		1025.4	2991.6
22Aug2022	2098.08		736.14		662.16	1230.24	692.82	807.12	580.32	351.64	433.2	234.99	326.28	90.84	23.44		1257	3588.96
23Aug2022	2232.36		681.48		714.48	1308.36	757.44	833.76	636.48	332.32	452.64	206.37	339.56	97.74	22.919		1318.08	3818.88
24Aug2022	2264.76		684.72		699.48	1356	786.18	879.12	640.44	354.56	470.64	204.33	361.48	103.14	20.9		1387.44	4082.4
25Aug2022	2120.4		716.46		684.72	1269.6	813.72	730.44	681.48	329.68	411.6	196.2	324.96	109.64	21.879		1171.68	3379.92
26Aug2022	2116.44		689.58		576.36	1048.92	671.16	738.36	642.24	316.16	381.12	195.48	311.16	88.96	22.43		1111.2	3391.2
27Aug2022	1990.44		548.64		568.92	1161.6	545.82	880.92	663.12	310.28	421.04	140.34	295.56	81.1	21.083		1098.96	3304.8
28Aug2022	2021.76		540.6		565.56	1024.32	537.3	861.84	654.84	291.8	404.88	147.09	291.04	74.18	17.779		1162.56	3521.52
29Aug2022	2073.6		736.14		671.28	1253.88	798.66	816.12	588.6	328.92	426.48	194.22	335.56	108.68	21.42		1266.36	3675.36
30Aug2022	2119.32		681.48		654.6	1099.8	737.28	785.88	572.4	310.24	427.28	191.94	306	95.1	17.687		1179.48	3530.64
31Aug2022	2160		684.72		664.32	1283.52	815.64	765	571.32	308.68	427.84	199.8	333.72	105.3	21.879		1253.28	3737.28
01Sep2022	2217.96		716.46		646.92	1233.6	760.38	827.28	601.56	339.08	446.88	212.25	336.36	111.46	22.43		1359.6	4000.08
02Sep2022	2387.52		689.58		767.88	1340.76	740.46	850.32	653.76	369.92	455.52	233.76	360.72	109.88	21.512		1448.52	4059.84
03Sep2022	1991.16		548.64		545.28	903.12	581.16	669.6	640.44	255.36	387.6	188.19	276.84	66.84	16.493		1081.44	3002.16
04Sep2022	1748.88		540.6		504.84	818.52	526.62	644.04	628.2	265.2	740.56	152.34	254.92	71	17.932		1007.88	3024.72
05Sep2022	1848.24		736.14		512.64	891.24	377.64	770.76	587.16	243.56	740.08	160.47	247.76	67.68	13.923		1076.04	3259.2
06Sep2022	2301.48		681.48		703.08	1222.56	589.38	788.04	634.68	355.32	849.52	227.19	322.08	107.18	23.103		1438.08	4056.24
07Sep2022	2285.64		684.72		720.84	1399.08	801.9	731.16	602.28	349.48	957.92	213.99	338.48	108.82	18.972		1349.64	3774.48
08Sep2022	2261.16		716.46		800.16	1541.16	836.52	931.68	628.2	393.36	1014.48	222.48	370.32	119.32	21.114		1637.28	4286.16
09Sep2022	2248.2		689.58		678.36	1089.6	578.64	824.76	610.92	341.28	953.36	190.17	306	91.18	22.46		1283.76	3798.24
10Sep2022	1845		548.64		517.2	878.04	500.4	676.44	643.32	261.12	913.44	151.83	249.92	66.78	16.34		1003.44	3008.64
11Sep2022	1781.28		540.6		506.52	833.16	485.82	651.24	603	259.52	872.88	142.68	242.08	65.36	16.034		944.4	2927.76
12Sep2022	2014.92		736.14		637.44	1048.08	683.82	677.52	601.56	314.92	936.24	205.05	307.44	100.12	20.074		1292.52	3591.6
13Sep2022	2184.84		681.48		609	1087.32	734.1	695.16	662.4	323.88	936.8	213.9	295.64	99.34	16.555		1279.92	3618

Day	BEMIDJI NYMORE	[PROTECTED DATA BEGINS…	BRANDON	[PROTECTED DATA BEGINS…	CANBY NE	CANBY SW	CARLOS JUNCTION	CASS LAKE - CASINO FEEDER	CASS LAKE NORTH	CHOKIO	CLEARBROOK	CLIMAX	CLINTON	CLONTARF	CORRELL	[PROTECTED DATA BEGINS…	CROOKSTON BARRETTE ST.	CROOKSTON PARK VIEW
14Sep2022	2184.48		684.72		605.04	1111.56	750	689.4	677.16	322.4	923.44	211.5	315.56	112.72	20.992		1316.52	3573.84
15Sep2022	2219.04		716.46		739.2	1306.2	727.56	841.32	644.04	362.2	925.04	212.31	315.44	113.88	18.513		1390.32	3990.48
16Sep2022	2214.36		689.58		642.6	1287.24	565.2	853.2	690.84	333	905.76	181.14	333.68	93.44	17.381		1269.96	3658.8
17Sep2022	2011.68		548.64		560.76	1048.92	528.54	834.48	642.6	280.88	866.88	158.43	282	75.86	16.034		1054.08	3097.2
18Sep2022	1872.72		540.6		537.72	1022.16	481.26	792.72	621.36	273.96	857.68	136.56	266.72	76.44	17.197		973.92	3009.36
19Sep2022	2199.24		736.14		636.24	1062.24	687.48	770.04	635.04	316.16	951.44	191.37	321.24	103.88	22.246		1227.48	3594.96
20Sep2022	2198.88		681.48		682.08	1211.64	751.08	788.76	693	347.92	952.8	188.91	319.52	93.44	19.247		1250.4	3716.4
21Sep2022	2175.12		684.72		622.32	943.68	621.36	690.48	666.36	326.76	948.24	194.91	302.2	89.42	19.37		1238.16	3508.32
22Sep2022	2222.64		716.46		633.12	960.36	575.34	707.4	666.72	345.32	979.12	191.73	299.36	90.96	21.053		1291.56	3516.96
23Sep2022	2216.52		689.58		623.28	907.92	511.14	686.52	689.04	325.28	951.68	194.43	282.08	98.44	21.481		1232.64	3405.12
24Sep2022	1990.8		548.64		499.2	878.88	457.44	725.4	671.76	311.36	918.8	179.46	267.48	75.22	18.146		1060.08	2945.52
25Sep2022	1784.88		540.6		534.96	829.32	415.56	693.36	643.68	320.44	916.32	169.56	255.6	65.7	17.014		1053.24	2920.8
26Sep2022	2265.84		736.14		634.56	942.36	390.78	694.08	589.68	347.64	1024.64	184.86	304.8	95.44	18.391		1285.2	3555.36
27Sep2022	2330.64		681.48		647.52	927.96	593.7	686.16	632.52	392.24	649.76	211.17	308.36	84.52	16.769		1329.6	3546
28Sep2022	2389.32		684.72		646.08	920.04	646.14	668.52	666.72	428.72	616.48	209.25	324.92	88.48	20.533		1391.64	3587.28
29Sep2022	2162.88		716.46		643.56	943.32	602.88	713.16	625.68	409.4	777.6	193.92	313.36	94.1	19.676		1364.76	3593.28
30Sep2022	2209.32		689.58		611.4	1093.68	516.72	681.48	702.36	371.24	820.32	185.97	305.52	88.68	19.798		1302.24	3529.92
01Oct2022	1951.2		548.64		534.36	983.04	486.66	708.84	721.8	343.76	881.2	192.81	259.2	67.68	16.187		1061.28	3062.64
02Oct2022	1917.36		540.6		537.24	913.44	426.48	675.72	594.36	361	913.04	184.83	285.48	74.54	16.218		1037.28	3043.68
03Oct2022	2103.84		736.14		669.36	1126.8	648.66	710.28	565.92	365.2	922.72	191.67	471.4	91.28	21.879		1300.08	3675.6
04Oct2022	2199.6		681.48		629.52	1100.64	658.56	706.68	641.16	366.88	894.72	218.58	484.32	97.26	16.769		1320.24	3765.12
05Oct2022	2150.64		684.72		707.28	1159.2	702.42	746.64	639.72	373.96	978.64	209.43	488.48	99.06	20.686		1320.84	3519.84
06Oct2022	2198.16		716.46		679.92	1202.88	599.52	689.4	670.68	403	1022.08	247.86	432.36	96.38	20.9		1427.88	3607.92
07Oct2022	2292.84		805.02		691.56	1182.96	515.52	699.48	668.88	459.08	1053.52	229.8	510.88	94.02	19.462		1437.36	3662.88
08Oct2022	2117.16		702.48		625.92	1046.4	487.62	654.12	658.8	447.44	1018.72	198.63	421.64	84.78	18.391		1414.32	3465.36
09Oct2022	1993.68		676.26		582.48	965.76	466.02	649.08	568.44	485	1001.84	248.31	466.84	79.04	18.085		1258.2	3196.08
10Oct2022	2233.08		755.7		715.8	1215.84	622.56	658.08	537.12	508.04	1008.08	251.52	514.56	92.58	21.175		1492.68	3737.04
11Oct2022	2217.6		727.86		649.8	1452.84	673.8	678.6	586.44	473.44	1002.24	223.14	522.76	94.58	21.757		1401.24	3699.36
12Oct2022	2144.16		858		678.36	1298.04	626.82	689.04	617.76	493.12	1053.84	232.26	521.04	102.66	24.847		1501.8	3658.08
13Oct2022	2396.88		1104.06		774.6	1576.8	593.28	652.68	597.6	590.6	1088.24	307.41	479.36	115.74	29.988		1679.16	3942.72
14Oct2022	2385		1053.72		777.96	1464.72	549.48	716.4	616.68	630.48	1099.52	334.65	617.08	115.14	27.265		1869.36	3791.52
15Oct2022	2105.64		939.66		698.16	1288.92	498.96	701.64	652.32	541.52	1067.12	275.4	568.76	100.32	24.755		1773	3549.6
16Oct2022	2248.92		892.2		615	1308.24	461.88	718.92	603.72	578.36	1136.08	250.29	476.44	98.7	27.632		1720.92	3605.76
17Oct2022	2544.84		1233.12		870.72	1861.68	676.02	763.2	608.04	675.96	1217.76	492.75	626.64	128.24	34.303		1934.04	4365.6
18Oct2022	2482.2		1215.6		872.76	1894.44	624.42	756	0	682.52	1169.84	436.71	553.68	118.02	29.284		1900.8	4246.56
19Oct2022	2268.72		1004.04		810.84	1765.32	609.3	731.16	0	580.44	1073.76	230.64	476.52	103.06	26.132		1713.36	3785.28
20Oct2022	2248.2		973.14		718.08	1584.48	587.22	691.2	0	555.64	1019.28	233.79	446.08	103.92	25.49		1652.4	3718.08
21Oct2022	2023.2		879.78		667.92	1591.2	513.84	671.76	0	530.76	998.72	227.46	409.88	95.34	25.153		1561.92	3594.96
22Oct2022	1965.24		754.08		654.12	1330.44	487.62	664.56	0	513.68	974.48	209.52	403.24	83.58	20.012		1256.4	3183.6
23Oct2022	1985.4		680.64		605.76	1281.84	464.7	681.12	0	407.6	981.76	193.86	387.88	78.18	18.727		1361.4	3304.08
24Oct2022	2094.84		943.02		701.76	1490.28	627.3	715.68	648.72	361.36	924.8	252.21	420.76	96.08	20.808		1397.52	3724.08
25Oct2022	2156.76		1032.24		777	1455	664.08	740.52	709.2	457.36	1110.8	307.59	427.36	114.56	28.519		1798.44	3969.36
26Oct2022	2061		923.82		759.72	1510.8	664.74	716.76	724.32	510.12	1083.92	257.67	429.8	104.06	28.733		1496.16	3909.6
27Oct2022	2057.04		924.24		777	1562.04	733.92	711.72	686.16	553.32	1071.76	222.84	471.64	109.4	29.927		1636.2	3812.88
28Oct2022	2022.12		734.1		675.96	1484.88	681.96	676.08	636.12	468.84	1012.8	203.34	428.16	87.38	23.103		1597.68	3539.52
29Oct2022	1812.24		690.42		670.08	1406.04	708.12	643.68	574.56	471.32	998.8	171.75	416.56	87.74	20.043		1475.04	3291.12
30Oct2022	1735.2		677.1		621.72	1416.72	683.16	652.32	565.2	465.68	874.4	186.45	445.12	92.52	18.36		1651.56	3616.08
31Oct2022	2028.24		785.82		685.56	1369.92	805.74	679.68	631.44	475.24	894.24	217.47	417.36	96.14	23.562		1638.6	3724.08
01Nov2022	2303.28		736.56		718.8	1422.12	803.4	673.2	648.72	466.36	869.44	250.53	410.8	100.52	21.665		1564.44	3658.32
02Nov2022	2283.48		729.06		641.04	1416.36	857.1	682.2	596.52	455	847.84	180.54	414.8	93.48	24.082		1540.2	3630
03Nov2022	2197.8		829.32		643.08	1498.32	816.6	671.4	612.36	543.04	716.72	415.32	427.64	103.4	23.96		1648.92	3862.8
04Nov2022	2352.24		866.52		812.04	1576.44	771.6	757.08	732.24	587.92	647.2	360.6	487.28	110.82	31.059		1719.72	3994.08
05Nov2022	2321.28		865.32		795.6	1521.72	722.58	671.04	613.44	526.08	609.76	335.7	453.24	87.9	27.356		1592.64	3841.2
06Nov2022	2089.08		1008.24		758.76	1532.4	725.76	695.88	670.32	558.16	599.52	358.26	471.28	113.98	32.13		1598.16	3623.76
07Nov2022	2480.4		1146.12		968.16	1773	897.9	726.48	743.76	658.32	707.92	437.01	572	129.08	44.064		1999.2	4363.44
08Nov2022	2504.16		1031.82		820.44	1552.56	643.02	522	721.44	610.16	638.56	399.06	533.88	98.08	29.866		1838.88	4097.52
09Nov2022	2403		992.16		875.88	1747.08	592.2	671.04	696.96	554.96	668.88	423.3	501.92	96.24	27.815		1777.2	4244.16
10Nov2022	2491.56		1195.26		882	1837.32	736.68	717.48	748.08	603.12	670.72	444.09	553.56	127.76	32.987		1961.52	4442.88
11Nov2022	2575.44		1444.26		1057.44	1852.32	843.36	747.36	777.96	687.68	717.6	469.5	653.48	135.84	49.388		2057.76	4557.6
12Nov2022	2381.04		1274.22		904.08	1860.12	783.9	752.76	754.2	660.4	688.24	460.95	627.32	126.6	46.237		2054.64	4276.08
13Nov2022	2355.12		1282.14		936.24	1849.56	765.18	697.32	762.12	620.2	710.4	457.71	624.36	128.62	41.677		1982.88	4371.12
14Nov2022	2570.4		1323.72		1051.56	1879.56	911.16	729	815.04	625.36	786.32	437.52	622.28	140.62	46.665		1961.16	4723.44
15Nov2022	2589.12		1354.32		1074.72	1835.04	877.68	713.16	821.16	630.04	771.6	466.2	609.92	147.14	42.259		2048.52	4890.48
16Nov2022	2598.84		1485.48		1008.96	1902.36	966.78	725.04	821.88	623.52	758.88	494.91	622.52	153.86	45.472		2141.88	4877.04

Day	BEMIDJI NYMORE	[PROTECTED DATA BEGINS…	BRANDON	[PROTECTED DATA BEGINS…	CANBY NE	CANBY SW	CARLOS JUNCTION	CASS LAKE - CASINO FEEDER	CASS LAKE NORTH	CHOKIO	CLEARBROOK	CLIMAX	CLINTON	CLONTARF	CORRELL	[PROTECTED DATA BEGINS…	CROOKSTON BARRETTE ST.	CROOKSTON PARK VIEW
17Nov2022	2726.28		1562.1		1048.2	2042.4	903.84	762.12	864	653.52	764.48	481.44	647.28	156.54	44.615		2007.24	4886.88
18Nov2022	2851.92		1507.38		1178.28	1866.24	824.58	778.32	895.68	659.56	849.36	513.06	646.36	147.34	43.85		2314.08	4951.92
19Nov2022	2635.92		1510.26		1090.08	1936.32	796.56	781.2	865.8	688.16	775.12	512.97	545.6	149.46	51.408		2238.72	4764.24
20Nov2022	2580.48		1267.14		995.4	1721.88	794.94	718.92	754.2	570.72	736.56	487.86	444.44	130.22	36.016		2167.32	4603.44
21Nov2022	2727.36		1437.66		1038.36	1800	935.7	729.72	870.12	652.4	791.44	485.58	517.2	142.3	49.358		2061.84	4894.32
22Nov2022	2556		1331.16		910.56	1638.48	935.4	714.6	820.8	552.68	816.56	424.05	408.88	139.32	43.054		1843.08	4785.12
23Nov2022	2571.48		1159.68		839.04	1569.24	868.5	671.76	759.6	558.44	769.04	430.74	404.72	133.64	36.139		1864.56	4424.4
24Nov2022	2298.96		1046.64		833.76	1528.68	685.02	678.6	745.2	492.32	743.28	397.44	373.48	107.58	34.823		1856.88	4026.48
25Nov2022	2361.96		1033.26		798.72	1534.92	758.52	657.36	693.72	475.84	791.76	426.72	365.6	111.74	34.853		1908	4196.4
26Nov2022	2225.88		948.18		781.92	1517.64	724.38	615.96	632.16	478.56	713.84	364.68	363.72	115.52	40.943		1748.76	3881.76
27Nov2022	2338.2		1134.54		870.12	1613.64	735.36	653.04	702.36	516.48	676.08	425.07	423.68	125.64	37.76		1989.48	4145.52
28Nov2022	2640.6		1186.02		927.24	1732.2	885	714.24	817.56	559.76	739.28	418.59	428.64	141.58	43.727		2052.12	4688.16
29Nov2022	2768.76		1471.68		1050	1860.72	973.08	742.68	861.84	673.92	897.76	472.86	484.8	152.5	46.543		2246.16	4919.28
30Nov2022	2934		1710.24		1073.4	1914.6	1007.16	788.4	929.16	704.2	1002.56	544.56	537.68	156.52	53.183		2436.36	5285.76
01Dec2022	2755.8		1406.82		1042.8	1671.84	1006.2	748.8	872.28	629.56	863.76	513.9	482.72	151.64	50.092		2257.2	4962.24
02Dec2022	2649.6		1433.04		971.04	1888.08	889.26	736.92	863.28	652.6	859.04	519.72	476.88	144.04	42.197		2197.92	4999.68
03Dec2022	2986.56		1585.68		1101.96	1876.68	853.56	804.96	897.84	675.4	892.64	570.03	532.44	142.3	53.428		2474.04	5114.64
04Dec2022	2782.08		1300.14		989.28	1723.2	803.58	729.72	815.04	576.24	807.92	509.31	490.76	135.1	42.259		2327.76	4929.36
05Dec2022	2896.92		1605.9		1097.16	1917.6	986.22	766.44	918	677.72	839.2	537.39	527.44	152.04	53.917		2399.64	5360.16
06Dec2022	3102.48		1482.84		960.48	1836.6	1020.06	825.12	971.64	686.6	937.68	582.18	509.96	144.24	50.98		2342.52	5581.44
07Dec2022	3146.04		1627.62		1110.96	2072.52	860.28	819.72	1022.04	651.52	940.4	673.41	534.92	146.8	50.674		2392.2	5725.2
08Dec2022	0		1403.34		1002.84	1715.52	825.84	791.64	896.76	653.48	848.96	600.33	515.76	146.38	46.237		2350.44	5170.8
09Dec2022	0		1336.2		1030.32	1751.4	603.6	780.48	838.08	650.48	721.44	501.96	507.12	141.02	42.779		2209.2	4879.68
10Dec2022	0		1171.56		891	1698.84	558.96	742.68	783.72	604.48	682.64	435.48	456.4	131.78	38.77		1897.44	4189.2
11Dec2022	0		1180.02		1039.92	1808.16	517.44	720	772.92	709.52	654.72	432.21	541.44	149.6	43.942		1844.4	4173.6
12Dec2022	0		1420.32		0	1931.16	676.62	710.28	869.4	687.52	775.68	479.55	547.36	148.96	57.712		2019.6	4783.2
13Dec2022	2710.08		1319.46		1018.92	1760.16	676.5	707.4	853.56	612.12	723.68	447.63	478.68	141	45.931		1996.32	4748.88
14Dec2022	2623.32		1294.68		980.28	1733.16	660.84	743.4	771.84	609.92	692.64	441.15	476.32	134.82	40.453		2006.04	4504.56
15Dec2022	2663.28		1349.28		1006.56	1745.52	636.78	718.92	796.32	604.24	688.32	453.96	459.08	126.16	35.098		1955.4	4428
16Dec2022	2725.56		1475.16		1129.92	1913.28	625.32	705.24	802.08	709.64	734.24	509.19	529.4	154.6	45.441		2067	4716
17Dec2022	2740.68		1480.86		1110	1888.8	585.96	739.44	781.2	742.76	754.32	528.18	553.2	148.72	51.286		2162.88	4672.08
18Dec2022	2951.28		1745.46		1262.76	2046	613.38	798.84	866.52	789.16	837.76	590.28	596.12	149.44	50		2380.08	5309.28
19Dec2022	3120.12		1611.24		1328.04	2188.44	855.66	820.44	958.68	742.92	900.72	626.94	580.24	166.46	55.08		2516.04	5719.68
20Dec2022	3235.68		2084.1		1362.84	2275.68	927.12	871.56	1046.52	852.44	995.84	724.5	678.48	167.02	60.19		2726.52	6025.92
21Dec2022	3362.4		2004.66		1504.44	2230.44	893.88	972	1056.96	844.8	1163.04	700.44	723.68	183.18	69.431		2889	6138.72
22Dec2022	3490.2		2237.28		1545.24	2340	865.86	978.84	1055.52	971.68	1107.92	725.4	785.84	182.74	64.352		2870.88	6015.12
23Dec2022	3491.64		1771.26		1610.88	2351.28	794.76	939.6	1036.08	982.44	1091.68	733.11	824.8	199.7	73.318		2913.96	6191.52
24Dec2022	3382.56		2017.56		1439.52	2221.44	663.6	898.56	992.88	933.36	1038	680.64	739.52	167.84	64.933		2847.72	5840.64
25Dec2022	3186.36		1877.94		1363.56	2073	618.72	904.68	994.32	812.84	930.96	663.63	699.64	174.44	53.152		2697	5465.52
26Dec2022	3109.68		1786.5		1344.48	2056.2	586.56	833.76	927.72	736.4	968.48	624.69	654.92	149.16	58.201		2624.88	5559.12
27Dec2022	2974.32		1633.98		1151.04	1898.88	761.22	830.88	879.48	695.4	890.24	501.93	575.72	153.94	47.093		2305.92	5042.88
28Dec2022	2730.24		1402.86		1009.8	1639.2	697.92	771.84	847.8	594.68	842.8	368.97	484.52	138.94	37.026		2098.08	4733.28
29Dec2022	2748.6		1661.1		1047.12	1703.88	751.08	776.16	810.36	690.4	844	553.26	514.44	147.58	46.849		2076.96	4702.32
30Dec2022	2753.64		1533.9		1182.6	1844.4	648.54	820.08	855.72	685.44	906.24	506.52	552.52	145.52	50.98		2240.52	5034.48
31Dec2022	2703.24		1317.48		1040.16	1740.12	554.1	801.72	819	648.8	806.4	467.34	527.12	126.3	48.562		2011.32	4532.64
		…PROTECTED DATA ENDS]		…PROTECTED DATA ENDS]												…PROTECTED DATA ENDS]		

Day	CROOKSTON SO MAIN, TRAN. #1	CROOKSTON SO MAIN, TRAN. #2	DALTON JUNCTION	DAWSON	[PROTECTED DATA BEGINS…	DETROIT LAKES NW RURAL	DETROIT LAKES POKEGAMA	[PROTECTED DATA BEGINS…
01Jan2022	5866.56	4210.56	1050.712	2373.6		484.32	183.18	
02Jan2022	5906.88	3996.36	1014.023	2340.48		464.4	191.04	
03Jan2022	6525.12	3744	749.731	1984.8		369.64	127.77	
04Jan2022	7062.48	4228.92	836.176	2174.4		437.48	143.49	
05Jan2022	7095.36	4470.12	995.387	2335.68		471.92	158.79	
06Jan2022	7011.36	4488.12	1047.683	2595.36		504.84	161.85	
07Jan2022	6327.84	4272.48	1062.279	2476.32		534.48	178.11	
08Jan2022	2968.8	3414.24	864.052	2102.88		421.32	163.35	
09Jan2022	5850	3923.64	988.717	2213.76		500.44	183.93	
10Jan2022	7118.4	4172.4	957.78	2267.04		479.28	147.81	
11Jan2022	4173.6	2886.48	746.579	1948.8		394.44	123.93	
12Jan2022	4075.2	2688.12	636.48	1994.88		355.2	114.75	
13Jan2022	3961.2	2456.64	739.908	2009.28		379.68	121.83	
14Jan2022	3614.88	2836.8	865.215	1949.76		423.72	142.26	
15Jan2022	3199.92	3000.96	895.846	2184.48		458.4	139.62	
16Jan2022	2706	2273.04	803.097	1935.36		397.12	122.52	
17Jan2022	3651.84	2590.56	702.086	1925.28		369.76	121.08	
18Jan2022	4225.44	2710.44	659.43	1906.08		373.84	105.81	
19Jan2022	7424.4	3515.4	863.318	1936.8		438.6	144.66	
20Jan2022	7313.04	3399.12	956.831	2342.4		472.08	144.45	
21Jan2022	3338.16	2626.92	948.478	2124.48		454.6	143.13	
22Jan2022	2974.08	2746.44	956.005	2045.28		455.16	138.66	
23Jan2022	3166.08	2451.6	1019.623	2142.72		510.48	166.44	
24Jan2022	4317.12	2697.84	850.252	2145.12		466.4	135.84	
25Jan2022	4958.4	3129.12	991.348	2366.4		479.4	141.9	
26Jan2022	4271.28	2716.56	858.085	2095.2		422.68	125.67	
27Jan2022	4334.4	2437.2	764.969	1981.44		469.28	123	
28Jan2022	3237.36	2390.76	851.567	2001.12		417.44	129.57	
29Jan2022	3056.4	2429.64	781.463	1932		434.72	120.63	
30Jan2022	2984.4	2732.4	819.958	1912.8		429.08	135.99	
31Jan2022	3960.72	2374.2	754.565	2032.32		443.68	120.72	
01Feb2022	4249.44	2683.44	875.099	2102.4		505.32	135.06	
02Feb2022	4628.64	2842.92	932.963	2305.92		477.88	135.72	
03Feb2022	4553.04	2903.4	929.567	2325.6		503.2	146.7	
04Feb2022	4058.4	3190.32	960.809	2271.84		482.92	146.01	
05Feb2022	3112.08	2897.64	907.78	1824.48		476.8	129.54	
06Feb2022	3087.84	2576.52	860.809	1892.16		498.64	137.85	
07Feb2022	4261.44	2705.04	754.841	2004.48		416.04	126.3	
08Feb2022	4352.64	2550.24	637.918	1780.8		375.52	111.09	
09Feb2022	4426.08	2488.32	719.559	1827.36		390.52	111.33	
10Feb2022	4191.6	1829.52	773.935	1862.4		396.64	129.15	
11Feb2022	3656.88	2197.44	917.969	2228.16		504.28	130.86	
12Feb2022	3273.84	2239.56	961.085	2184.48		489.6	138.03	
13Feb2022	3373.68	2279.16	954.261	2194.56		513.16	155.07	
14Feb2022	4390.56	2202.48	742.111	2094.24		433.68	126.96	
15Feb2022	4607.04	2309.04	777.668	1932.48		421.96	125.76	
16Feb2022	4570.08	2029.32	717.631	2054.88		419.48	106.8	
17Feb2022	4526.88	2491.2	848.507	2199.84		423.2	131.58	
18Feb2022	3416.64	1999.8	947.437	2045.76		462.72	142.53	
19Feb2022	3081.84	1892.52	901.048	1976.64		412.44	141.57	
20Feb2022	2978.88	2063.52	751.322	1668.96		371.88	122.22	
21Feb2022	4458.72	2390.76	997.897	2055.84		487.72	148.23	
22Feb2022	5058.72	3171.6	1013.503	2243.52		522.92	155.7	
23Feb2022	4912.08	2799.36	844.652	2274.24		445.68	132.81	
24Feb2022	4527.84	2901.6	856.157	2314.08		455.76	137.1	
25Feb2022	3891.84	2875.68	813.47	2072.64		434.44	131.67	
26Feb2022	3146.88	1760.76	672.374	1770.24		385	117.36	
27Feb2022	2879.04	1846.8	698.904	1689.6		336.72	110.52	
28Feb2022	4025.04	1985.76	619.864	1608.48		345.44	102.3	
01Mar2022	4405.2	2075.04	592.783	1769.76		343.4	103.68	
02Mar2022	4578	1704.24	620.629	1710.24		377.96	102.27	
03Mar2022	4548.96	2220.12	698.812	2162.4		418.64	115.77	
04Mar2022	3226.56	2329.2	727.209	1879.68		410.56	124.05	
05Mar2022	2650.56	1650.24	610.378	1713.6		330.56	96.42	

Day	CROOKSTON SO MAIN, TRAN. #1	CROOKSTON SO MAIN, TRAN. #2	DALTON JUNCTION	DAWSON	[PROTECTED DATA BEGINS…	DETROIT LAKES NW RURAL	DETROIT LAKES POKEGAMA	[PROTECTED DATA BEGINS…
06Mar2022	2732.16	2110.68	693.365	1928.64		413.48	116.67	
07Mar2022	3971.28	2051.64	631.431	1939.2		389.4	111.96	
08Mar2022	4247.76	1992.96	619.375	1968.48		399.04	115.71	
09Mar2022	4632	1919.16	700.097	2144.16		430.28	115.26	
10Mar2022	4512	1951.2	698.506	1958.88		414.88	122.7	
11Mar2022	3737.52	1958.04	848.201	2139.84		516.68	130.77	
12Mar2022	2946.24	2018.88	803.189	1734.24		410.84	130.26	
13Mar2022	2797.92	1639.44	615.366	1632		362.48	113.19	
14Mar2022	4011.36	1889.28	553.982	1660.32		344.32	103.26	
15Mar2022	3884.16	1687.68	514.294	1592.16		311.72	90.09	
16Mar2022	3811.44	1494.72	503.462	1549.44		287.12	84.66	
17Mar2022	3743.28	1813.68	493.058	1536.48		301.48	92.76	
18Mar2022	2690.88	1890.36	492.782	1502.4		290.36	83.19	
19Mar2022	2206.8	1646.28	485.163	1384.8		266.48	91.11	
20Mar2022	2205.12	1713.24	517.538	1395.36		289.32	90.42	
21Mar2022	3268.8	1886.04	451.228	1486.08		266.48	86.49	
22Mar2022	3816.96	2011.68	573.811	1689.6		303.36	101.82	
23Mar2022	3863.52	1714.68	639.907	1741.92		336.36	108.15	
24Mar2022	3436.32	1776.96	451.564	1553.76		278.56	84.27	
25Mar2022	3023.04	1884.96	601.382	1743.36		381.76	113.49	
26Mar2022	2681.52	2003.76	743.855	1819.2		412.68	113.64	
27Mar2022	2585.04	2298.96	664.571	1842.24		377.84	107.31	
28Mar2022	3681.6	2728.44	632.135	1846.56		362.88	110.34	
29Mar2022	3675.12	2426.4	542.813	1775.04		340.4	102.99	
30Mar2022	3836.16	2173.68	632.043	1808.64		371.16	117.06	
31Mar2022	3121.44	2151.72	568.609	1860.96		362.72	99.36	
01Apr2022	2524.56	2405.88	557.654	1601.28		330.68	99.72	
02Apr2022	2220.24	1962	626.688	1395.84		312.04	108.39	
03Apr2022	2244.48	2021.76	652.423	1570.08		326.36	100.35	
04Apr2022	3337.92	2198.88	498.688	1548.96		279.88	84.99	
05Apr2022	3703.68	2684.52	558.511	1572		332.36	116.82	
06Apr2022	3928.8	2633.76	640.06	1626.24		349.48	104.52	
07Apr2022	3855.36	2397.24	639.509	1846.08		372.28	111.3	
08Apr2022	2510.88	2463.84	548.505	1582.08		305.4	92.85	
09Apr2022	2085.36	2354.04	514.723	1370.88		270.04	90.15	
10Apr2022	2020.32	2246.4	537.734	1378.56		261.08	87.06	
11Apr2022	3163.2	2601.36	496.669	1498.56		284.2	99.15	
12Apr2022	3814.56	2800.8	604.35	1512		326.6	107.16	
13Apr2022	3820.32	2624.4	604.442	1654.08		337.24	106.62	
14Apr2022	3905.04	2428.92	648.904	1933.92		339.24	108.24	
15Apr2022	2616.72	2361.6	714.663	1798.56		402.76	124.17	
16Apr2022	2340.48	2343.24	668.702	1692		348.52	112.44	
17Apr2022	2324.16	2210.4	658.757	1667.04		345.64	123.66	
18Apr2022	3423.84	2589.48	667.325	1790.4		380.48	109.71	
19Apr2022	3996	2408.76	580.207	1800.96		325.6	101.22	
20Apr2022	3575.28	2355.48	589.907	1393.92		319.12	92.58	
21Apr2022	3536.88	2303.64	524.606	1443.84		300.24	94.95	
22Apr2022	2726.4	2355.84	610.654	1318.56		311.12	109.26	
23Apr2022	2014.8	1535.4	423.045	1159.68		237.76	75.72	
24Apr2022	2014.8	2134.44	558.572	1288.8		304.4	102.36	
25Apr2022	3293.76	2432.52	731.738	1647.36		353.56	106.74	
26Apr2022	3668.16	2540.52	543.609	1539.36		300.52	98.28	
27Apr2022	3594.96	2303.64	550.127	1643.52		282.68	79.11	
28Apr2022	3229.68	2214.72	474.82	1492.8		265.64	88.32	
29Apr2022	2401.2	1964.88	531.736	1420.8		282.2	100.44	
30Apr2022	2056.8	2289.96	538.621	1195.2		282.96	83.64	
01May2022	2507.28	2410.56	580.696	1379.52		280.28	84.3	
02May2022	3810.72	2709.72	473.137	1521.6		297.56	84.45	
03May2022	3812.4	2106	425.279	1392.96		243.68	65.13	
04May2022	3618.96	2494.08	409.336	1364.16		234.36	61.02	
05May2022	3557.28	1695.6	400.462	1333.44		253.68	58.92	
06May2022	2408.64	1970.64	372.953	1287.36		221.6	52.74	
07May2022	1863.6	2165.76	388.895	1072.8		202.96	57.12	
08May2022	1927.68	1888.2	400.064	1034.4		193.52	63.36	

Day	CROOKSTON SO MAIN, TRAN. #1	CROOKSTON SO MAIN, TRAN. #2	DALTON JUNCTION	DAWSON	[PROTECTED DATA BEGINS…	DETROIT LAKES NW RURAL	DETROIT LAKES POKEGAMA	[PROTECTED DATA BEGINS…
09May2022	3309.36	2139.12	422.647	1299.84		238.28	64.68	
10May2022	3530.64	2445.84	370.229	1240.32		226.24	55.35	
11May2022	3359.76	2580.48	371.759	1243.68		209.64	54	
12May2022	3254.4	2797.56	216.25	1313.76		208.32	60.48	
13May2022	2336.64	2062.44	378.553	1234.56		217.76	60.63	
14May2022	1883.76	2111.4	0	1092.96		195.96	56.31	
15May2022	1823.04	2109.96	361.447	1032.48		231.56	56.55	
16May2022	3137.52	2223.72	390.181	1209.12		232.04	51.78	
17May2022	3475.44	2398.32	381.123	1233.6		220	54.18	
18May2022	3259.44	917.28	370.046	1284		215.96	58.14	
19May2022	3385.68	1645.56	396.943	1272.96		213.68	62.94	
20May2022	2686.8	1237.32	407.592	1214.88		260.72	66.42	
21May2022	2125.92	3085.56	423.443	1102.08		262.2	70.2	
22May2022	2098.32	3009.6	426.074	1103.04		237.32	68.58	
23May2022	3203.76	2880	393.424	1391.04		226.72	61.53	
24May2022	3188.88	3019.32	363.681	1223.52		233	52.53	
25May2022	3282.24	2994.48	391.649	1187.52		219.72	56.91	
26May2022	2730.96	2971.08	399.82	1205.76		236.64	53.82	
27May2022	2122.32	2818.44	398.443	1173.6		198.8	60.24	
28May2022	1495.2	3004.92	349.085	1161.6		175.12	50.52	
29May2022	1584	2981.52	347.83	1254.72		187.44	47.7	
30May2022	1588.08	3034.8	189.995	1192.8		182	48.93	
31May2022	2494.32	2926.08	385.315	1200.96		196.52	61.71	
01Jun2022	2672.64	2996.28	287.059	1166.88		237.72	60.81	
02Jun2022	2627.04	2912.04	388.345	1117.44		203.88	51.18	
03Jun2022	2158.08	2824.56	374.024	1139.04		219.72	56.16	
04Jun2022	1672.56	2452.32	327.695	1011.84		187.48	48.81	
05Jun2022	1474.56	2655.36	312.028	1090.08		170.44	58.32	
06Jun2022	2443.92	2589.48	364.691	1210.08		214.68	51.84	
07Jun2022	3144	2529.72	360.866	1250.88		198.76	54	
08Jun2022	3120.72	2905.2	366.435	1210.56		194.36	54.99	
09Jun2022	2987.04	2871	348.289	1172.16		212.76	59.94	
10Jun2022	2241.6	3036.24	353.583	1296.48		200.6	59.34	
11Jun2022	1641.84	3002.4	350.033	1154.4		182.28	55.65	
12Jun2022	1587.12	2968.2	332.377	1203.36		179.36	50.4	
13Jun2022	2992.08	3273.48	411.325	1635.84		222.8	55.59	
14Jun2022	3707.28	3246.12	443.639	1746.24		227.96	54.48	
15Jun2022	3272.16	3072.6	401.441	1504.32		218.8	60.48	
16Jun2022	2968.32	2950.56	372.035	1371.84		206.24	61.23	
17Jun2022	2633.04	2891.16	367.414	1354.08		206.4	52.47	
18Jun2022	1740.24	3027.6	347.157	1290.24		199.72	59.07	
19Jun2022	2053.92	3273.12	426.778	1627.2		231	58.59	
20Jun2022	2924.64	3530.88	548.872	2134.08		304.04	90.99	
21Jun2022	3490.32	3347.64	407.378	1667.04		249.6	64.53	
22Jun2022	3125.76	3243.96	377.849	1448.64		191.92	62.01	
23Jun2022	3464.64	3234.96	402.941	1492.8		216	60.3	
24Jun2022	2999.52	3565.08	459.796	1793.28		267.44	62.91	
25Jun2022	1796.64	3225.24	396.515	1483.2		202.92	55.35	
26Jun2022	1450.08	2867.4	327.879	1094.4		182.76	44.58	
27Jun2022	2607.36	3233.16	344.281	1231.2		198.84	51.3	
28Jun2022	3236.88	3185.64	374.942	1454.4		200.96	55.95	
29Jun2022	3066	3264.84	372.83	1346.4		192.48	50.94	
30Jun2022	2695.68	3207.6	389.966	1649.28		197.04	51.42	
01Jul2022	2075.28	3148.92	381.704	1417.44		208.8	49.95	
02Jul2022	1427.04	3074.04	344.097	1293.12		178.64	46.5	
03Jul2022	1483.92	3164.4	354.073	1221.12		183.56	51.48	
04Jul2022	1812.48	3399.84	388.926	1361.76		196.68	55.71	
05Jul2022	2975.28	3723.12	438.712	1658.4		221.32	64.74	
06Jul2022	3263.76	3660.48	407.684	1473.12		217.4	52.23	
07Jul2022	3312.72	3848.4	413.957	1562.4		217.64	61.65	
08Jul2022	2601.84	3507.84	387.824	1537.44		207.2	53.73	
09Jul2022	1709.28	3373.92	371.362	1394.88		196.56	53.13	
10Jul2022	1912.56	3425.76	401.319	1531.2		236.72	55.2	
11Jul2022	3129.12	3727.08	411.876	1667.52		224.56	58.92	

Day	CROOKSTON SO MAIN, TRAN. #1	CROOKSTON SO MAIN, TRAN. #2	DALTON JUNCTION	DAWSON	[PROTECTED DATA BEGINS…	DETROIT LAKES NW RURAL	DETROIT LAKES POKEGAMA	[PROTECTED DATA BEGINS…
12Jul2022	3422.16	3701.52	386.539	1435.2		205.56	59.85	
13Jul2022	3082.8	3682.8	377.604	1427.52		207.32	50.49	
14Jul2022	3128.16	3689.64	385.713	1467.36		212.24	56.94	
15Jul2022	2747.76	3652.2	418.547	1699.68		227.16	62.91	
16Jul2022	2055.84	3566.52	414.722	1533.12		209.16	53.22	
17Jul2022	1863.12	3508.56	365.609	1360.32		187.56	53.49	
18Jul2022	3508.08	4020.12	487.611	1740.48		264.52	66.15	
19Jul2022	3747.36	3778.2	524.086	2055.84		280.44	71.73	
20Jul2022	3583.44	3679.56	450.983	1733.28		230.48	59.13	
21Jul2022	3594.96	3693.24	421.882	1630.08		224.88	56.28	
22Jul2022	2783.76	3603.6	408.02	1628.64		219.64	52.5	
23Jul2022	932.64	3319.56	402.206	1533.6		233.96	53.82	
24Jul2022	724.8	3212.64	344.893	1291.2		192.88	46.35	
25Jul2022	1959.36	3506.04	364.997	1362.72		188.16	53.34	
26Jul2022	1961.28	3755.88	376.564	1362.72		205.28	54.96	
27Jul2022	1722.72	3639.24	350.125	1309.92		203.24	55.53	
28Jul2022	1627.92	3454.56	360.284	1302.24		193.32	54.09	
29Jul2022	1303.2	3459.6	344.189	1248.96		194.8	57.51	
30Jul2022	851.52	3434.4	338.987	1163.04		187.36	48.12	
31Jul2022	881.04	3582	378.859	1283.04		206.44	48.06	
01Aug2022	1771.92	3642.84	367.904	1384.32		200.4	53.43	
02Aug2022	2127.36	3954.24	388.987	1474.08		196.92	50.91	
03Aug2022	2125.92	3683.16	438.1	1686.24		230.84	60.87	
04Aug2022	2013.6	3742.2	374.483	1265.28		205.08	54.96	
05Aug2022	1623.36	3899.16	392.935	1504.32		220.44	61.02	
06Aug2022	991.2	3452.76	393.118	1374.72		214.28	57.99	
07Aug2022	852.72	3315.24	315.761	1212.96		178.4	47.28	
08Aug2022	1992.48	3434.04	350.768	1175.04		183.68	52.2	
09Aug2022	2119.2	3218.76	347.004	1260		206.28	50.04	
10Aug2022	2027.52	3309.12	397.647	1386.24		211.04	52.65	
11Aug2022	1828.32	3195.72	378.614	1467.36		199.84	53.43	
12Aug2022	1248.72	3587.04	388.651	1392.96		215.92	51.87	
13Aug2022	868.32	3371.4	349.789	1300.8		204.32	50.07	
14Aug2022	821.04	3284.28	326.9	1124.64		198.72	49.89	
15Aug2022	1789.68	3849.12	384.764	1290.72		215.48	52.56	
16Aug2022	2282.4	3962.16	384.55	1370.88		216.96	55.11	
17Aug2022	2148.24	3960.72	411.05	1373.28		228.28	60.15	
18Aug2022	1927.2	3904.56	434.704	1531.2		232.68	52.05	
19Aug2022	1304.16	4018.68	368.516	1373.28		214.84	46.92	
20Aug2022	939.36	3990.24	355.633	1140.96		191.04	48.63	
21Aug2022	794.4	4736.16	330.633	1088.64		178.56	47.85	
22Aug2022	1826.16	5101.56	371.943	1346.4		217.28	54.99	
23Aug2022	2207.28	3967.2	388.314	1436.64		208.52	51	
24Aug2022	1888.08	3952.44	418.914	1496.16		233.92	57.42	
25Aug2022	1745.04	3280.68	384.397	1372.8		202.16	54.06	
26Aug2022	1262.88	3725.64	359.366	1216.32		187.76	57.45	
27Aug2022	996.72	3371.4	348.565	1272		211.56	46.05	
28Aug2022	900.48	3085.92	365.058	1163.52		187.56	46.17	
29Aug2022	1606.08	3116.88	372.463	1365.6		199.4	50.97	
30Aug2022	1882.32	2788.2	370.75	1253.76		209.04	49.95	
31Aug2022	1920.96	3468.24	383.357	1385.76		217.48	51.33	
01Sep2022	1900.32	3661.56	411.539	1428.96		218.92	51.57	
02Sep2022	1318.32	3351.24	449.422	1643.04		249.16	57.93	
03Sep2022	949.44	3030.48	343.393	1128.48		195.68	45.09	
04Sep2022	888.24	2914.56	324.819	1029.6		184.92	43.32	
05Sep2022	1127.76	3154.32	340.884	1112.16		194.48	46.86	
06Sep2022	2069.76	3249.36	424.789	1403.04		217.92	55.44	
07Sep2022	2237.04	3369.24	438.712	1531.68		230.36	51.27	
08Sep2022	1968	3492.36	460.928	1622.88		251.88	63.09	
09Sep2022	1484.16	3134.88	450.126	1373.28		225.96	53.85	
10Sep2022	1173.6	2697.12	398.81	1003.68		197.2	52.86	
11Sep2022	1063.2	2620.08	381.735	987.84		186.96	48.06	
12Sep2022	1970.64	2901.6	381.582	1167.84		235	56.88	
13Sep2022	2258.88	1923.12	353.736	1229.28		205.52	57.6	

Day	CROOKSTON SO MAIN, TRAN. #1	CROOKSTON SO MAIN, TRAN. #2	DALTON JUNCTION	DAWSON	[PROTECTED DATA BEGINS…	DETROIT LAKES NW RURAL	DETROIT LAKES POKEGAMA	[PROTECTED DATA BEGINS…
14Sep2022	2209.68	2172.24	368.699	1223.52		216.52	53.19	
15Sep2022	1827.12	2182.68	383.816	1459.68		229.52	55.86	
16Sep2022	1618.8	2157.48	377.696	1408.8		239.36	48.21	
17Sep2022	1168.56	1940.4	324.238	1193.76		196.24	48.12	
18Sep2022	1022.4	1922.04	314.782	1142.88		181.32	45.6	
19Sep2022	1921.2	2124.36	379.379	1206.24		211.12	52.11	
20Sep2022	2184.72	2475.36	372.983	1376.16		221.4	51.12	
21Sep2022	2196.48	2719.44	381.276	1228.32		214.12	55.11	
22Sep2022	1818.24	2519.64	415.242	1148.64		249.04	52.71	
23Sep2022	1132.56	2070.72	513.193	1203.84		230.16	60.39	
24Sep2022	873.84	1943.28	412.58	1038.72		196.36	48.48	
25Sep2022	771.36	2200.68	359.305	1021.44		207.2	52.26	
26Sep2022	1776	2482.2	400.493	1165.92		254.36	51.84	
27Sep2022	1987.92	2467.8	345.137	1184.64		244.88	50.31	
28Sep2022	1909.2	2859.84	378.124	1265.28		243.4	51.06	
29Sep2022	1965.12	2844.72	352.328	1318.08		231.24	51.3	
30Sep2022	1393.2	2716.2	372.739	1302.24		224.76	47.28	
01Oct2022	974.16	2618.64	357.01	1208.16		192.68	44.82	
02Oct2022	1040.16	2363.4	365.456	1147.68		203.16	49.14	
03Oct2022	1967.28	2525.4	359.887	1248.48		212.28	48.03	
04Oct2022	2105.04	2241.72	352.665	1337.28		219.6	50.43	
05Oct2022	2358	2430	358.663	1245.6		252.6	50.91	
06Oct2022	2688	2560.32	376.961	1364.16		231.64	69.63	
07Oct2022	2509.44	2769.84	482.654	1472.64		265.28	57.09	
08Oct2022	1330.56	2293.92	479.869	1389.12		235.16	59.91	
09Oct2022	1288.32	2240.28	487.856	1232.16		234.96	55.74	
10Oct2022	2120.4	2345.76	461.968	1573.44		229.12	54.6	
11Oct2022	1905.6	1911.24	471.944	1482.24		229.32	48.78	
12Oct2022	4762.32	3045.6	536.846	1254.24		223.08	64.41	
13Oct2022	4639.2	3020.76	697.252	1642.56		300.16	82.98	
14Oct2022	4179.84	3135.6	653.249	1820.64		299.16	89.88	
15Oct2022	3643.2	2903.04	563.989	1632.48		288.36	77.94	
16Oct2022	1266.48	2449.8	626.81	1524		272.76	72.51	
17Oct2022	2180.88	2603.52	818.183	1989.12		347.92	98.85	
18Oct2022	2425.44	2121.12	776.383	1989.12		324.24	97.86	
19Oct2022	2705.76	2293.92	652.667	1798.56		260.88	84.9	
20Oct2022	2008.08	2275.56	632.043	1604.64		261.96	71.49	
21Oct2022	1889.04	2484.36	556.461	1573.92		251.92	66.87	
22Oct2022	1006.56	2606.4	446.974	1458.72		234.08	72.18	
23Oct2022	1001.52	2918.88	412.213	1322.88		218.44	65.64	
24Oct2022	2169.12	3008.16	388.283	1585.92		224.16	65.97	
25Oct2022	4612.08	4066.92	395.78	1748.16		290.44	87.18	
26Oct2022	4362.72	3960.72	574.423	1807.2		282.24	72.18	
27Oct2022	2648.88	2467.08	494.496	1473.6		274.76	82.53	
28Oct2022	1818	2517.12	443.761	1396.32		256.76	63.21	
29Oct2022	1619.52	2386.08	451.503	1250.88		236	54.39	
30Oct2022	1576.32	2570.76	438.773	1306.56		241.68	71.19	
31Oct2022	2073.12	2436.12	384.581	1471.68		261	66.09	
01Nov2022	2315.52	2107.8	374.33	1436.16		256.84	62.43	
02Nov2022	2228.64	2229.48	365.548	1363.2		254.44	53.01	
03Nov2022	4447.92	3782.16	429.502	1332.96		255.2	74.28	
04Nov2022	1604.4	2331.72	460.469	1696.32		307.28	68.73	
05Nov2022	1722.96	2153.16	519.374	1633.92		276.36	74.73	
06Nov2022	1491.36	2382.48	564.539	1564.32		266.08	86.97	
07Nov2022	2378.64	2367.72	644.283	2014.08		352.88	87.27	
08Nov2022	4758	3679.56	574.117	1418.88		315.76	88.5	
09Nov2022	2441.52	2435.76	542.966	1423.2		298.6	78.42	
10Nov2022	2031.36	2538	573.505	1415.04		289.12	86.97	
11Nov2022	2040.96	2694.24	776.444	1848.96		370.84	107.16	
12Nov2022	1301.76	2607.84	743.09	1733.28		330.92	110.79	
13Nov2022	1216.32	2433.6	746.15	1695.36		349.48	106.2	
14Nov2022	2419.68	2450.16	657.839	1870.08		361.32	90.84	
15Nov2022	2568.24	2481.12	647.404	1833.6		366.28	97.38	
16Nov2022	2608.56	2931.12	647.741	1881.12		368.6	100.86	

[PROTECTED DATA BEGINS...

Day	CROOKSTON SO MAIN, TRAN. #1	CROOKSTON SO MAIN, TRAN. #2	DALTON JUNCTION	DAWSON	DETROIT LAKES NW RURAL	DETROIT LAKES POKEGAMA
17Nov2022	2580.48	2976.84	710.838	1860.48	365.32	104.16
18Nov2022	1657.68	2788.56	798.905	2065.92	423.6	113.97
19Nov2022	1485.36	2722.68	751.75	2099.04	400.4	118.05
20Nov2022	1381.44	2791.08	689.693	1943.52	339.52	100.86
21Nov2022	2479.92	3338.28	735.41	2097.12	407.8	107.01
22Nov2022	2469.84	3068.28	595.354	1803.84	361.32	96.87
23Nov2022	1701.12	2882.16	547.771	1751.04	317.4	79.23
24Nov2022	1163.76	2505.96	605.146	1631.52	281.8	92.91
25Nov2022	1358.88	2415.96	570.659	1629.12	313.76	86.46
26Nov2022	1250.4	2023.56	512.672	1476.48	286.52	88.62
27Nov2022	1265.28	2391.48	613.775	1648.8	329.72	101.22
28Nov2022	2436.96	2169.72	584.032	1793.28	365.12	92.43
29Nov2022	2689.92	2079	730.973	1823.04	383.2	121.29
30Nov2022	2497.68	2367	834.584	2066.88	425.36	138.36
01Dec2022	2096.16	2196.36	704.106	1876.32	420.96	119.13
02Dec2022	1844.64	2197.8	692.784	1807.2	373.6	126.66
03Dec2022	1626	2173.68	862.859	2023.68	453.44	136.77
04Dec2022	1502.4	1991.52	682.349	1777.44	376.08	118.5
05Dec2022	2515.44	2155.32	783.544	1869.12	426.04	115.86
06Dec2022	2857.68	2316.96	758.88	1962.72	425.28	131.91
07Dec2022	2845.44	2237.04	789.143	2089.44	450.8	119.49
08Dec2022	2189.76	2314.8	708.359	1975.2	417.64	110.88
09Dec2022	1791.12	2206.44	650.281	1870.56	391.28	101.43
10Dec2022	1381.68	2219.4	685.379	1598.4	334.32	108.12
11Dec2022	1328.16	2217.6	687.154	1850.88	351.28	103.23
12Dec2022	2373.36	2248.2	774.486	1900.32	367.92	124.77
13Dec2022	2525.04	2155.68	783.482	1735.68	364.16	108.24
14Dec2022	2409.36	2491.56	697.711	1700.16	321.84	110.79
15Dec2022	3056.16	3405.6	700.22	1677.12	332.2	97.53
16Dec2022	4274.88	4377.96	728.525	1784.64	348.24	110.76
17Dec2022	4134	4177.8	864.542	1880.16	406.08	114.99
18Dec2022	4107.36	4419.36	922.406	1996.8	447.56	126.63
19Dec2022	5082.96	4683.96	881.494	2153.76	461.64	137.79
20Dec2022	5507.28	4821.48	973.294	2276.64	507.72	145.26
21Dec2022	5729.76	4901.76	1103.13	2284.8	523.48	175.92
22Dec2022	5030.88	4908.24	1128.161	2382.72	558.56	165.36
23Dec2022	4621.92	4864.68	1159.465	2423.04	571.96	161.22
24Dec2022	4394.64	4482.72	1121.582	2388	556.04	167.55
25Dec2022	4320.24	4169.52	1039.298	2181.12	487.4	152.01
26Dec2022	4352.64	4457.16	950.62	2156.16	504.56	139.41
27Dec2022	2386.8	2658.96	875.374	1941.12	411.84	118.32
28Dec2022	2407.92	2455.56	730.422	1760.64	426.92	99.72
29Dec2022	2416.32	2684.88	783.941	1746.72	426	113.19
30Dec2022	1703.76	2859.12	823.752	1971.36	435.76	109.68
31Dec2022	1412.88	2777.4	788.378	1752	367.8	123.66

...PROTECTED DATA ENDS]

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[PROTECTED DATA BEGINS…

Day	ERSKINE	EVANSVILLE
01Jan2022	1991.4	1092.48
02Jan2022	1873.44	1070.28
03Jan2022	1618.08	746.4
04Jan2022	1649.28	910.08
05Jan2022	1928.52	1027.56
06Jan2022	1549.92	993.6
07Jan2022	1834.2	1229.4
08Jan2022	1711.56	946.2
09Jan2022	1942.56	1068
10Jan2022	1862.04	1157.64
11Jan2022	1417.08	925.92
12Jan2022	1329.48	763.68
13Jan2022	1460.28	835.8
14Jan2022	1669.92	894.6
15Jan2022	1662	882.72
16Jan2022	1273.68	771.12
17Jan2022	1359.48	815.04
18Jan2022	1431.96	765
19Jan2022	1961.4	781.68
20Jan2022	1988.04	1015.2
21Jan2022	1615.68	931.92
22Jan2022	1843.44	1000.32
23Jan2022	1886.04	1079.4
24Jan2022	1983	959.16
25Jan2022	2050.2	1042.8
26Jan2022	1549.8	973.92
27Jan2022	1755.12	864
28Jan2022	1618.8	920.88
29Jan2022	1561.56	817.56
30Jan2022	1620.24	876.96
31Jan2022	1351.8	932.52
01Feb2022	1802.76	998.28
02Feb2022	1950.84	1031.76
03Feb2022	1943.52	1051.2
04Feb2022	1882.68	1000.8
05Feb2022	1601.76	966.36
06Feb2022	1733.88	900.6
07Feb2022	1473.6	801.24
08Feb2022	1355.88	763.08
09Feb2022	1497.84	796.32
10Feb2022	1373.64	865.68
11Feb2022	1820.04	946.44
12Feb2022	1860.84	999.6
13Feb2022	1882.08	1115.28
14Feb2022	1531.32	805.92
15Feb2022	0	906.12
16Feb2022	0	840.48
17Feb2022	1784.4	951.6
18Feb2022	1810.68	1042.44
19Feb2022	1522.68	1002.72
20Feb2022	1495.8	805.44
21Feb2022	1941.48	1056.72
22Feb2022	2058.36	1060.44
23Feb2022	1710.84	962.52
24Feb2022	1725.48	963.12
25Feb2022	1724.28	914.52
26Feb2022	1401.12	767.64
27Feb2022	1347.12	776.28
28Feb2022	1300.44	730.56
01Mar2022	1280.4	693.72
02Mar2022	1348.44	706.2
03Mar2022	1523.04	814.44
04Mar2022	1344.36	823.8
05Mar2022	1280.76	753.48

[PROTECTED DATA BEGINS…

Day	ERSKINE	EVANSVILLE
06Mar2022	1375.08	810.12
07Mar2022	937.08	806.88
08Mar2022	693	742.92
09Mar2022	770.64	816.96
10Mar2022	942.48	825.84
11Mar2022	1031.64	973.68
12Mar2022	904.68	864.6
13Mar2022	937.92	700.8
14Mar2022	937.08	676.56
15Mar2022	693	612.72
16Mar2022	770.64	594.96
17Mar2022	942.48	614.64
18Mar2022	1031.64	581.16
19Mar2022	904.68	596.76
20Mar2022	937.92	636.96
21Mar2022	937.08	575.64
22Mar2022	693	675
23Mar2022	770.64	741.24
24Mar2022	942.48	568.92
25Mar2022	1031.64	721.8
26Mar2022	904.68	682.68
27Mar2022	937.92	754.92
28Mar2022	937.08	768.72
29Mar2022	693	735.24
30Mar2022	770.64	519.84
31Mar2022	942.48	507
01Apr2022	1031.64	562.68
02Apr2022	904.68	525.72
03Apr2022	937.92	527.04
04Apr2022	937.08	513.6
05Apr2022	693	501.12
06Apr2022	770.64	519.84
07Apr2022	942.48	507
08Apr2022	1031.64	562.68
09Apr2022	904.68	525.72
10Apr2022	937.92	527.04
11Apr2022	937.08	513.6
12Apr2022	693	501.12
13Apr2022	770.64	519.84
14Apr2022	942.48	507
15Apr2022	1031.64	562.68
16Apr2022	904.68	525.72
17Apr2022	937.92	527.04
18Apr2022	937.08	513.6
19Apr2022	693	501.12
20Apr2022	770.64	519.84
21Apr2022	942.48	507
22Apr2022	1031.64	562.68
23Apr2022	904.68	525.72
24Apr2022	937.92	527.04
25Apr2022	937.08	513.6
26Apr2022	693	501.12
27Apr2022	770.64	519.84
28Apr2022	942.48	507
29Apr2022	1031.64	562.68
30Apr2022	904.68	525.72
01May2022	937.92	527.04
02May2022	937.08	513.6
03May2022	693	501.12
04May2022	770.64	519.84
05May2022	942.48	507
06May2022	1031.64	562.68
07May2022	904.68	525.72
08May2022	937.92	527.04

[PROTECTED DATA BEGINS…

Day	ERSKINE	EVANSVILLE
09May2022	937.08	513.6
10May2022	693	501.12
11May2022	770.64	519.84
12May2022	942.48	507
13May2022	1031.64	562.68
14May2022	904.68	525.72
15May2022	937.92	527.04
16May2022	937.08	513.6
17May2022	693	501.12
18May2022	770.64	519.84
19May2022	942.48	507
20May2022	1031.64	562.68
21May2022	904.68	525.72
22May2022	937.92	527.04
23May2022	937.08	513.6
24May2022	693	501.12
25May2022	770.64	519.84
26May2022	942.48	507
27May2022	1031.64	562.68
28May2022	904.68	525.72
29May2022	937.92	527.04
30May2022	937.08	513.6
31May2022	683.76	501.12
01Jun2022	760.44	519.84
02Jun2022	930	507
03Jun2022	1017.84	562.68
04Jun2022	892.8	525.72
05Jun2022	925.56	527.04
06Jun2022	924.6	513.6
07Jun2022	683.76	501.12
08Jun2022	760.44	519.84
09Jun2022	930	507
10Jun2022	1017.84	562.68
11Jun2022	892.8	525.72
12Jun2022	925.56	527.04
13Jun2022	924.6	513.6
14Jun2022	683.76	501.12
15Jun2022	760.44	519.84
16Jun2022	930	507
17Jun2022	1017.84	562.68
18Jun2022	892.8	525.72
19Jun2022	925.56	527.04
20Jun2022	924.6	513.6
21Jun2022	683.76	501.12
22Jun2022	760.44	519.84
23Jun2022	930	507
24Jun2022	1017.84	562.68
25Jun2022	892.8	525.72
26Jun2022	925.56	527.04
27Jun2022	924.6	513.6
28Jun2022	683.76	501.12
29Jun2022	760.44	519.84
30Jun2022	930	509.4
01Jul2022	1017.84	565.08
02Jul2022	892.8	528.12
03Jul2022	925.56	529.44
04Jul2022	924.6	516
05Jul2022	683.76	503.52
06Jul2022	760.44	522.24
07Jul2022	930	509.4
08Jul2022	1017.84	565.08
09Jul2022	892.8	528.12
10Jul2022	925.56	529.44
11Jul2022	924.6	516

[PROTECTED DATA BEGINS…

Day	ERSKINE	EVANSVILLE
12Jul2022	683.76	503.52
13Jul2022	760.44	522.24
14Jul2022	930	509.4
15Jul2022	1017.84	565.08
16Jul2022	892.8	528.12
17Jul2022	925.56	529.44
18Jul2022	924.6	516
19Jul2022	683.76	503.52
20Jul2022	760.44	522.24
21Jul2022	930	509.4
22Jul2022	1017.84	565.08
23Jul2022	892.8	528.12
24Jul2022	925.56	529.44
25Jul2022	924.6	516
26Jul2022	683.76	503.52
27Jul2022	760.44	522.24
28Jul2022	930	509.4
29Jul2022	1017.84	565.08
30Jul2022	892.8	528.12
31Jul2022	925.56	529.44
01Aug2022	924.6	516
02Aug2022	683.76	503.52
03Aug2022	760.44	522.24
04Aug2022	930	509.4
05Aug2022	1017.84	598.68
06Aug2022	656.04	398.52
07Aug2022	573.96	333.36
08Aug2022	643.2	376.08
09Aug2022	673.8	398.64
10Aug2022	680.04	454.2
11Aug2022	624.96	409.68
12Aug2022	635.4	412.92
13Aug2022	630	376.08
14Aug2022	573.72	333.12
15Aug2022	673.8	422.52
16Aug2022	744.84	446.88
17Aug2022	714.12	461.88
18Aug2022	664.32	471.12
19Aug2022	665.28	422.64
20Aug2022	622.2	366.6
21Aug2022	564.96	339.96
22Aug2022	674.04	410.4
23Aug2022	704.16	429.84
24Aug2022	677.4	473.04
25Aug2022	691.2	440.4
26Aug2022	659.64	435.72
27Aug2022	631.32	413.04
28Aug2022	615.84	372
29Aug2022	649.2	426.12
30Aug2022	695.52	391.92
31Aug2022	704.04	418.92
01Sep2022	690.24	436.92
02Sep2022	638.76	494.52
03Sep2022	587.04	326.16
04Sep2022	538.68	362.88
05Sep2022	563.28	311.76
06Sep2022	692.04	465.12
07Sep2022	693.6	448.92
08Sep2022	644.16	516.48
09Sep2022	656.52	412.8
10Sep2022	672.72	360.84
11Sep2022	642.24	356.04
12Sep2022	643.8	449.28
13Sep2022	662.28	448.32

[PROTECTED DATA BEGINS…

Day	ERSKINE	EVANSVILLE
14Sep2022	601.08	425.28
15Sep2022	688.68	447.48
16Sep2022	662.28	439.44
17Sep2022	642.84	349.8
18Sep2022	632.4	327.72
19Sep2022	633.24	415.08
20Sep2022	630.72	428.28
21Sep2022	651.24	429.6
22Sep2022	670.8	420
23Sep2022	676.08	479.64
24Sep2022	664.8	381.48
25Sep2022	643.2	401.88
26Sep2022	661.2	444.48
27Sep2022	688.92	425.4
28Sep2022	686.52	420.12
29Sep2022	628.08	434.88
30Sep2022	622.56	394.8
01Oct2022	643.68	378.48
02Oct2022	623.52	461.76
03Oct2022	622.8	429.36
04Oct2022	605.88	433.44
05Oct2022	659.16	436.32
06Oct2022	790.44	475.68
07Oct2022	774.48	473.76
08Oct2022	699.24	439.8
09Oct2022	694.8	419.64
10Oct2022	653.88	464.52
11Oct2022	644.52	441.48
12Oct2022	813.6	506.4
13Oct2022	939.72	589.92
14Oct2022	879.36	604.08
15Oct2022	885.48	497.4
16Oct2022	1002.84	549
17Oct2022	983.4	646.92
18Oct2022	940.44	610.32
19Oct2022	850.8	565.68
20Oct2022	731.64	507.48
21Oct2022	731.4	441.36
22Oct2022	732.6	412.8
23Oct2022	635.52	439.44
24Oct2022	761.76	472.08
25Oct2022	931.68	532.68
26Oct2022	802.32	529.2
27Oct2022	867.96	569.88
28Oct2022	799.08	446.88
29Oct2022	802.68	436.68
30Oct2022	742.2	425.16
31Oct2022	785.52	455.76
01Nov2022	732.24	427.8
02Nov2022	0	418.08
03Nov2022	969.6	517.8
04Nov2022	1011.48	597.24
05Nov2022	928.32	531.96
06Nov2022	1061.28	596.64
07Nov2022	1118.64	700.56
08Nov2022	967.68	600.84
09Nov2022	1148.88	590.88
10Nov2022	1229.88	684.96
11Nov2022	1294.44	918.6
12Nov2022	1244.52	838.68
13Nov2022	1252.44	883.92
14Nov2022	1259.28	884.76
15Nov2022	1272.48	801.84
16Nov2022	1407.72	793.92

[PROTECTED DATA BEGINS…

Day	ERSKINE	EVANSVILLE
17Nov2022	1455.96	906.48
18Nov2022	1440.48	917.88
19Nov2022	1474.8	919.68
20Nov2022	1334.76	809.4
21Nov2022	1319.04	918.72
22Nov2022	1236.72	756.84
23Nov2022	1113.24	689.64
24Nov2022	1047.72	576.48
25Nov2022	1119	602.04
26Nov2022	1131	571.8
27Nov2022	1170.24	770.4
28Nov2022	1254.84	703.92
29Nov2022	1436.52	916.08
30Nov2022	1613.4	1022.64
01Dec2022	1378.56	865.2
02Dec2022	1524.36	866.04
03Dec2022	1633.56	991.68
04Dec2022	1396.56	821.4
05Dec2022	1644.6	844.08
06Dec2022	1613.76	991.8
07Dec2022	1714.44	941.28
08Dec2022	1437.48	897.96
09Dec2022	1313.88	865.2
10Dec2022	1215.72	810.84
11Dec2022	1217.76	833.52
12Dec2022	1285.92	878.16
13Dec2022	1311.84	771
14Dec2022	1222.92	841.08
15Dec2022	1262.88	823.32
16Dec2022	1397.88	900.24
17Dec2022	1482.24	987.72
18Dec2022	1687.44	1022.16
19Dec2022	1578.36	941.4
20Dec2022	1956.96	1251.12
21Dec2022	2001.84	1236.6
22Dec2022	2076.12	1327.68
23Dec2022	1852.68	1082.64
24Dec2022	1913.28	1222.56
25Dec2022	1694.76	1150.8
26Dec2022	1733.76	1079.16
27Dec2022	1370.52	993.24
28Dec2022	1279.92	874.56
29Dec2022	1516.44	894.96
30Dec2022	1482.96	890.64
31Dec2022	1323.36	852.6

…PROTECTED DATA ENDS]

[PROTECTED DATA BEGINS…

Day	FANNY RURAL	FARWELL	FERGUS FALLS AURDAL RURAL	FERGUS FALLS DAYTON HOLLOW	FERGUS FALLS DIV. RURAL	FERGUS FALLS EDGETOWN	FERGUS FALLS NE	FERGUS FALLS SE	FERTILE	FISHER	FORADA MAPLE LAKE	FOXHOME	GARY	GREEN VALLEY	GREENBUSH	GULLY	HALLOCK NW
01Jan2022	28.4	120.876	447.9	249.18	944.4	13366.081	8809.6	2168.268	2157.84	644.8	943.02	228.12	460.24	306.42	1904.32	181.9	2025.96
02Jan2022	21	116.34	417.39	228.15	965.58	13668.481	8761.6	2127.06	1989.04	631.6	859.92	216.68	407	294.18	1794.72	174.04	2050.56
03Jan2022	27.62	87.3	313.38	146.07	707.88	13242.241	8449.6	2024.04	1878.24	584	623.28	170.32	423.64	286.74	1650.96	150.46	1899.48
04Jan2022	23.22	101.904	346.5	173.07	798.36	13404.961	8363.2	2027.676	1921.84	571.84	663.42	170.68	418.12	308.22	1580.24	163.82	1933.32
05Jan2022	53.1	125.004	412.23	207.09	880.92	14103.361	8812.8	2216.748	2013.36	662.72	822.6	200.6	494.8	377.58	1790.64	170.48	2036.16
06Jan2022	22.46	124.692	438.36	220.95	952.92	15713.281	9758.4	2233.716	2007.04	624.24	812.34	203.2	473.44	373.26	1870.32	175.82	1989.96
07Jan2022	58.56	134.556	457.26	234.66	1026.66	14022.721	9232	2278.56	2194.96	636.32	915.78	226.96	462.12	362.64	1598.88	192.64	2119.8
08Jan2022	22.04	124.344	372.48	180.3	849.36	12093.12	7928	1849.512	1745.52	534.08	766.5	169.24	391.16	260.64	1474.16	163.4	1737.36
09Jan2022	23.82	136.128	442.68	202.29	906.6	12949.921	8307.2	2037.372	2075.36	616.24	865.44	201.48	442.52	293.43	1738.48	164.86	1909.08
10Jan2022	19.32	137.268	416.58	195.57	946.14	14925.601	9225.6	2131.908	2153.76	665.36	798.42	187.44	466	372.18	1750.08	169.92	2067.24
11Jan2022	14.46	110.784	297.78	162.42	699.48	12314.88	7852.8	1672.56	1614.24	530.08	624.78	162.28	358.16	277.92	1393.2	140.52	1669.32
12Jan2022	17.3	88.824	237.72	115.29	599.76	11977.92	7440	1683.468	1558.56	494	508.14	131.16	333.16	264.99	1416.24	130.54	1738.08
13Jan2022	15.08	105.636	314.94	165.6	741.72	12071.52	7723.2	1725.888	1631.12	526.32	591.48	165.32	352.16	293.88	1468.4	135.78	1732.2
14Jan2022	18.3	115.092	366.75	186.87	805.98	12123.36	7838.4	1930.716	1862.24	539.68	742.8	175.88	387.76	286.65	1601.68	150.5	1867.32
15Jan2022	60.1	123.252	332.19	198.75	803.16	12435.84	7819.2	1859.208	1835.68	587.36	743.1	199.72	392.56	280.5	1564.64	145.98	1842.36
16Jan2022	10.86	112.992	352.38	156.63	763.92	10933.92	6897.6	1660.44	1524.4	526.96	704.52	144.08	318.16	241.98	1151.36	127.02	1538.16
17Jan2022	13.22	94.044	280.89	124.32	690.24	11668.32	7288	1631.352	1559.36	507.6	571.26	137.68	342.92	268.44	1359.92	118.14	1622.4
18Jan2022	15.28	85.764	294.87	140.28	628.38	12309.12	7481.6	1957.38	1616.16	518.24	534.66	140.84	339.6	270.78	1447.2	120.06	1642.32
19Jan2022	23.28	110.328	389.34	164.52	726.84	13187.521	7993.6	2168.268	2117.76	589.36	723.36	198	434.32	321.12	1467.28	162.08	1762.68
20Jan2022	27.8	126.024	395.76	190.89	896.22	15036.481	9537.6	2133.12	2069.84	603.76	763.26	212.2	437.8	323.31	1775.76	182.28	2051.04
21Jan2022	18.2	131.46	404.46	205.8	880.2	12402.72	7843.2	1839.816	1824.16	560.88	800.58	191.48	409.84	317.61	1543.68	155.78	1865.64
22Jan2022	18.64	124.524	404.85	197.73	865.2	12399.84	7776	1841.028	2023.12	603.04	834.84	211.24	415.72	268.05	1656.64	159.16	1799.16
23Jan2022	21.16	132.12	422.31	212.19	906.18	12562.561	8169.6	1950.108	1929.28	619.76	891	197.68	448.08	289.11	1704.16	159.34	1923.12
24Jan2022	24.4	119.52	366.24	167.01	833.1	14330.881	8729.6	2159.784	2045.44	604.64	764.94	204.68	442.08	320.1	1490.88	159.94	2069.64
25Jan2022	23.96	129.528	410.16	163.47	891.9	15400.801	9547.2	2307.648	2137.52	594.48	850.74	188.36	391.16	325.62	1789.76	179.24	2081.16
26Jan2022	22.06	123.564	341.52	167.19	816.24	12536.64	7760	1885.872	1686	562.4	613.92	169.08	379.12	299.94	1484.24	142.22	1795.68
27Jan2022	17.42	104.268	318.54	149.01	729.36	13082.401	8043.2	2017.98	1908.32	556.56	510.84	161.44	375.24	299.85	1668.32	150.56	1937.4
28Jan2022	14.04	112.476	333.15	155.34	776.34	12116.16	8371.2	1836.18	1752.64	552.16	596.76	148.84	369.52	301.71	1372.24	161.6	1818.96
29Jan2022	21.16	97.848	314.67	147.24	647.16	11544.48	7236.8	1627.716	1710	525.6	578.82	136.12	378.24	250.59	1436.88	136.94	1635
30Jan2022	18.2	109.488	359.13	154.23	810.54	11380.32	7256	1757.4	1761.84	524.24	596.7	178.48	358.88	261.66	1527.12	146.9	1671.36
31Jan2022	20.22	115.488	290.49	138.24	728.04	12509.281	7667.2	1780.428	1617.68	518.96	506.1	175.08	366.44	285.33	1411.12	128.06	1744.8
01Feb2022	25.2	121.5	390.63	166.41	853.26	13975.201	8465.6	2118.576	1907.12	533.52	487.68	192.64	364.36	302.52	1468.32	140.26	1832.52
02Feb2022	26.32	122.172	409.59	164.07	836.28	14981.761	9246.4	2179.176	2089.92	640.8	535.92	196	401.6	341.97	1544	177.4	1970.4
03Feb2022	55.44	128.556	409.2	175.29	867.3	14788.801	9188.8	2111.304	2109.04	653.36	510.84	202.36	422.92	318.09	1827.2	190.52	2132.04
04Feb2022	22.4	127.308	408.27	182.01	905.16	13259.521	8609.6	2101.608	2085.2	618.4	596.76	206.36	400.32	336.54	1699.76	182.26	2028.84
05Feb2022	18.4	125.664	373.44	183.15	831.06	11869.92	7342.4	1853.148	1800.96	550.96	578.82	170.88	365.48	241.77	1483.12	154.7	1842.72
06Feb2022	14.38	118.332	360.15	182.88	823.44	11616.48	7110.4	1818	1847.28	560.4	596.7	180.44	367.2	261.36	1555.76	140.62	1777.08
07Feb2022	17.54	117.612	277.44	129	684.66	13062.241	7923.2	1779.216	1744.8	530.8	506.1	143.68	346.28	270.78	1450.24	141.94	1756.08
08Feb2022	15.58	94.92	264.3	118.32	584.76	11518.56	7076.8	1672.56	1472.88	498.72	487.68	131.6	319.64	276.12	1289.28	111.8	1567.68
09Feb2022	18.78	98.076	292.35	125.52	624.24	12503.521	7371.2	1810.728	1776.32	514.48	535.92	141	379.96	302.85	1480.08	136.52	1702.32
10Feb2022	22.02	105.984	313.47	152.01	695.34	11424.96	7070.4	1704.072	1432.24	488.64	510.84	136.88	326.6	295.23	1335.36	125.42	1625.4
11Feb2022	53.42	112.284	371.25	197.88	892.62	12826.081	8201.6	2110.092	2052.08	586.4	596.76	185.76	406.96	314.49	1380.72	145.6	1948.2
12Feb2022	21.58	143.496	442.44	197.37	948.9	12818.881	8256	2055.552	1952.64	599.6	578.82	198.2	380.88	270.6	1703.52	172.94	1871.16
13Feb2022	52.28	132.72	432.81	198.36	942.54	12592.801	8344	2094.336	2042.56	586.16	596.7	201.28	444.24	273.3	1757.76	165.32	1905.12
14Feb2022	22.7	88.38	296.01	135.54	689.34	13566.241	8476.8	1911.324	1665.76	581.6	506.1	169.52	373.8	290.31	1650.72	164.82	1969.44
15Feb2022	16.46	98.64	326.73	141.69	740.22	12574.081	7873.6	1816.788	1635.04	535.52	487.68	177.08	322.76	290.49	1394.96	137.9	1755.12
16Feb2022	14.14	100.788	285.96	128.52	655.5	13458.241	8248	1968.288	1842.08	548	535.92	167.56	354.72	308.67	1546.96	147.38	1865.28
17Feb2022	25.9	128.088	356.43	163.41	760.8	13747.681	8776	2072.52	1960.08	585.68	510.84	173.04	375.12	302.88	1709.36	158.26	2013.84
18Feb2022	22.34	122.7	393.57	189.42	824.1	13055.041	8403.2	2190.084	2089.04	583.2	596.76	192.4	407.08	304.14	1397.6	168.12	1829.16
19Feb2022	21.42	123.468	390.21	192.15	839.04	11901.6	7481.6	1832.544	1679.92	511.12	578.82	191.08	356.6	252.99	1515.6	147.96	1664.04
20Feb2022	17.14	98.508	303.15	131.49	663.3	10123.2	6337.6	1596.204	1520.48	515.52	596.7	149.96	305.76	223.53	1436.96	133.8	1597.2
21Feb2022	37.08	133.716	414.48	210.87	879	13160.161	8073.6	2139.18	2789.2	640.08	506.1	217.92	457.6	305.1	1763.76	180.2	2045.04
22Feb2022	53.7	131.34	399.24	194.31	965.04	14436.001	8926.4	2233.716	2742.88	679.52	487.68	223.48	457.84	334.5	1693.2	186.56	2135.04
23Feb2022	23.98	128.016	358.62	162.75	801.18	14698.081	9164.8	2137.968	2066.32	591.52	535.92	175.44	368.76	313.71	1786.48	181.62	1935.48
24Feb2022	19.74	129.828	340.59	157.26	725.94	14065.921	8800	2087.064	1808.08	544.48	510.84	158.68	342.28	338.61	1698.8	159.94	1912.56
25Feb2022	26.72	123.12	339.63	140.73	758.7	12453.12	8347.2	2191.296	1932.56	583.12	596.76	160.44	348.84	298.71	1602.96	164.12	1887.6
26Feb2022	13.9	101.604	310.17	135.69	663.96	10693.44	6788.8	1830.12	1542.72	466.72	578.82	141.76	304.64	245.31	1342.8	139.72	1536.36
27Feb2022	16.1	94.416	281.31	128.91	663.66	10249.92	6486.4	1808.304	1582.8	495.36	596.7	138.92	297.6	231.57	1346.08	113.64	1508.64
28Feb2022	17.66	87.456	242.4	123.99	540.78	11388.96	7292.8	1910.112	1686.72	454	506.1	126.64	264.16	253.35	1310.48	118.92	1655.04
01Mar2022	18.9	91.416	212.04	104.07	511.68	11280.96	7096	1905.264	1686.16	504.24	487.68	130.64	313.8	261.33	1423.12	115.64	1725
02Mar2022	16.04	94.98	241.11	114.45	557.94	11351.52	7294.4	2016.768	1551.6	487.2	535.92	144	323.48	276.63	1424.48	139.92	1647.96
03Mar2022	21.8	99.552	283.38	132.09	620.88	11907.36	7576	2016.768	1800.16	483.44	510.84	163.88	347.56	290.61	1563.36	155.8	1794
04Mar2022	15.12	101.364	298.02	150.09	649.32	10540.8	6952	1929.504	1708.48	465.44	596.76	146.52	307.4	271.38	1375.76	145.54	1675.92
05Mar2022	14.42	95.844	246.18	135.06	571.68	9784.8	6449.6	1754.976	1535.12	439.36	578.82	139.6	266.52	245.04	1102.8	126.2	1411.32

[PROTECTED DATA BEGINS…

Day	FANNY RURAL	FARWELL	FERGUS FALLS AURDAL RURAL	FERGUS FALLS DAYTON HOLLOW	FERGUS FALLS DIV. RURAL	FERGUS FALLS EDGETOWN	FERGUS FALLS NE	FERGUS FALLS SE	FERTILE	FISHER	FORADA MAPLE LAKE	FOXHOME	GARY	GREEN VALLEY	GREENBUSH	GULLY	HALLOCK NW
06Mar2022	17.16	89.232	297.12	157.74	701.94	10033.92	6644.8	1959.804	1599.36	478.32	596.7	161.56	306.76	247.92	1306.88	127.16	1474.08
07Mar2022	22.32	85.332	262.92	125.22	685.92	11844	7444.8	1986.468	1684.72	470.16	506.1	133.76	347.6	263.28	1117.68	135.9	1641.36
08Mar2022	14	80.052	270.18	104.1	587.46	12024	7708.8	2074.944	1675.04	466.56	487.68	148.12	330.28	277.53	1334.08	135.14	1657.2
09Mar2022	19.86	86.076	291.6	119.79	682.62	12532.321	8163.2	2119.788	1748.72	458.72	535.92	149.6	345.48	303.84	1505.44	148.36	1708.2
10Mar2022	18.06	93.564	291.15	128.07	656.4	12052.8	8022.4	2100.396	1833.92	519.2	510.84	144.16	359.04	281.16	1575.44	159.82	1764.84
11Mar2022	17.08	93.612	360.99	162.12	818.1	12633.121	8700.8	2287.044	2047.04	547.44	596.76	173.76	388.32	320.1	1695.84	174.14	1777.08
12Mar2022	21.28	95.844	335.46	162.15	704.46	10820.16	7046.4	1910.112	1621.04	517.2	578.82	173.92	317.68	235.5	1384.56	150.22	1678.32
13Mar2022	13.96	89.232	281.55	116.34	542.94	9852.48	6329.6	1645.896	1509.52	450.32	596.7	137.08	278.64	240.45	1332.32	112.48	1474.32
14Mar2022	15.28	85.332	217.14	96.99	530.4	10902.24	6710.4	1780.428	1686.4	423.2	506.1	127.92	283.08	265.44	1103.44	112.14	1540.68
15Mar2022	15.88	80.052	189.69	75.51	493.92	10293.12	6323.2	1655.592	1606.96	445.76	487.68	120	275.04	220.14	1133.12	105.94	1510.44
16Mar2022	12.1	86.076	184.68	84.27	454.98	9673.92	6105.6	1574.388	1426.8	359.28	535.92	96.12	225.08	234.66	1088.4	88.46	1386.24
17Mar2022	14.46	93.564	186.54	86.52	464.04	9400.32	5836.8	1644.684	1540.08	427.92	510.84	101.28	263.72	240.12	1070.24	94.62	1369.56
18Mar2022	12.44	93.612	199.23	99.33	487.08	8565.12	5736	1409.556	1564.48	384.96	596.76	106.28	228.4	235.68	1040.8	84.78	1362.6
19Mar2022	9.94	95.844	198.96	85.86	451.38	8184.96	4947.2	1454.4	1092.72	339.04	578.82	100.32	207.6	186.33	947.52	84.3	1148.4
20Mar2022	11.76	89.232	207.72	88.02	500.28	8030.88	5000	1484.7	1055.68	369.68	596.7	96.08	210.84	177.18	933.44	74.02	1174.68
21Mar2022	13.38	85.332	173.64	85.71	422.16	9295.2	5534.4	1496.82	1160.72	371.68	506.1	101.2	221.84	229.95	977.84	81.42	1328.28
22Mar2022	14.22	80.052	225.24	107.1	563.28	9940.32	6129.6	1616.808	1231.2	387.84	487.68	118.88	228.6	264.33	1018.08	91.2	1338.84
23Mar2022	11.08	86.076	246.45	124.26	600.54	10280.16	6246.4	1771.944	1331.92	439.28	535.92	142.24	287.88	274.35	1120.88	97.92	1382.88
24Mar2022	10.72	93.564	173.67	78.63	470.4	9182.88	5932.8	1521.06	1143.12	350.64	510.84	92.04	243.48	220.2	983.84	83.42	1307.04
25Mar2022	14.42	93.612	257.07	105.66	566.16	10032.48	6499.2	1673.772	1432.32	450.48	596.76	130.68	297.36	228.54	975.76	94.66	1498.44
26Mar2022	16.42	95.844	303.45	129.99	614.82	10391.04	6548.8	1801.032	1537.76	457.12	578.82	145.76	322.68	209.97	1046.4	120.54	1519.08
27Mar2022	14.62	89.232	264.09	122.31	588.96	9738.72	6265.6	1656.804	1379.6	445.12	596.7	112.6	269.56	187.2	1006.32	102.32	1373.76
28Mar2022	16.56	85.332	247.08	118.83	559.38	10707.84	6680	1784.064	1159.44	444.56	506.1	121.16	279.52	252.72	1089.04	104.2	1412.52
29Mar2022	12.5	80.052	236.46	115.29	533.16	10192.32	6371.2	1739.22	1166.24	423.52	487.68	119.24	263.12	275.4	1109.52	94.74	1318.56
30Mar2022	16.12	73.404	278.52	136.68	594.12	10742.4	6908.8	1890.72	1151.52	491.28	535.92	122.44	312.64	263.07	1192.96	98.98	1466.76
31Mar2022	13.98	72.132	228.66	98.76	494.94	10274.4	6612.8	1671.348	1125.36	402.08	510.84	119.44	243.2	269.58	1046.8	98.12	1265.4
01Apr2022	12.02	65.172	230.22	129.48	516.6	8684.64	6168	1471.368	1276.64	378.32	610.32	120.08	247.2	258.36	926.08	89.92	1129.32
02Apr2022	14.78	58.692	244.2	110.88	523.8	8678.88	5648	1468.944	1068.72	380.48	591.96	103.12	249.24	179.01	1027.76	90.78	1189.56
03Apr2022	11.72	65.256	276.99	119.82	536.7	8641.44	5811.2	1545.3	1038.8	422.88	610.26	126.56	263.16	191.19	1060.08	88.8	1229.16
04Apr2022	12.48	56.16	193.62	93.03	458.46	9535.68	6086.4	1504.092	1159.44	391.6	517.62	110.88	245.36	237.57	990.08	83.94	1209.12
05Apr2022	12.28	75.588	237.21	94.98	562.2	9940.32	6124.8	1569.54	1166.24	435.6	498.78	120.08	296.04	236.1	1117.6	90.14	1308.48
06Apr2022	13.74	73.164	267.15	143.67	623.58	10990.08	6832	1810.728	1151.52	474.32	548.1	136.76	296.56	258.6	1193.12	104.4	1430.4
07Apr2022	13.74	75.708	247.83	148.8	558.96	10431.36	6734.4	1682.256	1125.36	444.24	522.42	146.64	288.76	261.51	1084	100.2	1303.32
08Apr2022	9.96	61.488	198.57	102.63	438.96	8648.64	5961.6	1395.012	1276.64	382	610.32	107.2	227.64	227.49	954.32	84.62	1094.28
09Apr2022	12.1	61.08	197.94	91.53	470.7	8015.04	5348.8	1374.408	1068.72	361.44	591.96	94.2	235.32	196.62	957.44	76.54	1111.08
10Apr2022	11.56	64.116	229.26	109.65	412.14	6894.72	4926.4	1244.724	1038.8	320.24	610.26	108.08	218.04	183.69	879.6	75.88	1048.92
11Apr2022	14.6	60.96	210.39	91.56	447.18	9619.2	5905.6	1466.52	1159.44	346.88	517.62	101.88	248.24	187.74	907.84	87.52	1147.56
12Apr2022	17.86	68.376	274.5	128.07	583.26	9862.56	6313.6	1590.144	1166.24	475.84	498.78	124.44	300.16	233.07	1095.84	105	1398.96
13Apr2022	14.56	59.484	270.78	130.5	532.08	10195.2	6380.8	1764.672	1151.52	426.64	548.1	135.56	305.08	254.55	1140.16	107.76	1331.64
14Apr2022	14.18	82.56	303.57	156.75	623.1	11099.52	6907.2	1864.056	1125.36	470.96	522.42	127.52	302.68	290.04	1174.64	101.06	1441.08
15Apr2022	11.94	87.696	307.83	121.47	692.28	10355.04	6764.8	1712.556	1276.64	461.44	610.32	137.12	293.24	245.88	1220	132.08	1383.36
16Apr2022	14.12	73.056	270.63	103.14	553.32	9187.2	5844.8	1579.236	1068.72	387.2	591.96	113.8	272.36	214.74	1125.76	112.74	1239.6
17Apr2022	15.06	88.344	287.4	125.16	562.44	8821.44	6040	1654.38	1038.8	436.72	610.26	147.84	267.88	205.29	1089.28	87.1	1292.88
18Apr2022	14.94	85.416	275.88	102.06	561.78	10648.8	6657.6	1713.768	1159.44	409.44	517.62	117.6	282.48	244.89	1100.4	98.14	1271.64
19Apr2022	12.86	80.592	245.7	105.63	534.66	10441.44	6459.2	1687.104	1166.24	418.88	498.78	133.56	283.32	257.43	1120.56	92.66	1287.36
20Apr2022	14.04	84.564	232.02	96.81	469.5	9460.8	6076.8	1481.064	1151.52	384.8	548.1	114.8	256.16	224.88	957.68	95	1069.32
21Apr2022	11.68	52.104	201.78	83.22	426.72	9684	6016	1530.756	1125.36	373.6	522.42	104.12	254.12	219.72	1007.2	90.3	1219.56
22Apr2022	14.66	73.176	249.66	113.97	498.9	8582.4	5832	1541.664	1276.64	437.12	610.32	115.32	293.44	232.59	825.04	93.06	1315.32
23Apr2022	12.84	47.34	163.5	72	373.56	7346.88	4812.8	1345.32	1068.72	370.24	591.96	78.88	203.64	177.36	792.88	83.74	1201.2
24Apr2022	15.32	65.028	233.73	104.49	457.26	7188.48	4561.6	1384.104	1038.8	350.16	610.26	109.48	219.52	190.29	705.04	84.02	1167.36
25Apr2022	13.82	79.08	296.82	157.11	570.42	10141.92	6515.2	1706.496	1159.44	473.68	517.62	144.48	296.4	244.41	1141.68	98.68	1339.44
26Apr2022	16.34	72.672	229.2	88.26	510.3	10019.52	6355.2	1609.536	1166.24	402	498.78	122.28	257.56	219	934.08	93.1	1179.36
27Apr2022	12.46	76.26	200.73	73.29	470.52	9577.44	5958.4	1479.852	1151.52	394.72	548.1	93.48	238	236.55	822.48	86.1	1116.72
28Apr2022	17.36	69.468	175.92	68.49	413.52	9047.52	5747.2	1465.308	1125.36	366.32	522.42	93.8	217.48	218.67	835.36	77.6	1174.8
29Apr2022	12.68	57.84	234.18	103.14	510.6	8160.48	5246.4	1426.524	1276.64	396.16	610.32	106.28	261.28	229.08	834.32	87.88	1222.56
30Apr2022	13.72	72.24	223.14	105.87	452.94	7596	5033.6	1322.292	1068.72	374.56	591.96	96.36	235.8	192.3	769.68	78.42	1186.08
01May2022	13.94	71.208	251.85	119.91	517.98	7428.96	4913.6	1391.376	1038.8	365.28	610.26	113.52	274.92	189.96	731.2	78.3	1151.04
02May2022	15.84	71.22	212.37	83.01	439.86	9313.92	5976	1479.852	1159.44	446.96	517.62	110.72	266.8	235.2	868.08	90.44	1184.52
03May2022	13.36	70.476	172.92	70.2	372.54	8771.04	5556.8	1355.016	1166.24	364.72	498.78	87.64	228.24	214.56	750.48	78.98	1053.6
04May2022	11.32	57.204	177.18	73.05	399.96	8989.92	5612.8	1437.432	1151.52	337.6	548.1	93.8	194.56	228.45	713.92	72.64	1031.64
05May2022	12.96	61.92	168.84	60.9	357.9	8742.24	5366.4	1276.236	1125.36	332.8	522.42	86.84	176.4	200.73	648.48	62.22	957.72
06May2022	10.46	37.968	157.77	59.25	349.38	7682.4	5025.6	1275.024	1276.64	316.72	610.32	86.16	172.64	205.77	595.84	65.98	939.36
07May2022	10.82	38.448	171.63	58.17	300.66	6357.6	4252.8	1092.012	1068.72	257.28	591.96	83.44	157.6	150.72	533.04	61.82	824.52
08May2022	10.74	43.68	189.06	67.95	318.54	5847.84	4054.4	1123.524	1038.8	253.44	610.26	95.64	151.32	154.53	517.68	61.08	857.16

[PROTECTED DATA BEGINS…

Day	FANNY RURAL	FARWELL	FERGUS FALLS AURDAL RURAL	FERGUS FALLS DAYTON HOLLOW	FERGUS FALLS DIV. RURAL	FERGUS FALLS EDGETOWN	FERGUS FALLS NE	FERGUS FALLS SE	FERTILE	FISHER	FORADA MAPLE LAKE	FOXHOME	GARY	GREEN VALLEY	GREENBUSH	GULLY	HALLOCK NW
09May2022	12.28	39.888	173.52	58.83	350.28	8524.8	5545.6	1425.312	1159.44	355.6	517.62	90.84	199.72	221.52	653.12	53.64	1056.6
10May2022	12.08	33.048	147.75	55.08	334.5	8604	5478.4	1404.708	1166.24	309.44	498.78	85.8	181.72	218.19	610.56	59.64	1010.28
11May2022	11.12	31.86	144.39	54.33	370.8	8272.8	5403.2	1397.436	1151.52	306.08	548.1	89.72	173.4	211.17	683.84	57	1009.92
12May2022	11.6	0	156.21	21.87	0	8627.04	5620.8	1378.044	1125.36	312.4	522.42	0	168.04	215.34	680.56	63.86	1056.12
13May2022	13	0	167.49	66.48	378.54	8046.72	5280	1313.808	1276.64	324.88	610.32	93.52	165.2	226.14	634.32	0	969.6
14May2022	13.86	33.18	155.52	66	377.88	6095.52	4569.6	1113.828	1068.72	263.76	591.96	90.84	156.88	183.3	578.24	54.28	897.84
15May2022	12.98	36.096	178.95	66.24	359.58	5706.72	3948.8	1117.464	1038.8	280.96	610.26	104.92	153.04	168.87	618.32	55.64	880.08
16May2022	14.38	33.204	160.02	57.48	329.52	8183.52	5356.8	1385.316	1159.44	314.48	517.62	107.56	150.88	204.39	667.68	62.2	1031.28
17May2022	13.84	30.276	145.26	66.54	338.4	8385.12	5344	1433.796	1166.24	321.84	498.78	113.28	162	219.3	649.44	62.12	1066.32
18May2022	12.42	28.752	169.23	61.23	333.12	8428.32	5470.4	1356.228	1151.52	320.72	548.1	91.76	146.72	176.01	572.08	62.22	1084.2
19May2022	11.98	28.74	170.28	76.71	382.74	8246.88	5316.8	1395.012	1125.36	308.8	522.42	87.52	163.84	214.86	692.64	64.76	1075.56
20May2022	10.86	36.072	191.52	79.29	414.42	7757.28	5312	1432.584	1276.64	360.56	610.32	108.52	197.28	190.59	691.52	68.24	1070.4
21May2022	11.42	47.88	220.41	79.95	426.42	6953.76	4784	1316.232	1068.72	327.84	591.96	104.08	201.84	159.6	711.04	75.1	991.44
22May2022	10.14	40.296	212.97	68.19	394.2	6468.48	4520	1197.456	1038.8	318	610.26	104.28	173.76	153.36	635.28	59.1	948
23May2022	9.42	31.92	151.38	68.58	337.14	8604	5414.4	1433.796	1159.44	295.36	517.62	97.72	165.4	191.13	656.56	63.82	1010.28
24May2022	10.94	29.112	156.27	62.16	317.4	8366.4	5496	1573.176	1166.24	297.76	498.78	102.24	150.6	206.34	620.72	65.3	1044.84
25May2022	10.64	33.264	167.22	66.54	369.72	8373.6	5230.4	1548.936	1151.52	273.92	548.1	108.32	168.12	209.91	590	110.02	1027.56
26May2022	9	33.24	172.5	63.24	321.06	8615.52	5225.6	1350.168	1125.36	304	522.42	98.16	141.8	195.51	608.64	111.3	998.52
27May2022	10.18	31.488	163.17	66.63	336.18	7971.84	5328	1420.464	1276.64	313.6	610.32	100.24	158.76	205.47	570.56	117.16	1007.52
28May2022	12.86	36.912	159.84	67.86	288.72	6456.96	4145.6	1073.832	1068.72	229.2	338.82	82.8	133.92	159.24	473.76	102.72	871.56
29May2022	11.04	37.992	163.77	73.74	288.72	6680.16	4164.8	1124.736	1038.8	232.96	374.88	84.48	135.4	158.13	451.2	0	853.92
30May2022	15.22	34.512	73.86	38.49	0	6825.6	4504	1111.404	1159.44	268.64	0	40.2	136.36	116.94	462.08	61.14	984.24
31May2022	15.08	32.7	188.7	73.59	363.36	7833.6	5193.6	1404.708	1166.24	282.32	328.92	82.8	0	194.73	528	57.56	1013.52
01Jun2022	13.44	32.136	166.83	63.84	360.72	8045.28	5388.8	1475.004	1151.52	286.32	300.48	57.36	166.04	187.17	591.12	57.48	1023.84
02Jun2022	13.76	35.184	162.78	56.13	365.34	7974.72	5276.8	1424.1	1125.36	297.04	291.18	82.52	162.24	187.41	594.16	62	997.56
03Jun2022	10.7	36.12	177	64.11	348.3	7266.24	5112	1290.78	950.56	292.4	322.74	96.76	140.8	178.95	571.12	59.08	922.92
04Jun2022	10.12	33.072	174.48	61.83	288.3	5751.36	4297.6	1153.824	765.12	265.44	310.5	74.16	130.36	134.52	569.52	59.06	869.28
05Jun2022	11.44	32.376	150.96	59.46	277.2	5489.28	3921.6	1039.896	746.56	232.16	270	67.08	129.64	143.16	531.2	50.42	823.92
06Jun2022	11.64	35.124	165.42	67.77	361.14	7922.88	5086.4	1485.912	932.16	278	357.54	77.12	157.72	184.77	589.12	58	1017.96
07Jun2022	9.54	34.2	169.8	65.58	379.68	8076.96	5331.2	1437.432	926.56	290.24	361.92	97	150.24	160.77	572	58.2	989.88
08Jun2022	9.88	32.904	155.88	67.8	349.92	8029.44	5193.6	1544.088	937.84	299.12	351.12	75.96	142.6	187.23	589.76	56.34	1017.24
09Jun2022	10.08	38.688	174.57	63.03	336.18	8020.8	5240	1479.852	882.48	293.68	350.04	88.04	154.08	177	559.36	57.42	993.72
10Jun2022	9.92	31.812	166.35	74.19	304.62	8148.96	5377.6	1524.696	894.56	279.2	330.36	82.44	154.76	206.01	534.72	55.54	1028.04
11Jun2022	7.64	36.9	161.07	73.5	282.36	6626.88	4811.2	1185.336	791.44	239.92	333.54	69.44	129.68	157.74	555.76	59.3	897.84
12Jun2022	9.56	32.004	165.24	65.67	276	6693.12	4252.8	1130.796	699.04	221.92	340.92	85.64	116.48	139.02	456.08	53.76	882
13Jun2022	8.24	40.032	186.84	90.03	393.9	10337.76	6433.6	1843.452	1016.72	306.8	429.9	130	165.52	221.07	549.44	63.26	1137.96
14Jun2022	11.02	44.988	181.38	102.27	432.18	10742.4	6865.6	1866.48	1031.76	338.96	409.14	128.16	168.76	248.79	556.16	66.02	1259.76
15Jun2022	14.04	43.668	184.05	81.81	429.78	9571.68	6240	1711.344	774.72	295.76	394.44	101.12	153.2	236.19	527.36	57.76	1115.64
16Jun2022	10.94	37.728	169.92	69.12	401.16	9069.12	5961.6	1621.656	859.84	301.52	375.18	83.68	130.6	190.68	609.2	59.54	1041.24
17Jun2022	11.02	39.168	167.4	81.3	355.32	8484.48	5568	1579.236	836.4	286.16	0	77.32	138.12	176.16	536.4	58.94	1035.48
18Jun2022	10.36	41.364	161.34	66.33	446.46	7346.88	4676.8	1266.54	787.28	250	337.02	79.56	135.64	153	477.04	70.18	889.92
19Jun2022	9.12	55.128	215.43	90.06	497.58	8399.52	5185.6	1501.668	876.32	306.72	397.26	106.96	189.6	181.32	526.24	65.34	1041.72
20Jun2022	0	73.704	277.08	124.05	633.9	13001.761	7385.6	2203.416	1286.24	364.8	545.28	139.68	222.44	264.66	747.92	49.54	1517.76
21Jun2022	3.7	52.716	191.16	83.88	370.8	10743.84	6244.8	1844.664	1082.8	339.76	416.04	101.48	178.36	231.87	601.84	72.46	1191.12
22Jun2022	4.74	45.948	191.25	81.12	338.34	9416.16	5528	1723.464	899.52	294.4	394.74	83.64	165.12	193.89	531.44	66.16	1053.96
23Jun2022	4.7	48.096	183.99	86.04	442.38	10270.08	6291.2	1802.244	995.44	318.72	399.6	113.16	144.76	220.65	544.24	67.08	1159.56
24Jun2022	4.32	58.704	211.17	93.6	376.98	11373.12	6825.6	2050.704	1118.64	352.64	447.66	119.88	184.68	230.7	600	73.98	1195.08
25Jun2022	7.1	49.992	173.13	78.12	299.04	8010.72	0	1488.336	811.44	260.72	359.58	92.2	136.92	211.29	493.36	65.96	914.76
26Jun2022	6.22	39.024	150.6	67.74	282.54	5823.36	3878.4	1107.768	590.88	220.56	338.16	73.8	118.96	157.05	467.52	54.72	774.6
27Jun2022	6.2	36.396	158.34	73.59	322.56	8190.72	5238.4	1558.632	811.92	284	372.42	99.52	136.36	182.22	552.72	60.92	982.08
28Jun2022	4.22	40.548	149.04	79.17	333.3	9616.32	5728	1616.808	884.72	295.76	358.2	98.72	140.88	241.92	526.72	61.32	1015.32
29Jun2022	4.08	40.044	172.95	66.96	457.98	9198.72	5652.8	1528.332	854.64	273.76	381.78	89.44	131.8	224.7	577.04	102.4	984.24
30Jun2022	5.46	56.412	177.93	80.52	474.72	10441.44	6254.4	1678.62	980.48	328.64	447.66	107.12	150.68	246.75	538.48	99.62	1082.88
01Jul2022	3.18	39.216	164.94	77.34	466.02	8575.2	5329.6	1607.112	842.96	277.84	394.32	91.12	138.76	211.2	551.44	103.22	922.32
02Jul2022	2.62	41.148	172.41	63	403.26	7002.72	4414.4	1198.668	704	225.36	355.68	93.8	105.16	157.08	474.48	108.28	782.64
03Jul2022	2.46	40.656	185.97	60.48	373.08	6927.84	4342.4	1264.116	676.8	243.12	368.58	75.72	112.48	151.5	456.24	100.08	780.36
04Jul2022	2.48	45.708	208.41	78.21	320.52	7898.4	5115.2	1291.992	1003.2	262.24	400.38	87.04	130.4	184.56	484.48	105.98	1021.56
05Jul2022	3	55.512	183.99	83.82	365.46	9871.2	6017.6	1753.764	1031.76	304.8	431.64	114.08	150.04	236.4	518.08	118.48	1117.68
06Jul2022	3.12	47.496	188.34	82.41	446.88	9514.08	5990.4	1677.408	1080.32	301.44	392.16	83.56	154.6	221.19	522.8	113.88	1187.88
07Jul2022	3.08	44.244	195.21	89.76	478.8	10503.36	6288	1750.128	1256.72	319.52	405.42	107.4	208.88	245.67	553.36	111.46	1200.84
08Jul2022	2.98	43.812	190.86	77.91	486.96	9452.16	6016	1643.472	1063.6	269.68	344.52	111.04	161.36	251.43	524.64	108.2	1027.56
09Jul2022	2.6	48.996	173.19	74.79	439.08	7951.68	5262.4	1307.748	979.28	259.84	308.58	106.96	133.24	190.71	494.08	98.66	996.84
10Jul2022	2.54	54.252	216.09	85.11	474.24	8452.8	5278.4	1445.916	1071.44	307.28	321.78	114.72	156.04	191.79	541.36	103.38	1100.04
11Jul2022	3.7	45.612	199.38	86.28	480.96	10228.32	6400	1797.396	1166.08	316.48	389.34	119.68	185.96	247.29	552.32	104.26	1207.2

[PROTECTED DATA BEGINS…

Day	FANNY RURAL	FARWELL	FERGUS FALLS AURDAL RURAL	FERGUS FALLS DAYTON HOLLOW	FERGUS FALLS DIV. RURAL	FERGUS FALLS EDGETOWN	FERGUS FALLS NE	FERGUS FALLS SE	FERTILE	FISHER	FORADA MAPLE LAKE	FOXHOME	GARY	GREEN VALLEY	GREENBUSH	GULLY	HALLOCK NW
12Jul2022	2.88	39.84	169.53	81.6	465.66	9460.8	5883.2	1642.26	963.52	316.24	352.26	100.8	148.92	200.01	518.8	103.54	1106.88
13Jul2022	3.38	40.368	170.67	77.85	457.32	9072	5961.6	1687.104	966.4	289.6	346.38	79.56	139.88	206.28	531.36	105.46	1115.04
14Jul2022	2.94	36.444	174.45	86.25	500.1	9535.68	6065.6	1677.408	1022.16	317.6	350.16	106.96	166.32	233.97	548.4	110.14	1162.92
15Jul2022	3.22	48.456	175.8	82.74	481.92	10117.44	6561.6	1820.424	951.12	291.04	344.52	116.64	157.32	259.95	513.12	118.52	1063.32
16Jul2022	3.18	50.604	215.01	90.09	452.46	8976.96	5657.6	1450.764	909.28	281.84	308.58	111.8	147.28	186.36	566.4	114.08	1059
17Jul2022	4.86	39.588	172.62	65.19	301.92	7356.96	4676.8	1287.144	782.16	265.28	321.78	87.2	136.8	158.07	506.56	99.3	993
18Jul2022	3.52	60.348	235.59	104.73	466.5	11540.16	6921.6	1944.048	1259.6	409.28	389.34	109.36	195.4	230.49	696.88	115.02	1457.16
19Jul2022	2.84	62.028	230.73	111.18	556.44	11289.6	6864	2041.008	1139.28	420	352.26	135.88	197.12	295.95	688.4	119.58	1248.84
20Jul2022	2.86	49.092	196.38	86.49	478.8	10332	6356.8	1839.816	941.44	341.52	346.38	105.52	172.12	224.7	524.72	114.16	1178.4
21Jul2022	3.12	45.66	187.95	86.04	443.34	9951.84	6176	1734.372	962	327.36	350.16	100.52	152.52	219.18	531.76	107.58	1091.88
22Jul2022	2.7	43.284	192.36	83.31	512.16	9741.6	5790.4	1827.696	959.76	312.96	344.52	91.56	132.8	213.69	535.92	110.18	1104.24
23Jul2022	3.04	45.456	195.81	69.45	484.74	8399.52	5238.4	1499.244	822.8	0	308.58	102.56	135.8	177.78	488.56	103.26	949.92
24Jul2022	3.22	35.1	166.59	68.4	429.18	6724.8	4275.2	1245.936	650.8	230.16	321.78	75.84	115.76	160.53	448.48	101.42	841.8
25Jul2022	3.04	38.052	159.06	68.31	460.38	8326.08	5228.8	1578.024	814.88	278.32	389.34	87.52	132.68	188.16	503.36	97.78	996.84
26Jul2022	3.68	40.56	156.81	74.52	409.56	9466.56	5814.4	1557.42	1017.36	295.44	352.26	89.08	146	208.89	506.72	102.72	1147.8
27Jul2022	3.2	38.88	153	73.23	460.68	8942.4	5366.4	1651.956	892.8	293.36	346.38	91.36	137.08	202.14	511.84	81.88	1057.2
28Jul2022	2.78	35.832	157.71	66.72	410.94	8413.92	5318.4	1554.996	817.2	279.84	350.16	85.08	133.36	194.28	520	75.92	985.92
29Jul2022	2.96	35.196	154.17	67.83	456.42	7784.64	5099.2	1444.704	926.48	257.12	344.52	82	127.96	200.31	489.6	70.14	992.16
30Jul2022	4.36	38.484	158.37	59.04	368.16	6562.08	4785.6	1108.98	740.8	229.44	308.58	75.04	117.28	152.79	457.04	72.8	863.28
31Jul2022	2.54	41.964	177.84	65.19	418.68	7043.04	4547.2	1305.324	830.32	283.68	321.78	84.24	134	161.37	506.48	63.98	988.32
01Aug2022	4.22	39.708	173.88	76.56	360.6	8474.4	5459.2	1580.448	865.52	284.56	389.34	79	144.8	192.06	500	54.54	968.64
02Aug2022	2.92	40.752	191.01	83.46	510.3	9488.16	5952	1619.232	986	314.64	352.26	98.32	153.24	223.86	499.44	60.36	1110.6
03Aug2022	4.18	40.752	205.53	79.26	468.3	10105.92	6364.8	1679.832	998.88	323.12	346.38	107.28	155.16	224.22	532.4	62.54	1148.76
04Aug2022	3.82	40.752	168.6	69.27	483.54	8665.92	5504	1513.788	879.44	311.52	350.16	83.04	133.76	195.69	497.84	62.14	1018.2
05Aug2022	2.8	40.752	191.97	72.39	484.02	9705.6	6376	1698.012	1061.12	320.32	344.52	106	161.4	239.49	581.52	68.8	1190.4
06Aug2022	2.34	40.752	198.42	77.07	466.68	8049.6	5164.8	1317.444	874	275.92	308.58	87.88	137.76	206.46	466.4	59.74	878.04
07Aug2022	2.72	40.752	147.87	65.07	410.34	6154.56	4158.4	1108.98	651.68	221.6	321.78	78.6	117.04	166.74	429.52	52.06	795.84
08Aug2022	2.52	40.752	165.09	70.23	451.56	7830.72	5072	1501.668	797.36	271.12	389.34	75.84	145	200.58	518.48	63.56	952.2
09Aug2022	2.52	39.912	171.51	79.59	425.1	8599.68	5598.4	1604.688	986.56	368.16	352.26	92.72	136.6	212.49	517.12	66.44	1074.48
10Aug2022	2.58	37.788	182.01	81.18	511.5	9852.48	6072	1587.72	924.72	356.56	346.38	103.32	140.68	213.99	507.12	79.22	1043.04
11Aug2022	2.92	36.3	177.15	75.87	482.28	9496.8	5892.8	1740.432	890.88	359.2	350.16	90.12	149.52	242.1	512.8	74.24	979.08
12Aug2022	2.42	38.136	167.16	77.88	388.62	9011.52	5907.2	1754.976	994.16	361.04	344.52	90.96	148.64	239.58	543.04	73.5	1073.04
13Aug2022	2.24	41.748	175.86	64.23	449.82	7361.28	4758.4	1281.084	870.88	301.68	308.58	86.68	126	204.54	452.8	57.88	843.24
14Aug2022	2.3	35.58	167.91	69.78	389.1	6223.68	4156.8	1172.004	688.48	302.72	321.78	78.52	107.76	160.98	454.24	52.9	828.36
15Aug2022	4.74	34.488	180.99	75.42	453.12	8951.04	5769.6	1662.864	1009.12	406.32	389.34	85.52	148.24	213.12	559.76	59.6	1181.88
16Aug2022	3.68	32.388	164.22	76.29	371.1	9612	6262.4	1785.276	1127.6	398.96	352.26	98.04	149.76	235.29	582.56	59.48	1216.32
17Aug2022	3.36	37.512	173.55	81.45	348.9	9750.24	6076.8	1819.212	1058.96	402.8	346.38	98.96	148.2	227.88	582.08	61.3	1178.76
18Aug2022	3.34	35.4	195.84	79.23	459.84	10182.24	6292.8	1735.584	1092.96	492.88	350.16	107.2	156.72	253.65	577.52	55.32	1205.52
19Aug2022	2.58	36.192	177.48	70.65	341.4	8858.88	5891.2	1696.8	1052	462.4	344.52	92.72	142	220.23	541.04	52.98	1130.64
20Aug2022	2.74	36.516	147.06	71.16	303.48	7092	4574.4	1305.324	761.68	385.52	308.58	83.8	127.28	177.99	462.8	65.18	874.08
21Aug2022	3.62	29.652	158.28	67.17	294.9	6210.72	4081.6	1210.788	650.4	397.92	321.78	84.96	110.8	155.4	455.84	54.08	849.36
22Aug2022	9.22	34.86	176.91	70.74	359.52	8880.48	5473.6	1664.076	1053.76	470.4	389.34	87.68	151.24	206.82	613.44	55.98	1262.04
23Aug2022	9.78	38.28	174.39	76.14	490.08	9365.76	5862.4	1710.132	839.28	469.28	352.26	93.72	153.84	239.25	562.64	59.06	1263.12
24Aug2022	20.08	40.836	174	79.98	465.9	10383.84	6147.2	1782.852	1089.68	501.44	346.38	100	164.6	260.34	562.48	62.62	1230.6
25Aug2022	45.46	33.144	170.46	77.16	483.96	9190.08	5958.4	1660.44	898.64	479.68	350.16	85.32	134.44	246.54	538.8	56.36	1115.88
26Aug2022	51.9	32.544	153	77.19	430.14	8451.36	5396.8	1599.84	865.44	496.72	344.52	84.56	134.68	207.72	544.8	58.68	1126.92
27Aug2022	67.56	36.732	152.97	61.62	318.78	7110.72	4612.8	1248.36	827.36	412.16	308.58	85.4	121.76	187.38	491.84	56.62	971.52
28Aug2022	69.4	34.44	168.09	64.95	313.62	7192.8	4465.6	1251.996	797.76	412.96	321.78	84.88	129.24	178.23	484.96	62.98	1094.4
29Aug2022	45.7	34.188	173.01	76.92	468.24	8760.96	5499.2	1578.024	984	469.68	389.34	88.92	134.24	227.19	509.68	54.04	1054.2
30Aug2022	48.78	29.064	172.17	80.64	423.3	8503.2	5280	1576.812	894.48	476.72	352.26	87.4	137.36	222.24	513.12	72	1246.32
31Aug2022	89.98	30.624	163.77	67.86	416.16	8759.52	5537.6	1596.204	961.28	487.92	346.38	78.64	137.6	235.05	538.08	72.34	1357.68
01Sep2022	88.26	34.248	179.64	77.7	391.8	9256.32	5699.2	1685.892	967.6	522.96	350.16	94.8	157.56	230.61	543.52	78.18	1468.8
02Sep2022	110.18	42.96	206.55	76.17	486.96	9177.12	5444.8	1573.176	1063.68	528.4	344.52	108.72	165.04	273.78	567.68	73.54	1397.76
03Sep2022	66.48	33.492	153.66	62.46	351.12	6275.52	4177.6	1108.98	727.28	405.92	308.58	82.04	123.04	161.79	443.92	86.32	1135.32
04Sep2022	64.9	29.58	152.16	66.96	363.6	5987.52	3809.6	1105.344	635.52	372.24	321.78	81.92	118.6	140.67	426.24	97.46	1092.84
05Sep2022	69.32	34.044	151.59	64.26	298.92	6405.12	4315.2	1138.068	739.68	389.6	389.34	73.4	120.4	148.26	475.04	99.26	1222.08
06Sep2022	45.22	33.096	177.57	70.17	443.88	9205.92	5868.8	1796.184	979.84	506.16	352.26	99.88	144.4	219.6	574	120	1425.12
07Sep2022	40.4	34.944	179.58	81.6	435.9	9925.92	6176	1836.18	897.36	439.2	346.38	102	147.76	246.18	579.2	120.58	1403.64
08Sep2022	40.14	22.776	215.88	80.01	469.2	10782.72	6508.8	1761.036	1129.84	483.44	350.16	109.28	182.76	249.96	651.52	115.82	1439.52
09Sep2022	34.64	23.304	182.7	70.95	390.06	8475.84	5273.6	1392.588	920.72	429.68	344.52	88.4	148.92	222.03	609.44	113.64	1294.32
10Sep2022	75.94	23.22	148.5	60.33	301.5	6471.36	4014.4	1073.832	707.6	337.92	308.58	82.32	126.52	148.53	518.64	117.68	1254
11Sep2022	76.32	21.012	149.82	60.15	288.78	6062.4	3548.8	1125.948	615.28	319.44	321.78	81.16	110.4	137.91	535.36	131.36	1218.84
12Sep2022	30.84	20.94	164.79	53.79	378.06	8346.24	4977.6	1558.632	882.08	403.92	389.34	84.16	145.36	198.93	630.08	126.84	1388.76
13Sep2022	30.2	21.444	174.66	62.85	355.26	8532	5166.4	1516.212	886.08	384.96	352.26	82.44	149.96	213.9	622.64	129.4	1388.52

[PROTECTED DATA BEGINS…

Day	FANNY RURAL	FARWELL	FERGUS FALLS AURDAL RURAL	FERGUS FALLS DAYTON HOLLOW	FERGUS FALLS DIV. RURAL	FERGUS FALLS EDGETOWN	FERGUS FALLS NE	FERGUS FALLS SE	FERTILE	FISHER	FORADA MAPLE LAKE	FOXHOME	GARY	GREEN VALLEY	GREENBUSH	GULLY	HALLOCK NW
14Sep2022	26.98	22.764	167.07	69.78	357.42	9086.4	5515.2	1569.54	876.24	404.72	346.38	79.76	160.24	221.37	587.68	126	1451.16
15Sep2022	27.62	22.776	172.59	67.26	362.22	9910.08	5987.2	1648.32	1040.72	383.68	350.16	99.84	136.76	249.3	607.44	131.02	1070.76
16Sep2022	29.6	23.304	171.51	69.42	340.92	8412.48	5025.6	1430.16	960.4	366.56	344.52	100.16	153.48	229.92	594.96	116.88	1035.24
17Sep2022	35.72	23.22	152.16	69.21	291.18	6769.44	4209.6	1110.192	791.76	315.76	308.58	76.56	139.64	162.03	569.04	117.4	963.24
18Sep2022	20.56	21.012	149.43	59.31	269.46	6325.92	3828.8	1135.644	681.68	284.8	321.78	82.4	116.24	149.22	525.2	116.98	896.88
19Sep2022	10.6	20.94	171.66	64.74	365.82	8655.84	5171.2	1576.812	1045.04	359.04	389.34	86	155.4	165.57	628.8	122.32	1385.64
20Sep2022	8.56	21.444	161.16	61.65	359.58	9504	5716.8	1531.968	974.08	382	352.26	92.56	167.88	207.99	604.16	115.36	1313.64
21Sep2022	9.98	22.764	158.52	58.62	362.94	8514.72	5209.6	1364.712	919.52	361.04	346.38	89.2	163.84	192.27	591.36	120.76	1280.64
22Sep2022	9.04	22.776	162.69	55.35	375.42	8621.28	5219.2	1342.896	973.68	338.64	350.16	85.96	153.28	192.75	653.12	126.76	1249.68
23Sep2022	8.36	23.304	182.13	71.79	372.72	7498.08	5028.8	1298.052	931.04	375.68	344.52	91.4	177.88	179.67	598.08	121.52	1266
24Sep2022	8.74	23.22	178.68	66.03	289.92	6422.4	3964.8	1188.972	770	308.32	308.58	83.56	145.52	140.25	550.48	121.52	1145.64
25Sep2022	8.24	21.012	184.74	66.96	291.24	5856.48	3800	1144.128	782.32	301.36	321.78	87.44	166.24	138.24	548.72	125.28	1155.24
26Sep2022	11.1	20.94	152.16	53.16	371.7	8147.52	5033.6	1428.948	973.6	350.64	389.34	79.2	179.12	160.23	610.56	123.72	1327.56
27Sep2022	10.72	21.444	154.8	48.9	346.86	8195.04	5275.2	1431.372	1008.8	360.08	352.26	93.48	181.2	185.97	670	132.14	1362.24
28Sep2022	13.84	22.764	143.31	53.7	337.56	8421.12	5320	1427.736	1005.2	367.6	346.38	85.36	185.4	182.28	681.2	134.3	1351.68
29Sep2022	8.14	22.776	153.3	58.41	342.84	8438.4	5320	1382.892	940.16	359.28	350.16	92.36	181.4	195.39	644.08	137.58	1324.08
30Sep2022	8.4	23.304	168.27	59.94	344.7	7752.96	4761.6	1341.684	969.36	369.44	344.52	97.72	170.44	189.24	610.4	127.68	1352.4
01Oct2022	8.88	23.22	150.33	64.56	263.22	6389.28	4057.6	1141.704	806.4	294.96	308.58	88.68	133	151.71	573.68	151.64	1215
02Oct2022	10.62	21.012	170.88	65.58	294.3	6292.8	3859.2	1100.496	796.32	298.48	321.78	79.08	118.4	140.76	511.84	141.44	1181.04
03Oct2022	9.04	20.94	151.98	60.18	354.06	8513.28	5195.2	1502.88	964.8	402.24	389.34	88.04	168.6	214.83	646.24	142.92	1324.56
04Oct2022	8.58	21.444	140.79	51.24	357.78	8871.84	5443.2	1477.428	958.08	369.52	352.26	90.32	151.04	212.22	585.92	139.66	1338.24
05Oct2022	14.74	22.764	158.31	55.17	401.58	8599.68	5422.4	1494.396	972.48	332.08	346.38	96.48	145.32	217.59	614.4	149.02	1416.6
06Oct2022	10.42	22.776	157.65	65.1	455.28	8532	5156.8	1464.096	1072.48	367.92	350.16	101.72	202.4	202.5	791.2	170.66	1542.12
07Oct2022	13.14	23.304	155.37	64.11	491.76	7668	4987.2	1381.68	1114.48	347.12	344.52	101.92	211.2	250.11	811.92	185.28	1474.68
08Oct2022	12.78	23.22	179.67	78.39	439.32	7087.68	4577.6	1283.508	869.68	324.08	348.66	97.76	150.04	210.66	711.2	193.78	1399.92
09Oct2022	14.54	21.012	162.39	68.1	468.06	6400.8	4126.4	1163.52	890.8	283.92	351.66	83.12	204.04	208.71	663.52	133.34	1365.6
10Oct2022	17.42	20.94	162.48	59.94	472.86	8568	5404.8	1450.764	1001.6	386	342.06	94.08	167.64	272.88	730.96	138.04	1434.6
11Oct2022	15.86	21.444	155.52	55.65	431.94	8501.76	5456	1439.856	923.04	374.72	319.44	90.2	177	283.59	700.56	125.8	1132.92
12Oct2022	14.48	22.764	179.82	67.17	494.1	8665.92	5401.6	1507.728	1032.72	380	359.64	87.16	249.08	321.21	1050.72	142.18	1154.4
13Oct2022	63.72	22.776	235.5	90.93	583.92	9535.68	5899.2	1557.42	1231.68	429.28	438.12	104	238.32	289.35	1088.32	161.7	1274.88
14Oct2022	64.72	23.304	228.36	85.98	565.02	8735.04	5521.6	1580.448	1207.92	388.48	442.8	115.8	242.44	288.9	1005.04	171.72	1201.92
15Oct2022	62.52	23.22	211.95	92.76	518.1	8091.36	5012.8	1385.316	1104	375.6	445.8	101.64	190.68	251.1	945.76	163.06	1113.72
16Oct2022	69.04	21.012	231.9	104.46	501.72	7387.2	4619.2	1308.96	1109.68	373.68	436.68	109.96	191	293.73	1073.28	168.38	1319.04
17Oct2022	51.56	20.94	226.05	96.24	540.18	10336.32	6670.4	1685.892	1414.24	494.4	452.46	126.84	313.08	397.65	1211.12	178.94	1552.8
18Oct2022	57.68	21.444	222.03	84.93	513.24	10031.04	6532.8	1596.204	1352.56	491.04	428.88	116.88	283.28	359.85	1185.92	168.1	1519.32
19Oct2022	49.32	22.764	189.99	73.68	549	9290.88	5883.2	1483.488	1039.6	384.8	367.08	102.52	241.52	352.08	835.36	111.62	1237.8
20Oct2022	24.2	22.776	165.51	62.94	521.64	8952.48	5633.6	1495.608	1058.56	367.92	338.28	99.24	237.4	325.92	755.6	122.22	1189.44
21Oct2022	28.86	23.304	166.08	59.88	445.68	7738.56	5022.4	1364.712	1010.48	383.12	405.18	89.28	247.72	321.12	696.24	115.66	1079.88
22Oct2022	11.86	23.22	159.45	66.3	390	6870.24	4592	1178.064	922.24	334.56	390.3	85.04	221.28	265.14	676.32	110.74	1048.2
23Oct2022	10.36	21.012	172.2	69	395.34	6848.64	4436.8	1165.944	840.96	356.72	345.18	85.56	225.04	251.16	655.2	95.04	1184.16
24Oct2022	12.68	20.94	172.29	77.61	374.52	8542.08	5198.4	1507.728	874.8	346.72	360.9	87.36	243.76	293.43	593.52	94.28	1301.52
25Oct2022	13.9	21.444	162	62.49	437.16	9205.92	5752	1528.332	1179.52	386.4	395.46	105.72	283.44	259.65	1068.16	129.4	1472.4
26Oct2022	41.3	22.764	151.23	76.8	402.66	9192.96	5896	1615.596	1096.72	350.96	341.58	100.76	260.4	257.28	1080.64	136.02	1453.56
27Oct2022	38.66	22.776	212.91	95.46	478.38	9362.88	5934.4	1608.324	1119.92	384.56	404.52	119.4	306.64	260.64	980.32	146.02	1292.28
28Oct2022	39.6	23.304	162.39	76.74	374.82	7810.56	4964.8	1345.32	982.96	369.92	369.24	101.08	247.48	259.53	734.16	142.66	1190.52
29Oct2022	32.58	23.22	159.57	60.99	366.84	7038.72	4699.2	1258.056	908.88	342.88	378.78	91.24	249.12	204.72	712.48	139.68	1151.88
30Oct2022	29.9	21.012	177.9	68.1	398.28	7286.4	4736	1353.804	897.84	350.72	379.92	91.04	201.76	192.6	692.56	127.06	1174.56
31Oct2022	35.88	20.94	134.88	66.3	376.5	8710.56	5382.4	1405.92	1053.6	362.96	318.66	89.28	267.88	239.94	895.76	136.72	1203
01Nov2022	31.52	21.444	142.56	55.8	361.32	8657.28	5515.2	1426.524	969.76	362.8	296.46	96.84	263.64	227.01	759.36	132.8	1247.28
02Nov2022	33.94	22.764	134.13	62.25	345.06	8811.36	5417.6	1355.016	981.12	365.2	309.36	103.92	231.6	236.91	628.32	105.84	1194.24
03Nov2022	49.34	22.776	161.85	92.34	396.36	9014.4	5616	1564.692	1099.76	422.64	341.82	106.08	285.68	237.69	964.56	111.64	1290.84
04Nov2022	52.3	23.304	192.3	79.65	468.78	8982.72	5779.2	1459.248	1229.68	383.68	417.48	96.96	275.48	235.92	948.88	105.26	1403.16
05Nov2022	47.86	23.22	191.88	79.26	459.42	8415.36	5171.2	1306.536	1061.12	382.72	381.72	106.96	230.44	202.92	895.76	101.46	1253.16
06Nov2022	20.94	21.012	253.5	139.47	537.24	7950.24	5172.8	1324.716	1084.48	392	463.5	118.32	211.32	203.04	904.72	101.06	1193.76
07Nov2022	21.06	20.94	244.68	110.4	599.64	10321.92	6632	1659.228	1390.8	476.72	487.08	138.08	333.92	285.54	1061.36	117.58	1442.04
08Nov2022	16.02	21.444	234.63	26.97	513.48	9838.08	6129.6	1496.82	1167.28	392.72	460.74	117.68	313.44	269.13	937.6	102.76	1374.24
09Nov2022	20.34	22.764	217.26	99.69	505.14	9819.36	6123.2	1518.636	1266.24	453.28	420.18	118.72	279.08	263.28	972.88	98.3	1497.6
10Nov2022	22.66	22.776	247.98	115.08	0	8609.76	6684.8	1741.644	0	487.28	451.08	132.16	49.2	269.58	1160	107.28	1531.08
11Nov2022	12.14	23.304	326.55	139.08	668.88	10586.88	6960	1754.976	1571.84	481.04	594.9	163.16	327.56	301.68	1159.2	113.86	1571.76
12Nov2022	16.96	23.22	301.29	162.09	633.36	9740.16	6492.8	1729.524	1523.44	439.52	589.92	157.8	268.2	279.03	1108	135.6	1426.56
13Nov2022	21.88	21.012	296.25	150.63	635.22	9593.28	6164.8	1639.836	1480.4	455.68	550.68	149.08	286.48	250.41	1106.08	125.96	1445.4
14Nov2022	14.2	20.94	265.98	131.4	604.56	11073.6	7020.8	1784.064	1521.28	448.16	528.6	147.4	295.12	286.41	1262.24	120.76	1671
15Nov2022	14.86	21.444	259.35	118.62	612.36	11538.72	7230.4	1849.512	1540.72	487.84	527.76	147.08	334.16	292.62	1323.12	125.06	1720.08
16Nov2022	18.46	22.764	271.53	130.35	618.18	11592	7216	1860.42	1553.12	487.44	499.2	150.68	295.76	294.03	1338.24	131.78	1598.04

[PROTECTED DATA BEGINS…

Day	FANNY RURAL	FARWELL	FERGUS FALLS AURDAL RURAL	FERGUS FALLS DAYTON HOLLOW	FERGUS FALLS DIV. RURAL	FERGUS FALLS EDGETOWN	FERGUS FALLS NE	FERGUS FALLS SE	FERTILE	FISHER	FORADA MAPLE LAKE	FOXHOME	GARY	GREEN VALLEY	GREENBUSH	GULLY	HALLOCK NW
17Nov2022	22.22	22.776	306.42	131.01	677.58	11897.28	7475.2	2041.008	1621.2	491.04	565.08	168.76	311.4	314.55	1332.08	142.42	1705.44
18Nov2022	19.1	23.304	354.45	159.57	740.04	11125.44	7379.2	1922.232	1683.44	528.32	653.52	165.24	404.88	322.65	1299.92	156.72	1783.68
19Nov2022	19.48	23.22	361.23	156.06	780.72	10798.56	7217.6	1867.692	1732.48	514.32	695.52	163.64	332.64	279.21	1288.64	198.96	1672.8
20Nov2022	15.64	21.012	302.94	133.11	627.12	10251.36	6398.4	1706.496	1496.64	480.48	581.58	147.4	278.32	233.07	1158.4	163.44	1550.52
21Nov2022	17.24	20.94	317.07	153.15	704.4	11731.68	7396.8	1872.54	1628.96	548.4	599.28	162.32	338.16	300.24	1268.48	120.72	1566.84
22Nov2022	20.98	21.444	246.84	104.04	553.86	11293.92	7196.8	1820.424	1519.6	472.96	466.8	124.64	301.68	256.29	1168.4	127.72	1603.32
23Nov2022	14.3	22.764	223.83	100.71	541.08	9565.92	6134.4	1645.896	1361.76	444.72	417.12	117.2	295.04	262.65	1101.36	103.4	1595.52
24Nov2022	12.12	22.776	250.65	120.27	566.1	8710.56	5907.2	1584.084	1182.16	421.04	504.42	122.68	223.48	195.15	1085.52	100.44	1383.36
25Nov2022	11.6	23.304	239.76	116.61	526.98	8933.76	5891.2	1481.064	1320.88	420.4	451.2	121.24	281.32	228	1024.4	125.5	1428.24
26Nov2022	10.6	23.22	230.76	92.61	511.14	8496	3422.4	1425.312	1244.48	393.52	443.46	113.96	286.48	215.07	976.16	111.82	1249.92
27Nov2022	13.06	21.012	242.67	113.04	593.52	8894.88	5814.4	1512.576	1310.8	422.64	519.96	140.16	258.8	216.15	1113.92	109.2	1490.28
28Nov2022	15.94	20.94	235.26	124.89	550.5	6370.56	7084.8	1809.516	1516.08	514.48	443.4	127.64	318.8	272.34	1203.36	113.48	1613.88
29Nov2022	19.52	21.444	326.4	144.18	766.38	5404.32	12304	2071.308	1717.36	580.8	613.98	169.32	352.04	299.4	1354.64	143.02	1793.4
30Nov2022	20.94	22.764	383.49	162.15	811.98	5705.28	15179.2	2156.148	1915.28	590.4	703.2	191.16	363.64	310.32	1207.52	149.32	1853.88
01Dec2022	17.74	22.776	305.82	128.58	704.58	6104.16	7409.6	1842.24	1632.72	511.84	548.82	148.72	316.16	308.28	1332.16	144.08	1737.72
02Dec2022	29.1	23.304	279.06	136.86	671.46	11440.8	7035.2	1872.54	1586.4	571.12	559.08	165.56	350.12	292.8	1312.56	140.08	1772.88
03Dec2022	41.22	23.22	364.83	170.4	806.76	11678.4	7488	1937.988	1915.36	587.52	673.68	172.4	403.8	269.4	1504.48	155.02	1824.24
04Dec2022	21.94	21.012	297.33	128.94	681.36	10668.96	6664	1763.46	1571.76	514.72	597.72	153.68	324.16	258.51	1394.56	141.66	1713.24
05Dec2022	36.16	20.94	323.04	154.02	740.7	12129.12	7608	2093.124	1783.12	554.16	620.82	167.48	365.16	283.92	1528.96	163.78	1823.64
06Dec2022	42.8	106.596	336.3	159.75	761.22	12752.641	8092.8	2064.036	1727.28	590.16	589.26	175.2	358.96	303.84	1564.8	173	1982.88
07Dec2022	36.5	113.16	331.56	155.25	772.5	13219.201	8492.8	2179.176	1892.56	592.48	573.18	169.52	401.72	323.04	1462.24	176.04	2106.96
08Dec2022	23.86	113.22	264.6	135.57	673.44	12411.36	7724.8	1970.712	1749.12	571.76	532.38	172.96	389.12	308.94	1368.08	156.34	1916.16
09Dec2022	16.86	115.836	262.95	118.53	619.02	10599.84	6939.2	1745.28	1505.92	471.68	569.28	155.16	343.92	298.23	1229.68	139.78	1692.6
10Dec2022	14.46	115.428	292.38	139.14	609.48	9541.44	6249.6	1666.5	1438.96	428.4	600.42	150.72	339.44	251.4	1205.52	133.66	1449.72
11Dec2022	15.58	104.448	273.72	132.78	594.66	9910.08	6489.6	1711.344	1375.28	419.68	603	166.52	257.32	282.27	1140.56	119.94	1436.76
12Dec2022	19.24	104.088	288.51	135.42	704.94	11492.64	7440	1804.668	1531.76	472.72	605.94	167.32	331.56	314.34	1187.44	127.6	1601.52
13Dec2022	27.78	106.596	307.26	169.77	663.48	11057.76	7155.2	1868.904	1480	464	600.48	171.96	346.68	306.87	1229.68	131.16	1532.52
14Dec2022	17.82	113.16	268.83	128.88	617.22	10916.64	6947.2	1725.888	918.72	468.32	565.38	144.84	327.32	287.85	1196.08	130	1495.44
15Dec2022	18.44	113.22	300.75	136.53	638.58	11243.52	6820.8	1848.3	1507.6	464.56	542.94	143.16	365.48	295.59	1195.36	126.46	1446.12
16Dec2022	19.68	115.836	337.41	170.97	696.9	11207.52	7108.8	1917.384	1571.52	516.48	600.06	168.52	354.6	310.44	1291.04	127.38	1566.96
17Dec2022	13.26	115.428	381.63	183.99	798.84	10607.04	7072	2005.86	1752.72	496.72	752.4	184.68	366.72	288.93	1297.6	149.66	1586.76
18Dec2022	27.4	104.448	391.98	203.85	863.1	11757.6	7758.4	2125.848	1968.24	556.88	782.22	196.08	398.56	274.47	1486.24	162.06	1714.56
19Dec2022	33.08	104.088	387.99	190.38	822	13917.601	8825.6	2460.36	1827.44	625.84	669.12	180.12	409.08	327.6	1326.64	166.5	1910.52
20Dec2022	44.16	106.596	438.12	213.75	907.68	15147.361	9675.2	2703.972	2245.28	667.52	793.56	199.36	450.44	345.75	1767.12	27.92	1976.52
21Dec2022	40.38	113.16	471	205.62	954.96	14922.721	9800	2567.016	2248.4	679.04	829.2	227.72	446.16	369.69	1742.16	176.14	2140.8
22Dec2022	43.52	113.22	504.84	246	1069.74	15056.641	9444.8	2693.064	2325.84	672.48	943.02	229.36	486.16	382.59	1761.68	176.46	2124.84
23Dec2022	32.94	115.836	536.82	262.86	1038	14908.321	9515.2	2607.012	1939.12	713.52	984.72	279.64	524.32	391.17	1829.68	189.84	2041.92
24Dec2022	35.8	115.428	512.37	245.01	1017.6	13302.721	8849.6	2510.052	2214.8	624.64	869.7	236.68	431.16	365.73	1739.76	180.24	1959.48
25Dec2022	34.98	104.448	463.92	214.77	890.46	12276	8388.8	2439.756	2005.6	606.4	809.4	237.56	398.4	316.8	1597.76	158.08	1866.72
26Dec2022	48.56	104.088	430.38	183.18	863.88	12206.88	8328	2250.684	2016	618.48	728.04	202.4	457.68	326.97	1563.84	160.44	1829.04
27Dec2022	20.9	106.596	340.14	184.11	765.84	12045.6	7603.2	1952.532	1856.96	531.76	722.34	198.56	352.88	314.07	1312.72	129.32	1753.68
28Dec2022	11.64	113.16	285	135.18	657.6	11191.68	6856	1844.664	1536.24	493.52	544.2	160.6	352.96	273.72	1262.32	125.6	1658.88
29Dec2022	13.94	113.22	339.3	163.29	772.68	11712.96	7107.2	1930.716	1615.28	533.52	645.78	185.32	372.08	268.5	1100.24	120.14	1596.6
30Dec2022	42.9	115.836	331.17	146.91	735.18	11288.16	7556.8	2020.404	1812.4	526.64	605.16	181.36	373.44	306.42	1351.76	40.28	1696.08
31Dec2022	31.96	115.428	300.72	144.06	686.16	10046.88	6724.8	1847.088	1484.32	484.32	624.3	165.64	302.68	232.26	1295.52	122.28	1528.44

…PROTECTED DATA ENDS]

Day	HENDRICKS	HERMAN NORCROSS	HOFFMAN	HOFFMAN GRAIN	[PROTECTED DATA BEGINS…	HUMBOLDT	IVANHOE WILNO	JOHNSON	KARLSTAD	KENSINGTON	KERKHOVEN	LAKE BENTON	LAKE BRONSON	LANCASTER	LOUISBURG JCT.	[PROTECTED DATA BEGINS…	MARIETTA	MCINTOSH
01Jan2022	1247.36	1556.88	1450.56				1028.4	184.56	1930.32	831.39	3650.76	1185.72	519.16	1058.24	510.72		384.16	1266
02Jan2022	1263.76	1492.92	1387.04				975.6	168.21	2034.72	748.47	3504.96	1092.48	512.4	1021.28	475.92		391.2	1291.36
03Jan2022	1046.64	1446.48	1071.2				816.32	133.65	1496.88	471.78	2713.8	858.24	424.92	1334.64	444.12		266.24	1035.52
04Jan2022	1113.04	1446.96	1159.12				855.76	166.38	1775.76	470.43	2999.4	829.68	454.56	1316.48	483.96		305.68	1214.32
05Jan2022	1313.68	1462.92	1446.48				1070	205.74	2085.36	618.42	3541.2	1151.88	504.96	1393.84	501.6		398	1318.24
06Jan2022	1402.48	1758	1531.44				1184.88	185.97	1500	611.64	3838.08	1186.68	492.68	1325.76	582.12		407.44	1142.72
07Jan2022	1347.68	1672.32	1516.64				1100	231.93	1936.32	814.11	3895.56	1204.68	511.76	1167.84	605.4		372.64	1359.36
08Jan2022	1061.52	1150.92	1212.32				902	154.92	1755.6	621.15	3194.4	1028.64	437.4	1058.24	466.44		270.88	1170.96
09Jan2022	1202.72	1362.84	1413.68				977.04	177.54	1999.92	813.15	3519.24	1110.12	489.2	1021.28	457.08		355.12	1332.8
10Jan2022	1203.76	1646.64	1364.48				889.28	180.45	2147.28	677.67	3564.96	1033.44	512.76	1334.64	497.4		330.8	1418.8
11Jan2022	1000	1287.6	1135.6				746.8	147.69	1540.08	545.64	3006.12	868.08	431.12	1316.48	423.96		247.12	1027.92
12Jan2022	943.2	1317.12	1029.52				708.72	107.1	1508.88	464.04	2685.6	785.28	397.48	1393.84	404.16		217.6	909.04
13Jan2022	1009.76	1178.4	1151.36				764.56	117.39	1615.2	597.84	2988.84	903.96	405.4	1325.76	429.96		278.56	1010.56
14Jan2022	1040.72	1113.24	1184.64				764.64	146.52	1775.04	512.04	3242.52	934.2	441.52	1167.84	419.16		306.72	1061.76
15Jan2022	1111.76	1230.84	1266.24				818	160.8	1775.04	548.46	3199.44	1064.64	448.88	1058.24	442.44		333.92	1177.84
16Jan2022	998.56	1095	1055.6				741.36	120.75	1186.08	445.77	2906.76	921.48	389.44	1021.28	405.72		264.48	842.56
17Jan2022	1002.16	1197.12	1131.12				746.96	104.37	1493.04	552.33	2886.84	867.84	378.16	1334.64	407.16		233.12	1017.92
18Jan2022	978.24	1277.64	1069.6				750.4	127.95	1761.6	498.36	2705.4	799.44	373.72	1316.48	414.24		234.64	941.44
19Jan2022	1192.08	1342.92	1131.84				925.84	158.55	1411.92	654.6	3383.52	1110.6	405.56	1393.84	492.72		363.92	1285.84
20Jan2022	1238.24	1656.6	1371.2				890.08	190.71	2167.44	732.99	3558.96	1056.72	505.12	1325.76	523.2		366.32	1359.76
21Jan2022	1115.12	1341.72	1273.6				817.76	196.5	1755.36	685.5	3160.44	1044.36	464.28	1036.56	475.68		307.92	1156.08
22Jan2022	1113.6	1442.16	1288				841.6	185.85	1879.92	692.07	3199.2	1051.32	460.64	944.16	488.52		324.24	1226.24
23Jan2022	1195.92	1359.12	1387.76				1022.88	191.85	1931.76	747.72	3540.84	1128.36	460.48	921.12	469.44		324.4	1265.92
24Jan2022	1156.56	1421.88	1265.36				923.2	156.96	2034.48	642.96	3320.64	1027.8	491.44	1129.2	508.32		315.12	1194.88
25Jan2022	1313.2	1540.08	1398.48				923.28	184.02	2083.92	801.93	3749.88	1122	473.44	1115.84	530.52		355.28	1290.72
26Jan2022	1041.92	1268.88	1137.36				820.88	156.87	1596	468.12	3297.12	1023	412.08	1192.96	441		296.4	1114
27Jan2022	1060.24	717.72	1193.92				798.16	146.37	1909.92	471.21	2979.6	968.28	413.2	1192.32	446.16		288.16	1105.44
28Jan2022	1097.76	1371.72	1247.6				827.92	141	1845.84	694.29	3316.8	1046.64	441.2	1036.56	479.28		268.72	1097.92
29Jan2022	970.88	1024.32	1146.64				700.96	119.52	1554.96	549.63	2939.88	890.52	400.56	944.16	403.8		255.52	1040.64
30Jan2022	1059.04	1153.44	1198.48				798.88	138.69	1668.96	659.49	3040.8	1020.72	410.04	921.12	429.72		288.32	1058.24
31Jan2022	970.32	1248.12	1159.52				766.8	170.1	1668.96	495.93	3235.2	909.84	396.28	1129.2	497.4		295.76	931.84
01Feb2022	1118.64	1268.88	1414.8				835.44	180.06	1999.68	555.84	3548.16	960.12	430.64	1115.84	473.64		328.96	1110.08
02Feb2022	1258.32	1502.16	1344.4				942.48	166.05	1487.76	738.15	3564.12	1085.04	376.52	1192.96	544.2		363.6	1203.04
03Feb2022	1246.4	1539.96	1296.8				898.24	180.15	2152.08	609.69	3567.12	1107.6	491.72	1192.32	524.28		347.92	1310.96
04Feb2022	1238.24	1567.68	1333.36				916.88	176.55	2054.64	667.41	3657.6	1126.2	473.44	1036.56	527.76		343.04	1205.28
05Feb2022	974.8	1176	1223.04				737.12	131.46	1755.12	476.64	3228.36	902.64	439.56	944.16	403.68		243.36	1118.24
06Feb2022	959.92	1313.28	1222.24				721.44	145.59	1687.68	511.29	3059.16	920.64	421.64	921.12	431.88		286.48	1051.6
07Feb2022	957.76	1292.88	1120.56				750.88	142.59	1633.68	578.37	3119.64	805.92	409.2	1129.2	448.92		241.68	1018.32
08Feb2022	931.52	1096.44	989.2				648.16	122.1	1440.72	380.49	2764.68	666.24	345.16	1115.84	415.44		213.52	897.76
09Feb2022	992.56	1148.4	1074.72				770.08	128.82	1705.2	541.41	2980.68	896.04	404.4	1192.96	399.6		257.76	941.52
10Feb2022	960.24	1165.68	1064.64				725.44	120.66	1544.88	467.31	3051.48	856.92	384.84	1192.32	402.24		248.4	954.08
11Feb2022	1015.28	1425.48	1303.68				777.52	185.1	2051.76	525.3	3489.24	958.08	502.32	1036.56	461.28		304.8	1127.76
12Feb2022	1178.48	1319.4	1316.16				857.36	170.85	1845.84	677.55	3430.08	1103.4	499.64	944.16	474.84		344.4	1221.6
13Feb2022	1169.6	1340.04	1344.88				882.72	176.4	1963.68	756.66	3537.96	1131.24	494.24	921.12	488.76		334.08	1286.32
14Feb2022	1105.2	1429.92	1098.48				823.36	141.12	1543.44	487.29	3006	932.52	474.36	1129.2	479.28		300.32	961.76
15Feb2022	964.32	1206.24	1141.76				751.2	153.15	1614.96	552.06	3214.92	839.64	454.28	1115.84	424.56		263.92	998.48
16Feb2022	1079.04	1395	1132.56				816.16	140.43	1950.48	544.38	3074.04	948.84	463.2	1192.96	465.12		286.56	1007.6
17Feb2022	1148.64	1457.64	1257.28				812.16	145.02	1959.12	597.24	3203.28	958.44	460.96	1192.32	473.16		317.28	1222.88
18Feb2022	1128	1336.32	1258.64				810.24	151.02	2010.96	672.96	3345.96	940.8	473.72	1036.56	462		282.72	1275.6
19Feb2022	1052.96	1199.76	1181.12				798.24	149.49	1673.04	514.95	3248.52	968.4	441.4	944.16	417.48		283.6	1160.08
20Feb2022	935.52	1021.92	1015.84				717.2	127.26	1649.28	449.67	2914.8	833.28	438.36	921.12	338.04		248.88	955.76
21Feb2022	1151.52	1235.16	1261.28				844.08	187.2	2197.44	703.83	3469.2	1081.32	490.2	1129.2	472.44		336.56	1247.92
22Feb2022	1343.28	1366.44	1404.24				953.6	210.75	2159.76	743.28	3711.72	1263.12	514.52	1115.84	508.92		383.76	1345.04
23Feb2022	1203.68	1317.48	1229.76				901.36	158.43	1823.04	564.93	3360.72	1142.76	495.36	1192.96	490.92		322.56	1115.76
24Feb2022	1307.2	1448.64	1290.48				976.64	169.86	1972.32	714.42	3594.24	1221.6	449.68	1192.32	505.68		350.8	1202.8
25Feb2022	1183.6	1346.16	1150.8				837.28	135.21	1902.72	627	3232.2	1069.56	438.4	1036.56	435.96		294.4	1181.68
26Feb2022	971.36	1056.72	978.32				699.52	128.94	1419.12	522.12	2873.04	935.16	399.88	944.16	332.04		222.56	949.52
27Feb2022	948.64	998.76	1007.84				701.68	114.09	1491.12	466.77	2676.12	864.6	391.44	921.12	314.04		228.8	917.28
28Feb2022	864.24	1132.32	908.32				682.96	93.03	1564.32	403.8	2649.84	703.2	402.2	1129.2	347.88		206.96	786.96
01Mar2022	892.88	1213.56	889.52				672.8	108.87	1541.28	398.49	2644.08	709.2	336.8	1115.84	369.36		207.2	818.96
02Mar2022	947.6	1192.44	947.2				715.12	119.37	1391.76	405.99	2830.2	862.56	394.12	1192.96	408		266.4	928.88
03Mar2022	1063.28	1335.48	1081.92				815.44	139.08	1746.24	451.41	2866.56	978	398	1192.32	456.6		277.36	999.6
04Mar2022	925.76	1225.2	1093.12				702.16	130.65	1551.12	441.15	2790.84	854.28	404.6	1036.56	374.76		237.36	1021.36
05Mar2022	900.56	979.92	1011.04				675.68	116.76	1226.16	461.94	2605.08	821.04	327.4	944.16	364.2		248.88	845.12

Day	HENDRICKS	HERMAN NORCROSS	HOFFMAN	HOFFMAN GRAIN	[PROTECTED DATA BEGINS…	HUMBOLDT	IVANHOE WILNO	JOHNSON	KARLSTAD	KENSINGTON	KERKHOVEN	LAKE BENTON	LAKE BRONSON	LANCASTER	LOUISBURG JCT.	[PROTECTED DATA BEGINS…	MARIETTA	MCINTOSH
06Mar2022	952.4	1070.88	1194.48				706.72	119.91	1373.28	446.01	2956.08	912.24	374.96	921.12	377.4		236.08	939.92
07Mar2022	979.36	1241.64	975.2				775.04	123.18	1561.44	483.51	2723.52	833.16	380.32	1129.2	397.92		251.92	1000.32
08Mar2022	1002.56	1212.48	937.12				744.16	120.6	1669.2	414.15	2883.96	831.96	367.36	1115.84	429		271.36	634.08
09Mar2022	1110.16	1350.24	1033.12				830.96	125.37	1756.56	457.59	3174.6	934.68	405.08	1192.96	455.16		285.2	634.16
10Mar2022	1077.36	1284.24	996.96				754.72	129.48	1814.88	467.76	3000.96	813.6	444.72	1192.32	391.08		247.2	679.52
11Mar2022	1159.76	1585.68	1257.76				836.32	166.56	1916.88	566.55	3386.28	778.68	444.68	1036.56	444.12		323.6	722.88
12Mar2022	1024.16	1250.16	1088.56				727.84	136.98	1552.08	461.94	2950.8	801.24	407.28	944.16	364.68		260.8	659.2
13Mar2022	817.36	927	931.92				641.84	112.17	1426.56	446.01	2557.92	748.2	370.36	921.12	275.4		213.52	633.84
14Mar2022	912.56	1062.24	915.12				729.28	110.49	1374.48	483.51	2633.16	737.4	368.16	1129.2	317.64		192.24	628.32
15Mar2022	849.84	956.64	772.96				638.88	98.97	1280.64	414.15	2510.88	693.96	307.8	1115.84	301.32		178.88	634.08
16Mar2022	796.64	817.44	791.84				581.68	92.31	1126.08	457.59	2495.16	775.68	286.72	1192.96	295.44		168.64	634.16
17Mar2022	830.08	906.36	774.64				598.24	86.37	1168.08	467.76	2445.72	813.6	306.92	1192.32	300.6		169.28	679.52
18Mar2022	834.56	929.4	828.08				651.52	89.79	1062	566.55	2466	778.68	273.84	1036.56	295.2		174.88	722.88
19Mar2022	763.12	786.84	773.36				550.88	84.66	928.08	461.94	2384.04	801.24	240.32	390.96	265.92		178.8	659.2
20Mar2022	757.68	822.48	840.56				588.4	94.41	889.2	446.01	2482.32	748.2	232.72	394.88	259.92		186.08	633.84
21Mar2022	790.88	729.72	876.8				550.96	87.09	1014	483.51	2343.84	737.4	246.6	530.64	308.52		159.12	628.32
22Mar2022	875.36	940.2	838.96				670.64	110.61	1019.28	414.15	2548.32	693.96	266.28	553.44	344.76		226.8	634.08
23Mar2022	939.28	1033.56	845.28				721.2	115.44	1161.36	457.59	2743.2	775.68	269.56	613.76	336.12		243.52	634.16
24Mar2022	839.76	812.16	862.24				647.2	87.69	1063.2	467.76	2373.48	813.6	285.24	651.92	295.56		172.4	679.52
25Mar2022	875.04	1041.6	914.24				663.28	111.54	1385.28	566.55	2597.4	778.68	350.84	781.6	290.4		197.44	722.88
26Mar2022	902.24	1054.56	866.16				646.8	118.35	1368.48	461.94	2677.8	801.24	373.04	745.36	280.8		234.24	659.2
27Mar2022	866.08	1028.64	868.4				694.96	105.09	1194.72	446.01	2585.64	842.28	365.76	677.68	292.92		214	633.84
28Mar2022	925.04	1083.96	876.8				690.8	118.23	1237.2	483.51	2769.12	768	378.64	724.4	361.8		200	628.32
29Mar2022	899.76	1019.28	838.96				689.92	114.78	1116.96	414.15	2868.36	751.8	287.24	688.08	351.12		183.76	634.08
30Mar2022	943.84	1067.16	845.28				745.6	116.88	1359.6	384.75	2580.72	876.6	308.04	736.8	366.84		220.08	634.16
31Mar2022	905.28	1008.6	862.24				720.24	108.75	1004.4	371.13	2614.56	790.2	264	631.28	365.04		220	679.52
01Apr2022	845.84	1168.2	867.36				708.24	103.53	909.6	353.49	2628.24	794.76	240.44	418.56	334.56		212.96	722.88
02Apr2022	768	795.36	752.4				538.8	92.16	1019.76	328.65	2239.08	650.04	290.16	484.88	243.96		171.04	659.2
03Apr2022	831.52	892.08	890.8				637.52	114.9	955.44	394.32	2520.96	716.52	286.56	450.88	317.52		212.16	633.84
04Apr2022	841.36	932.64	818.32				603.44	99.87	1041.6	393.99	2388.96	633.96	279.2	631.76	309.96		170.32	628.32
05Apr2022	838.32	826.2	839.52				593.52	90	1245.84	373.26	2552.4	640.08	297.28	774.48	323.76		152.32	634.08
06Apr2022	907.68	1137.6	1006.72				705.52	120.6	1257.84	586.89	2718	810	296.04	788.96	358.44		239.36	634.16
07Apr2022	957.52	1046.04	1020.4				733.12	119.49	1105.68	418.68	2808.12	843.84	309.44	667.04	356.52		252.64	679.52
08Apr2022	848.96	827.64	780.08				646.16	106.17	900	430.14	2420.76	726.48	247.04	558.8	305.88		197.12	722.88
09Apr2022	789.92	752.28	721.2				543.28	93.27	875.76	389.85	2250.96	645.24	282.6	536.08	262.44		174.88	659.2
10Apr2022	715.84	757.44	673.04				555.12	86.43	782.16	309.36	2085.36	615.36	248.08	423.44	270.48		179.68	633.84
11Apr2022	781.36	803.16	774.64				567.6	90.63	866.64	309.78	2190.6	620.04	237	626.24	284.52		152.56	628.32
12Apr2022	816.08	947.4	883.52				650.96	105.12	1301.52	436.23	2565.84	710.28	310.96	754.08	301.08		192.88	634.08
13Apr2022	943.28	1121.4	852.88				635.92	110.46	1190.64	352.41	2538.6	780.6	307.6	548.08	304.44		195.28	634.16
14Apr2022	1026.56	1176.84	1050.96				757.92	121.02	1374.48	467.37	2804.28	924.96	320.72	704.32	366.36		220.72	679.52
15Apr2022	910.16	1089.24	1035.28				661.12	134.46	1368	593.82	2737.08	798	355.76	709.76	313.56		200.8	722.88
16Apr2022	797.28	869.64	862.88				632.72	118.08	1060.08	369	2463	749.76	296.96	616.96	257.4		187.76	659.2
17Apr2022	862	1020.24	975.6				660.8	129.6	1102.8	422.37	2550.12	783.48	316.24	604.8	332.52		209.2	633.84
18Apr2022	884.64	997.8	995.44				692.32	113.46	1159.44	430.05	2684.04	795.12	288.4	715.68	340.2		209.12	628.32
19Apr2022	992.16	1062.12	903.76				738.56	120.12	1163.52	404.25	2554.68	838.8	241.92	635.12	376.68		210.72	634.08
20Apr2022	754.64	841.92	793.6				586.64	98.37	826.32	324.3	2358.72	675.96	243.72	558.24	286.08		187.76	634.16
21Apr2022	789.68	891.24	752.08				521.44	94.2	1009.2	319.98	2160.6	545.64	258.08	622.16	281.52		148.64	679.52
22Apr2022	793.92	896.4	882.4				591.2	106.56	1074	358.29	2327.04	631.8	277.04	459.76	310.32		181.04	722.88
23Apr2022	642.16	687.24	617.2				472.72	76.53	1054.08	249.18	2101.2	470.52	296.72	432.72	259.32		137.44	659.2
24Apr2022	727.52	984.48	775.2				534.64	96.42	1022.64	352.02	2056.2	618	266.2	422.32	301.68		179.84	633.84
25Apr2022	820.48	1014	856				699.76	119.31	965.28	392.13	2494.32	738.24	303.68	769.12	346.44		218.8	628.32
26Apr2022	814.96	951.48	924.08				585.12	101.55	1100.16	351.45	2352.96	659.4	244.52	627.12	329.88		168.32	634.08
27Apr2022	841.6	877.56	890.08				613.36	102.72	958.8	430.95	2371.2	658.92	231.64	670.64	304.56		174	634.16
28Apr2022	831.6	825.24	786.8				620.8	91.26	1026	406.59	2227.68	651.96	236.92	640.56	298.8		159.2	679.52
29Apr2022	820.96	817.44	769.84				607.84	94.2	1080.72	301.95	2272.2	625.68	261.04	513.68	306.84		179.12	722.88
30Apr2022	719.36	816.36	736.96				543.84	89.91	996.48	315.84	1992.48	590.28	258.68	431.28	280.92		183.52	659.2
01May2022	836.24	939.48	785.76				605.52	103.68	1054.08	394.41	2176.32	680.64	271.12	417.68	321.72		236.56	633.84
02May2022	881.84	814.68	761.2				656.32	93.42	937.92	323.55	2266.56	711.72	260	510.48	328.32		196.16	628.32
03May2022	761.28	655.56	653.68				555.6	83.64	873.12	264	2086.68	557.4	200.44	488.08	279.36		157.52	634.08
04May2022	786.4	630.36	637.04				549.84	68.43	822	263.52	2043.96	554.16	182.96	437.6	273.6		153.2	634.16
05May2022	762.08	599.04	669.76				520.56	79.11	781.68	249	2056.2	603.6	164.68	455.04	255.36		149.76	679.52
06May2022	739.76	694.2	592.96				486.64	76.86	710.4	231.45	2071.08	541.32	162.04	434.16	285.96		141.12	722.88
07May2022	674.88	510	589.52				443.2	62.28	670.56	237.87	1741.08	514.8	156.72	342.24	252.48		140.96	659.2
08May2022	638.56	515.28	621.68				420.32	65.4	644.4	239.79	1715.28	491.04	183.72	297.04	266.76		146.64	633.84

Day	HENDRICKS	HERMAN NORCROSS	HOFFMAN	HOFFMAN GRAIN	[PROTECTED DATA BEGINS…	HUMBOLDT	IVANHOE WILNO	JOHNSON	KARLSTAD	KENSINGTON	KERKHOVEN	LAKE BENTON	LAKE BRONSON	LANCASTER	LOUISBURG JCT.	[PROTECTED DATA BEGINS…	MARIETTA	MCINTOSH
09May2022	722.16	590.04	645.92				533.2	64.68	865.92	252.45	2183.16	564.36	196.4	389.36	269.88		159.84	628.32
10May2022	683.12	501	603.68				459.04	66.72	749.04	241.86	2020.8	522.12	178.76	422.64	260.64		152	634.08
11May2022	728.72	545.28	628.08				441.04	60.93	811.92	240.87	2013.72	555.36	187.72	443.28	275.04		145.6	634.16
12May2022	353.28	0	0				277.04	0	784.32	0	0	0	180.8	441.44	98.76		0	679.52
13May2022	648.64	536.64	0				371.04	68.91	770.64	0.93	1940.76	538.2	195.6	436	96.96		0	722.88
14May2022	596.8	442.32	535.76				418.96	66.21	793.44	225.39	1631.88	475.68	213.2	357.28	173.88		100.8	659.2
15May2022	574.24	510.12	537.6				468.32	68.61	748.56	234.3	1629.24	464.28	190.12	325.6	201.24		159.44	633.84
16May2022	717.6	604.68	602.32				469.76	71.52	802.08	259.44	2003.88	559.92	181.32	446.24	284.16		155.28	628.32
17May2022	697.6	610.08	592.08				503.28	59.91	771.36	248.67	2010.72	585.12	188.84	447.12	276.96		138.72	634.08
18May2022	722.96	574.92	624.72				454.56	60.27	863.76	262.77	2091.24	545.52	170.64	435.12	274.8		145.04	634.16
19May2022	694.48	575.04	601.12				436.48	58.17	858.48	251.34	2007.72	544.8	185.12	448.32	267.24		145.84	679.52
20May2022	645.2	623.52	626.4				425.92	70.5	1024.8	262.05	1948.2	559.8	212.04	482.96	288.96		142.8	722.88
21May2022	679.36	618	675.28				422.4	73.38	906.24	263.22	1792.32	539.4	249.48	404.64	236.88		182	659.2
22May2022	693.28	607.56	678.88				449.2	72.93	780.96	257.61	1850.52	629.52	191.12	322.4	239.64		164.64	633.84
23May2022	721.28	601.44	605.28				453.6	65.13	788.88	238.77	2122.92	516.24	214.44	421.04	267.72		137.6	628.32
24May2022	693.84	590.64	596				427.36	58.8	764.4	246.24	2040.84	519.6	190.24	420.08	251.28		134.08	634.08
25May2022	699.68	602.64	614.96				433.68	66.33	804.72	275.88	2010.48	593.64	196.52	424.56	234.48		163.2	634.16
26May2022	708.32	585.72	600.16				450.4	59.97	744.48	226.95	2000.76	544.56	183.76	398.48	279.12		141.04	679.52
27May2022	652	586.2	598.08				437.44	64.08	823.44	250.98	1977	527.16	185.96	378.72	264.36		143.92	722.88
28May2022	623.52	408.48	483.52				374.88	57.27	558	195.96	1881.6	472.8	202.88	274.56	244.32		138.96	659.2
29May2022	658.48	426.12	504.16				411.52	72.03	565.92	199.62	2009.76	488.52	151.04	263.44	284.16		146.48	633.84
30May2022	620.4	230.28	457.44				358.48	60.72	652.08	67.32	1938.48	462.12	157.72	274.88	222.96		0	628.32
31May2022	689.68	538.08	565.92				405.92	72.66	909.12	245.01	2070.72	513.96	162.56	381.52	255.48		180.8	634.08
01Jun2022	714.8	536.76	604.72				406.56	66.54	785.04	272.16	1978.44	515.4	190.12	398.4	232.2		160.72	635.44
02Jun2022	694.24	506.52	567.6				407.76	66.69	916.32	259.95	1881.48	537.6	221.48	394.4	215.04		160.96	680.88
03Jun2022	635.52	499.68	547.44				387.6	73.23	707.28	241.05	1888.92	532.44	191.88	416.96	205.68		147.6	724.48
04Jun2022	606	428.28	497.2				372.56	63.93	687.36	223.59	1724.04	469.44	193.8	308.56	220.68		131.68	660.48
05Jun2022	589.44	394.56	480.48				352.4	58.38	574.8	187.47	1764.48	453.36	177.04	280.72	231.72		135.36	635.12
06Jun2022	661.84	481.08	535.2				399.6	59.58	821.04	240.15	1993.44	506.16	208.88	399.36	234.12		145.92	629.6
07Jun2022	663.52	466.56	513.68				402.88	60.45	823.92	230.31	1983	505.68	186.52	395.6	242.04		139.12	635.36
08Jun2022	666.64	482.64	530				409.92	66.87	817.68	215.49	1908.48	530.04	175.16	373.92	226.92		149.52	635.44
09Jun2022	673.44	479.4	529.04				438.24	63.72	847.68	219.57	1905	514.68	169.36	380.48	233.04		147.28	680.88
10Jun2022	681.76	493.92	511.04				432.64	66.54	778.8	214.2	2017.68	512.04	163.88	385.04	239.64		138.64	724.48
11Jun2022	639.76	428.16	491.28				419.84	61.41	582.24	195.45	1846.56	2.76	170.48	338.8	223.68		136.96	660.48
12Jun2022	640.64	432	499.6				407.04	63.03	570	191.7	1930.44	471.6	145.72	262.64	241.56		135.84	635.12
13Jun2022	782	577.68	633.52				540.88	83.4	842.64	268.56	2488.92	580.56	161.12	381.04	285.6		165.52	629.6
14Jun2022	936.24	580.8	651.68				599.36	90.81	826.32	264.24	2652.24	608.04	173.2	401.84	301.32		208.16	635.36
15Jun2022	732	516.6	579.12				495.2	66.9	828	225.87	2432.16	540	156.24	337.68	263.64		155.68	635.44
16Jun2022	681.68	646.32	528.72				447.84	67.95	755.76	231.51	2235.48	525.96	166.56	347.68	266.28		154.56	680.88
17Jun2022	676.72	470.16	540.16				469.28	58.65	732.72	239.55	2067	532.08	170.92	375.52	263.76		158.16	724.48
18Jun2022	682.4	438.12	541.84				447.92	63.27	576.24	254.58	2021.4	522.96	146.08	238.56	246.84		159.84	660.48
19Jun2022	887.6	513.84	544.88				579.6	91.14	667.44	237.12	2311.32	642.24	192.84	286.56	338.16		218.88	635.12
20Jun2022	996.08	626.04	747.68				720.16	108	1067.52	313.68	2969.88	702.96	229.6	459.04	419.88		256.88	629.6
21Jun2022	842.72	540.84	597.28				561.44	84.66	916.32	298.95	2689.32	583.32	195.92	416.4	350.64		200.48	635.36
22Jun2022	766.4	496.08	546.48				483.36	74.79	801.84	227.91	2280.12	525.6	181.08	362.24	272.64		160.96	635.44
23Jun2022	773.44	488.28	565.76				565.36	73.35	896.4	75.57	2504.52	549.12	166.88	345.44	298.68		168.88	680.88
24Jun2022	828.8	578.28	650				574.32	92.7	847.44	259.17	2645.16	593.16	190.44	384.08	338.52		211.12	724.48
25Jun2022	754.72	489.48	536.96				541.92	77.61	621.84	218.91	2353.2	521.64	164.52	297.44	267		174.8	660.48
26Jun2022	584.96	382.2	463.92				414.32	56.73	542.4	177.96	1835.04	447	136.52	245.92	192.6		133.84	635.12
27Jun2022	686.72	461.4	518.64				453.84	64.59	812.64	209.07	2045.28	521.64	162.36	331.84	255.48		137.6	629.6
28Jun2022	724.88	500.88	526.8				483.28	66.6	818.64	221.46	2189.16	530.28	167.28	361.92	274.44		150.72	635.36
29Jun2022	721.84	464.4	561.12				467.6	59.58	814.56	228.75	2057.64	543.72	171.04	336.72	251.28		145.6	635.44
30Jun2022	828.64	539.76	629.12				578.8	85.74	773.04	248.97	2672.04	575.16	166.44	364.8	337.32		199.84	680.88
01Jul2022	734.24	468.6	542.72				462.08	70.77	758.88	208.35	2049.6	541.92	166.12	345.68	291.72		152.72	724.48
02Jul2022	756.56	418.56	483.44				466.72	63.42	513.84	186.15	2059.56	468	152.52	282.64	229.92		151.2	660.48
03Jul2022	750.96	393.24	498.56				464.96	68.43	524.88	198.54	1920.6	483.48	136.24	235.52	227.4		139.84	635.12
04Jul2022	804.4	471.36	550.32				480.32	66.96	647.52	210.87	2282.16	547.8	156.88	269.92	294.96		145.68	629.6
05Jul2022	849.2	497.64	576.08				584.24	70.38	823.2	263.94	2538.48	603.36	149.76	375.36	352.44		175.52	635.36
06Jul2022	779.68	531.6	580.56				543.36	76.86	809.52	232.95	2277	593.76	170.76	351.92	293.64		168.56	635.44
07Jul2022	751.6	558.72	572.56				502.64	71.31	824.4	236.07	2487.36	536.28	149.96	389.12	326.28		165.92	680.88
08Jul2022	761.92	509.04	561.76				488.64	70.5	773.04	230.94	2446.92	559.92	184.04	377.04	312.96		204.48	724.48
09Jul2022	686.72	453.72	517.92				466.4	73.59	578.16	207.24	2201.88	496.32	143.64	284	282.36		178.64	660.48
10Jul2022	786.72	482.64	575.76				534.32	79.68	702.24	238.17	2388.6	550.56	176.64	288.88	308.52		194.32	635.12
11Jul2022	794.88	519.84	589.68				559.6	74.64	874.08	249.93	2550.36	618.36	174.24	380.48	347.28		190.4	629.6

Day	HENDRICKS	HERMAN NORCROSS	HOFFMAN	HOFFMAN GRAIN	[PROTECTED DATA BEGINS…	HUMBOLDT	IVANHOE WILNO	JOHNSON	KARLSTAD	KENSINGTON	KERKHOVEN	LAKE BENTON	LAKE BRONSON	LANCASTER	LOUISBURG JCT.	[PROTECTED DATA BEGINS…	MARIETTA	MCINTOSH
12Jul2022	716	496.08	541.6				475.52	76.95	874.32	219.21	2142.96	530.4	151.4	351.6	293.88		157.68	635.36
13Jul2022	758.96	491.28	539.04				479.36	69.66	796.56	211.14	2253.36	553.44	147.96	334.4	387		153.04	635.44
14Jul2022	727.68	843.12	583.6				507.68	72.12	808.32	213.15	2246.16	550.2	145.44	371.6	392.04		159.36	680.88
15Jul2022	834.4	566.76	641.6				615.76	81.09	822.96	252.63	2619.6	645.48	183.24	342	454.92		179.68	724.48
16Jul2022	798.16	604.68	597.6				548.88	72.66	654.72	236.34	2358.24	563.52	171.28	293.92	410.64		188.48	660.48
17Jul2022	690.56	512.88	523.28				442.96	63.51	608.88	227.79	2163.48	491.4	154.84	283.2	369.36		154	635.12
18Jul2022	855.76	584.4	652.8				566.88	88.62	1043.52	285.75	2604.6	624.84	226.36	442.88	467.88		202.64	629.6
19Jul2022	942.64	649.92	727.36				690	103.41	861.36	294.27	2856.84	674.52	200.2	446.96	543		234.72	635.36
20Jul2022	756.16	527.28	656.24				552.88	77.76	821.04	254.43	2522.88	572.04	157.16	389.84	458.52		168.48	635.44
21Jul2022	798.24	557.28	584.88				547.52	77.79	814.32	249.24	2396.88	595.68	158.96	352.32	320.28		174.56	680.88
22Jul2022	837.44	531.36	603.6				536.24	79.59	761.76	245.43	2342.76	590.52	182.12	380.32	299.64		172.16	724.48
23Jul2022	796.08	516.48	571.68				541.36	74.82	642.24	245.19	2311.56	570	157.72	283.28	253.08		178.88	660.48
24Jul2022	694.56	417.24	502.08				442.56	61.5	546.72	192.36	1923.96	513.36	138.12	263.68	200.88		140.8	635.12
25Jul2022	698.64	433.8	530.8				468.08	65.52	783.84	212.82	2016.36	504.72	161.4	346.64	249.96		152.08	629.6
26Jul2022	686.64	571.08	531.92				455.12	64.95	814.08	204.96	2066.52	514.32	149.88	355.76	266.04		142.4	635.36
27Jul2022	677.12	479.4	531.76				455.76	65.97	742.56	204.3	2003.88	506.04	166.44	354.56	270		132	635.44
28Jul2022	643.04	512.52	537.92				451.52	59.94	736.08	197.34	1898.04	495.48	140.72	341.12	280.68		130.8	680.88
29Jul2022	666.24	493.8	519.36				441.12	60	689.04	216.03	1959	469.44	145.84	329.68	255.48		124.56	724.48
30Jul2022	666.96	421.08	484.72				428.32	56.07	577.92	177.3	1848.12	460.92	137.12	332.08	211.08		128.16	660.48
31Jul2022	701.28	439.8	532.88				448.4	65.34	661.68	211.11	2015.52	478.44	181.48	294.4	235.8		154.16	635.12
01Aug2022	715.6	488.52	547.04				483.6	74.61	755.04	381.36	2157.6	515.16	161.96	346.64	274.68		137.6	629.6
02Aug2022	791.04	466.92	560.8				517.92	74.7	756.24	381.36	2306.04	571.44	153.36	356.16	301.44		147.84	635.36
03Aug2022	810.32	531.24	648.96				570.4	76.59	838.32	381.36	2466.72	597.84	168.32	386.72	303.96		165.52	635.44
04Aug2022	724.8	729.72	526.08				469.44	58.95	760.56	381.36	2077.92	513.6	149.84	378.72	236.28		140	680.88
05Aug2022	793.92	477.6	542.32				518.88	75.42	811.68	381.36	2233.68	552.6	163.6	393.2	291		174.64	700.16
06Aug2022	781.12	453	538				529.52	81.93	584.88	381.36	2063.88	572.04	182.44	304.16	246.6		157.68	458
07Aug2022	643.44	362.64	459.68				416.72	65.31	519.6	381.36	1953.36	444.12	152.72	236.8	215.64		124.72	370.48
08Aug2022	633.52	421.68	500.64				416.96	55.26	722.64	271.92	2124.48	481.08	161.24	373.92	235.8		135.44	428.32
09Aug2022	652.56	436.44	516.16				439.2	59.7	840.72	218.34	2089.2	489.84	153.24	354.72	249		128.56	432.16
10Aug2022	725.2	523.2	572.16				510.16	77.04	737.52	239.91	2232.36	530.28	168.04	349.44	281.88		151.28	442.32
11Aug2022	763.92	463.08	549.28				525.12	62.1	747.84	222.69	2261.16	570	153.04	362	276.96		147.6	454.64
12Aug2022	735.84	476.16	556.24				537.84	62.25	822.48	233.58	2347.68	552.96	135.36	355.36	277.68		139.76	458.32
13Aug2022	725.52	427.08	531.52				590.72	64.23	560.88	211.44	2073	528.12	136.36	311.6	227.52		151.04	428.48
14Aug2022	640.8	370.08	484.8				456.08	54.87	598.32	178.98	1773.24	460.32	130.4	253.28	208.68		122.96	405.04
15Aug2022	712.16	457.68	606.72				490.24	66	822.24	231.09	2219.4	538.44	160.36	389.04	261.72		135.04	440.88
16Aug2022	707.84	483.36	550				488	64.92	903.84	213.36	2180.76	503.76	178.24	390.24	297.36		138.72	486.24
17Aug2022	740.16	501.24	551.28				466.16	65.97	866.16	220.95	2248.92	544.08	200.4	392	311.28		140.16	485.2
18Aug2022	796.16	509.88	566.8				489.36	75.3	857.28	253.62	2340.36	532.8	162.24	419.2	317.52		156.4	476.16
19Aug2022	692.8	474.84	545.76				452.48	68.22	766.8	222.36	2176.68	513.84	180.8	410	301.68		136.96	399.52
20Aug2022	602.64	414.96	487.44				403.92	58.74	588.24	197.1	1961.16	449.76	145.36	365.52	254.88		135.76	422.16
21Aug2022	592.8	385.92	473.2				377.44	56.07	570.48	191.43	1813.32	436.56	151.44	261.52	247.56		128.64	378.72
22Aug2022	776	472.8	510.96				467.12	71.94	834.24	223.98	2174.52	540.48	162.2	393.68	292.32		142.64	440.48
23Aug2022	796.48	485.04	539.28				517.6	69.75	869.04	258.3	2347.8	573.84	167.08	396.32	329.28		162.16	445.04
24Aug2022	766	522.84	572.64				544.8	76.8	883.2	274.47	2357.88	603.12	153.84	398.24	321		156.16	495.04
25Aug2022	756.88	490.32	539.92				496.56	64.86	841.2	231.93	2290.56	568.68	150.36	374.88	262.44		144.24	457.12
26Aug2022	668.72	469.68	580.32				458.88	60.9	808.32	227.34	2046.72	517.56	148.4	342	236.16		131.36	410.48
27Aug2022	660.88	434.16	490				462.16	67.08	635.52	216.72	2101.68	485.4	139.48	292.4	237.96		143.44	508.64
28Aug2022	656.96	416.4	499.2				443.52	59.52	646.56	204.09	2099.76	464.04	145.4	295.52	235.68		133.76	526.48
29Aug2022	721.12	460.2	534.48				483.28	70.83	887.28	234.03	2148.72	552.72	150.6	405.12	255.48		145.04	468.8
30Aug2022	665.68	471.36	525.44				448.64	60.33	833.28	217.8	1932.96	523.2	163.72	381.04	246.96		143.6	493.36
31Aug2022	710.32	450.6	541.28				487.28	65.58	846.48	223.53	2093.76	545.16	176.12	398.32	271.8		147.52	487.2
01Sep2022	761.12	470.28	594				515.6	70.2	897.12	224.22	2262.6	566.4	162.76	377.12	319.2		157.44	494.48
02Sep2022	817.2	548.16	582.08				552.08	75.72	828.48	229.23	2272.32	577.56	174.08	396.96	298.44		168.72	494.96
03Sep2022	605.04	408.96	456.32				411.44	54.39	597.12	213.48	1753.2	441.12	188.44	255.28	199.08		130.88	409.52
04Sep2022	599.6	367.44	524.8				397.04	54.12	566.4	200.67	1679.16	445.92	143.28	249.36	194.16		117.84	464.64
05Sep2022	640.8	386.04	457.04				403.44	54.36	618.72	188.28	1766.76	463.44	143.88	282	251.52		124.64	484.4
06Sep2022	746.48	485.52	572.96				498.08	77.94	871.44	243.75	2241.6	534.6	159.84	431.6	312.12		137.68	522.96
07Sep2022	752.96	503.88	590.08				515.68	73.08	878.16	308.04	2419.2	587.04	157.2	408.56	310.2		157.52	487.76
08Sep2022	838.96	546.96	660.64				570	77.13	831.12	308.04	2524.56	632.52	173.12	457.92	381		187.36	573.2
09Sep2022	706.08	483.6	600.4				500.32	70.17	722.88	308.04	959.28	534.72	155.04	398.72	252.72		149.68	470.4
10Sep2022	562.96	388.92	491.92				414.48	56.25	600.48	308.04	1643.04	462.48	145.88	325.76	211.44		133.68	444.48
11Sep2022	573.6	397.56	488.8				387.68	60.03	607.2	308.04	1511.28	456.6	165.92	287.28	206.88		124	407.2
12Sep2022	649.36	552.24	576.88				449.28	63.81	835.44	308.04	1831.92	554.4	184.76	415.36	258.72		136	470.88
13Sep2022	651.44	510.6	555.92				461.6	56.01	776.16	308.04	1897.2	526.08	169.08	366	258.36		132.4	443.84

Day	HENDRICKS	HERMAN NORCROSS	HOFFMAN	HOFFMAN GRAIN	[PROTECTED DATA BEGINS…	HUMBOLDT	IVANHOE WILNO	JOHNSON	KARLSTAD	KENSINGTON	KERKHOVEN	LAKE BENTON	LAKE BRONSON	LANCASTER	LOUISBURG JCT.	[PROTECTED DATA BEGINS…	MARIETTA	MCINTOSH
14Sep2022	667.92	543.72	547.6				455.6	59.91	735.6	308.04	1939.68	522	183.84	395.36	272.88		132.16	475.44
15Sep2022	784	500.88	578.32				518.16	68.76	752.4	308.04	2111.52	552.12	163.96	401.68	316.56		172.96	463.52
16Sep2022	695.92	474.72	558.48				471.76	72.42	723.12	308.04	2126.28	513.36	157.64	412.08	314.52		152.4	414.08
17Sep2022	608.96	401.04	518.8				428.56	52.77	571.44	308.04	1809.12	455.04	134.56	306.24	229.32		136.88	438
18Sep2022	592.24	397.44	493.44				417.2	59.04	563.52	308.04	1747.56	451.08	145.16	258	229.56		133.92	374.24
19Sep2022	675.36	504	583.84				457.44	61.95	777.12	308.04	1927.08	513.36	169.72	390.32	277.56		139.52	458.08
20Sep2022	739.44	469.8	594.48				491.92	72.48	756.96	308.04	2109.24	557.28	170.44	370	310.68		141.76	461.92
21Sep2022	674	507.72	567.2				456.16	66.54	764.4	308.04	1943.88	518.4	180.12	394	274.2		130.96	465.92
22Sep2022	639.04	543.24	588.56				443.76	60.81	764.4	308.04	1815.36	493.56	163.36	397.28	249.48		132.8	484.08
23Sep2022	620.24	505.08	578.4				445.68	62.76	753.84	308.04	1856.64	519.96	196.96	388.32	264.84		137.52	515.28
24Sep2022	553.44	462.36	543.84				403.76	55.74	590.64	308.04	1665.72	455.04	175.04	304.56	209.64		138.8	471.44
25Sep2022	558.16	426.24	532.4				391.2	56.82	657.84	308.04	1651.56	430.08	190	303.84	211.56		127.28	471.92
26Sep2022	664.16	521.64	594.4				464.72	58.02	787.68	308.04	1924.44	506.28	212.84	420.16	266.88		133.92	498.96
27Sep2022	646.24	533.4	579.92				444.64	59.49	777.84	308.04	1937.64	471.12	184.52	425.28	253.68		136.8	512.64
28Sep2022	710.16	591.6	584				499.12	58.89	767.04	308.04	1944.6	510.96	192.12	407.12	244.56		140.56	532.08
29Sep2022	679.12	580.8	566				495.12	52.47	716.16	308.04	2004.84	501.12	159.16	411.12	265.2		129.28	482.8
30Sep2022	681.28	532.44	537.12				451.84	61.14	671.28	308.04	1957.44	511.92	154.92	398.08	287.16		125.2	457.68
01Oct2022	624.48	511.08	495.52				403.6	57.96	612.48	308.04	1787.28	430.2	169.6	305.6	225.6		123.04	421.04
02Oct2022	549.52	432.36	565.68				408.96	54.66	646.32	308.04	1699.56	415.44	153.76	249.28	227.16		121.28	406.72
03Oct2022	648.64	678.36	573.2				452.56	63.87	729.36	308.04	1961.4	500.04	170.72	379.52	288.84		136.8	471.04
04Oct2022	662.64	642.48	571.28				462.96	72.48	712.08	308.04	2026.08	498.96	165.84	398.88	278.28		140.16	476.32
05Oct2022	656.32	748.68	582.16				453.76	95.82	813.6	308.04	1998.84	506.76	182.12	423.84	257.04		138.32	454.56
06Oct2022	666.4	952.8	576				516.24	101.07	868.56	308.04	1901.16	497.52	214.12	438.96	288		137.12	532.32
07Oct2022	739.36	1082.88	647.44				531.92	172.53	928.08	308.04	1927.92	565.2	238.72	434.96	304.32		155.04	553.12
08Oct2022	725.04	951.36	655.76				422.64	195.63	704.64	308.04	1884.36	533.76	195.76	297.2	282.6		150.56	497.44
09Oct2022	655.76	927.72	645.76				445.92	172.56	714.96	308.04	1838.64	537.24	195.4	310.56	267.72		161.12	470.64
10Oct2022	730.56	1042.8	668.32				486	191.82	775.92	308.04	2030.16	528.96	184.72	394.56	302.16		167.12	509.2
11Oct2022	690.4	1040.04	570.32				460.24	156.39	749.52	308.04	2108.64	516.96	200.04	405.44	297.84		144.56	485.84
12Oct2022	696.4	1187.52	625.2				487.52	109.77	923.76	308.04	1868.76	510.24	228.2	493.12	294.72		170.72	593.92
13Oct2022	774.32	1181.4	751.84				555.12	125.88	995.52	308.04	2071.8	604.8	274.76	607.2	360.96		199.84	739.36
14Oct2022	920.48	1364.04	787.44				578.24	188.79	920.88	308.04	2199.36	616.08	260.48	458.72	469.32		185.12	743.76
15Oct2022	925.04	1239.48	680.56				500.72	198.87	835.68	308.04	2229.24	585.84	243.48	387.2	420.96		175.2	679.04
16Oct2022	688.4	1269	722.72				506.96	169.65	941.04	308.04	2090.04	541.92	293.32	366	434.88		179.68	781.68
17Oct2022	868.56	1422.72	940.64				640.32	142.98	1013.76	308.04	2297.4	649.56	277.36	629.52	467.4		215.52	821.84
18Oct2022	1111.84	1380.6	1088.24				624	135.21	1000.8	308.04	2313.6	626.64	284.44	579.28	584.16		227.28	820.8
19Oct2022	1091.6	1162.68	1003.84				578.08	125.79	889.44	308.04	2332.92	614.88	229.08	454.24	519.48		189.76	767.28
20Oct2022	781.6	1079.52	926.72				509.2	97.53	818.88	308.04	2232	525.6	231.6	408.24	497.64		176.24	658.72
21Oct2022	699.84	1070.52	801.04				469.52	90.03	742.8	308.04	2097.48	507.24	204.4	426.88	437.4		160.16	557.28
22Oct2022	622	879.6	725.36				465.04	95.85	728.88	308.04	2028.12	468.96	212.68	343.28	451.56		160.32	646.32
23Oct2022	585.44	842.76	738				420.08	87.6	723.84	308.04	1934.64	438.96	213	322.96	390.24		182.64	640.72
24Oct2022	689.2	893.16	605.68				484.48	67.35	863.04	308.04	2015.16	533.16	192.6	604.48	424.32		165.2	682.64
25Oct2022	749.04	962.76	735.92				520.16	97.44	1005.12	308.04	2114.88	531.6	267.52	652.4	393.72		168.56	766.72
26Oct2022	788.48	906.48	890				517.84	77.13	960.48	308.04	2148.36	545.04	273.16	555.36	365.16		167.28	812.56
27Oct2022	743.68	934.68	763.68				541.52	89.1	922.8	308.04	2277.36	607.92	227.36	585.04	337.92		176.24	778.56
28Oct2022	768.4	827.16	713.52				500.24	77.04	799.92	308.04	2061.24	530.88	214.32	404.88	295.2		148.8	684.08
29Oct2022	875.36	714.12	625.52				456.8	84.96	812.16	308.04	2019.84	534.48	211.04	314.08	302.52		162.56	706.56
30Oct2022	675.6	734.28	738.88				464.08	83.01	786.24	308.04	2022.36	528.36	208.84	333.04	241.68		155.68	618.48
31Oct2022	737.36	726.36	822				484.08	74.43	931.2	308.04	2103.12	522.24	236.84	615.12	333.6		153.84	704.96
01Nov2022	719.36	728.04	648				467.68	69.6	783.36	308.04	2138.76	480.48	216.12	434.8	279.96		146.16	611.52
02Nov2022	717.44	718.56	658.72				462.8	77.22	755.52	308.04	2186.52	517.92	200.44	406.88	291.36		148.16	656.08
03Nov2022	713.12	834.24	725.28				476	84.72	1087.68	308.04	2058.84	537.6	247.92	453.6	303		153.36	825.36
04Nov2022	783.44	918	858.56				518.08	82.5	1126.8	308.04	1988.16	595.92	270.52	550.32	355.32		173.76	725.28
05Nov2022	760.08	1027.56	762.48				511.92	81.72	952.32	308.04	2072.88	580.2	269.92	428.16	287.04		183.44	693.68
06Nov2022	729.84	883.56	884.64				530	78.63	1017.12	308.04	2189.52	619.56	268.28	382.72	243.12		198.16	740
07Nov2022	933.92	985.8	1033.92				653.36	105.48	1261.68	308.04	2500.8	807.96	301.48	726.88	442.56		263.68	840.32
08Nov2022	788.08	850.68	804.88				614.88	108.12	1104.72	308.04	2429.76	699.24	300.76	677.84	306.72		222.24	713.76
09Nov2022	775.36	888.48	765.36				571.12	85.89	1288.8	308.04	2251.68	646.56	289.48	655.28	301.8		214.8	744.88
10Nov2022	846.32	1007.76	860.88				614.64	94.53	1444.08	308.04	2433.36	700.2	339	760.08	325.08		225.44	888.24
11Nov2022	1023.04	1212.72	1052				703.68	128.49	1424.64	308.04	2848.44	934.68	380.16	828.32	383.88		292.64	954.64
12Nov2022	960	1183.56	1122.4				699.44	150.84	1286.88	308.04	2678.28	907.92	364.8	717.52	399		307.84	910.64
13Nov2022	911.84	1136.52	1122.32				653.28	145.95	1331.04	308.04	2651.28	841.68	353.96	701.84	411.72		284.24	951.36
14Nov2022	1009.12	1087.44	1089.2				723.04	121.68	1416	308.04	2760	882.6	320.76	768.48	405.84		244.32	811.6
15Nov2022	967.52	1250.76	1034.4				738.08	93.78	1384.56	308.04	2594.28	858.24	322.92	755.68	387.6		244.24	910.72
16Nov2022	1012.08	1243.2	1150.8				725.12	113.37	1430.4	308.04	2720.16	834.24	370.32	819.52	411.24		290.16	900.32

Day	HENDRICKS	HERMAN NORCROSS	HOFFMAN	HOFFMAN GRAIN	[PROTECTED DATA BEGINS…	HUMBOLDT	IVANHOE WILNO	JOHNSON	KARLSTAD	KENSINGTON	KERKHOVEN	LAKE BENTON	LAKE BRONSON	LANCASTER	LOUISBURG JCT.	[PROTECTED DATA BEGINS…	MARIETTA	MCINTOSH
17Nov2022	1017.92	1306.32	1162.8				772.72	124.29	1458.48	308.04	2833.8	936.24	380.64	819.2	417.84		278.4	1027.68
18Nov2022	1127.44	1276.56	1245.84				764.8	143.1	1522.32	308.04	2866.92	984.36	396.76	788.88	472.44		307.04	1108.16
19Nov2022	1011.36	1312.8	1225.92				730.8	145.17	1537.44	308.04	2885.4	894.36	413.68	806.8	401.76		302	1107.36
20Nov2022	964.96	1068.96	1125.12				702.08	115.5	1342.56	308.04	2667.24	879.48	361.24	767.84	293.76		237.28	971.2
21Nov2022	984.24	1223.16	1186.8				730.08	132.03	1368.48	308.04	2775.96	802.92	348	703.44	394.68		268.08	948.24
22Nov2022	916.32	1212.48	1037.52				622.16	100.35	1373.28	308.04	2463	717.84	329.96	734.32	359.64		205.04	806.48
23Nov2022	873.92	1054.44	898				611.2	97.71	1233.36	308.04	2502.84	682.44	291.8	713.28	346.44		209.84	725.2
24Nov2022	795.92	896.88	854.24				566.4	101.01	1149.36	308.04	2453.4	677.76	274.92	581.68	251.88		215.04	705.28
25Nov2022	913.76	869.4	864.8				584.64	106.53	1153.92	308.04	2416.08	688.44	300.52	613.2	260.52		192.24	730.32
26Nov2022	855.92	890.4	831.92				542.24	107.04	1067.28	308.04	2297.88	683.88	293.64	568.4	236.28		231.52	735.28
27Nov2022	873.12	995.16	959.92				614.72	117.51	1201.2	308.04	2405.64	734.04	319.24	513.68	287.28		251.84	803.04
28Nov2022	981.92	1047.48	931.76				654.24	109.11	1405.92	308.04	2558.28	766.92	333.28	759.36	356.4		208.96	841.92
29Nov2022	969.28	1290.6	1118.96				792.48	138	1541.28	308.04	2798.88	859.8	375.28	676.08	420.24		276.32	985.36
30Nov2022	1134.4	1355.16	1212.48				782.8	132.33	1589.76	308.04	3025.92	939.12	429.32	746.72	422.88		302.48	1085.2
01Dec2022	1052.88	1349.28	1047.04				750.16	112.17	1339.44	308.04	2981.4	926.76	375.64	780.56	384.6		245.52	990.48
02Dec2022	1015.52	1171.56	1003.6				704	136.29	1818	308.04	2837.76	853.8	385.68	733.28	375.12		254.8	1018.48
03Dec2022	1068.48	1119	1143.76				756.72	140.34	1560.24	308.04	3160.92	1008.12	439.48	890.8	331.92		282.16	1221.28
04Dec2022	950.16	935.76	1009.2				678.56	113.55	1495.44	308.04	2841.12	870.6	379.44	785.2	312.72		246.96	970.4
05Dec2022	1017.52	1269.6	1112.4				786.4	134.07	1655.52	308.04	3010.56	885	371.88	879.36	430.2		268.4	1017.44
06Dec2022	1075.36	1177.08	1266				752	122.58	2019.84	308.04	2968.44	858.12	459.68	978.8	425.16		249.2	1087.84
07Dec2022	1171.12	1371.12	1284.8				793.28	133.83	1985.52	308.04	2887.2	921.48	464	1020.32	462.48		309.6	1091.36
08Dec2022	1032.08	1242.24	1156.88				735.2	117.18	1581.36	308.04	2892.36	882.12	413.12	708.16	420.48		287.92	987.28
09Dec2022	984.72	1125	1135.92				748	120.9	1371.36	308.04	2845.68	890.16	370.16	788.96	418.92		262.08	907.52
10Dec2022	910.4	984.24	1053.36				681.2	113.85	1224.48	308.04	2685.96	822.36	331.64	656.4	356.28		272.64	768.72
11Dec2022	906.64	1058.64	1059.12				735.44	148.11	1241.04	308.04	2817.36	880.08	317.4	612.64	412.8		317.04	753.76
12Dec2022	1058.4	1083	1052.56				788.08	146.43	1344.72	308.04	3061.32	980.4	350.96	713.28	422.52		324.08	932.96
13Dec2022	992.32	1074	1022.56				742.64	147.54	1330.8	308.04	2878.2	897.48	334.24	752.48	381		110.8	837.28
14Dec2022	975.6	1002.36	978.64				745.84	124.77	1255.44	308.04	2757.84	877.2	326.32	696.32	399		243.6	814.4
15Dec2022	965.2	1038	1014.32				738.48	147.72	1344.48	308.04	2727.84	903.12	313.32	732.8	374.76		282.48	876.88
16Dec2022	1074.4	1227.36	1061.84				806.72	163.29	1506.24	308.04	2897.64	999.96	369.2	800.88	438.6		327.04	912
17Dec2022	1066.96	1294.92	1222.08				773.44	169.38	1573.2	308.04	3012.36	1029.12	379.2	796.08	460.44		377.84	997.84
18Dec2022	1175.36	1299.24	1275.52				865.44	165.3	1606.8	308.04	3313.32	1110.72	428.52	839.52	429.36		350.64	1081.52
19Dec2022	1265.52	1440.48	1086.4				894	153.42	1698.96	308.04	3262.68	1137.84	443.76	838.4	526.2		317.2	1064.64
20Dec2022	1390.08	1538.64	1311.12				908.24	159.87	2028.72	308.04	3516	1158.84	484.08	970.72	568.92		74.32	1279.76
21Dec2022	1413.2	1717.56	1373.12				981.2	178.92	2026.08	308.04	3625.32	1281.24	513.76	916.24	592.56		421.36	1292.88
22Dec2022	1440.08	1645.2	1493.68				1082.72	224.82	2055.12	308.04	3806.52	1394.88	518.84	1048.56	604.92		467.2	1318.24
23Dec2022	1502.08	1652.4	1462.56				1104.8	242.94	1824.24	308.04	3951.24	1461.48	522.08	849.6	609.72		468.88	1398.16
24Dec2022	1421.52	1460.28	1421.12				1047.52	195.99	1977.36	308.04	3827.4	1320	505.84	991.84	578.4		457.92	1419.36
25Dec2022	1350.08	1409.28	1337.76				963.04	187.62	1821.12	308.04	3565.56	1253.88	474.96	955.68	572.28		404.96	1229.76
26Dec2022	1294.16	1313.64	1310.88				936.48	167.52	1782.24	308.04	3388.2	1136.16	471.8	937.84	479.04		342.96	1089.92
27Dec2022	1256.48	1212.48	1172.24				848.88	150.15	1511.04	308.04	3228.36	1048.68	415.76	696.48	469.92		270.88	950
28Dec2022	1053.84	1074.48	989.52				761.04	116.61	1413.6	308.04	2757	931.32	378.2	642.96	387.12		225.12	855.84
29Dec2022	964.72	1314.36	1059.36				758.64	145.02	1553.28	308.04	2916.72	878.04	373.4	648.56	442.8		262.72	895.28
30Dec2022	1088.72	1149.84	1131.52				778.64	137.37	1462.8	308.04	2795.16	946.32	422.6	802.48	426		322.72	957.6
31Dec2022	922.4	1069.08	1014.8				716.56	131.61	1394.4	308.04	2798.64	896.64	380.08	769.2	363.96		272.08	951.76
					…PROTECTED DATA ENDS]											…PROTECTED DATA ENDS]		

Day	MENTOR	MIDDLE RIVER HOLT	MILLERVILLE LEAF VALLEY	MILTONA NORTH TAP	[PROTECTED DATA BEGINS…	MURDOCK	NASSUA	NEW FOLDEN OTP SHARE	[PROTECTED DATA BEGINS…	NIELSVILLE OTP SHARE	OGEMA WHITE EARTH	[PROTECTED DATA BEGINS…	OSLO MANVEL
01Jan2022	776.61	913.8	616.8	844.44		614.28	211.22	526		0	1075.68		1637.88
02Jan2022	752.7	887.52	587.4	851.76		639.3	185.92	526		0	1034.4		1764
03Jan2022	655.29	594.66	506.7	807.12		580.92	158.76	526		0	995.16		1658.64
04Jan2022	726.06	807.24	590.04	743.16		527.1	169.14	526		0	900.48		1604.16
05Jan2022	751.8	828.84	689.88	902.52		603.6	214.12	526		0	1081.68		1793.76
06Jan2022	754.02	712.5	572.7	972.96		602.16	212.02	526		0	980.04		1794.72
07Jan2022	847.95	906.6	716.94	1036.32		639.42	210.32	526		0	1034.82		1839.36
08Jan2022	660.09	755.04	516.6	750.96		565.08	165.1	526		0	856.98		1518.48
09Jan2022	694.86	857.1	633.9	915.12		592.5	192.92	526		0	1035.06		1646.52
10Jan2022	760.92	914.88	696.48	968.28		642.72	191.88	526		0	1055.46		1802.28
11Jan2022	558.09	672.9	491.76	754.68		520.38	142.62	526		0	846.48		1345.44
12Jan2022	560.04	640.14	493.86	695.28		591.78	137.88	526		0	815.16		1319.28
13Jan2022	621.39	651.84	530.4	779.4		493.02	154.4	526		0	887.34		1378.92
14Jan2022	700.98	740.1	628.62	765.24		520.26	172.44	526		0	928.2		1555.8
15Jan2022	673.56	804.78	562.08	794.52		510.6	174.7	526		0	867.42		1615.56
16Jan2022	525.84	552.78	421.8	710.52		456.78	138.58	526		0	747.24		1242.12
17Jan2022	455.25	662.04	474.3	711		486.9	139.7	526		0	812.16		1311.96
18Jan2022	592.83	657.48	534.78	708.6		581.22	142.86	526		0	899.22		1346.16
19Jan2022	788.19	610.74	543.72	890.04		639.9	167.08	526		0	1074.72		1553.16
20Jan2022	811.02	878.28	651.96	957.24		639	179.12	526		0	974.82		1649.52
21Jan2022	654.18	820.02	531.18	717.36		576.3	198.6	526		0	942.3		1496.64
22Jan2022	635.79	815.04	585.42	864.48		584.22	182.26	526		0	926.04		1573.44
23Jan2022	689.52	924.18	595.86	908.64		602.28	193.04	526		0	1003.68		1606.68
24Jan2022	692.58	851.16	666.42	881.76		642.9	180.5	526		0	1064.52		1744.92
25Jan2022	736.44	881.7	675.9	998.52		675.12	232.66	526		0	1070.16		1614.96
26Jan2022	576.36	739.38	553.92	771.24		566.34	199.12	526		0	866.7		1346.76
27Jan2022	696.87	788.94	598.2	800.4		611.34	184.94	526		0	1002.9		1599.84
28Jan2022	610.02	742.56	564.72	791.52		578.34	174.54	526		0	937.86		1427.64
29Jan2022	534.99	740.82	487.38	699		495.24	152.5	526		0	799.32		1333.32
30Jan2022	551.13	769.14	506.4	726.6		557.1	148.88	526		0	878.64		1330.56
31Jan2022	543.81	722.76	538.68	771.48		547.86	160.3	526		0	877.62		1379.76
01Feb2022	615.54	773.1	674.22	895.56		639.78	165.98	526		0	998.7		1461.12
02Feb2022	766.2	660.6	665.28	923.04		639.66	200.5	526		0	1109.94		1604.88
03Feb2022	711.18	939.9	692.4	940.68		656.46	204.04	526		0	1082.22		1669.2
04Feb2022	663.39	848.4	591.96	839.16		628.8	206.76	526		0	998.52		1600.56
05Feb2022	576	808.2	544.98	738.72		542.52	157.46	526		0	980.16		1454.16
06Feb2022	539.94	783.42	555.66	734.64		566.1	159.32	526		0	935.64		1428.24
07Feb2022	509.28	741.6	538.98	779.76		526.86	166.92	526		0	914.58		1500.24
08Feb2022	443.7	601.98	470.46	638.64		462.96	170.5	526		0	792		1187.16
09Feb2022	588.72	679.8	547.32	757.32		521.34	177.68	526		0	861.9		1379.4
10Feb2022	520.23	675.6	471.54	724.08		521.46	140.48	526		0	800.34		1210.8
11Feb2022	681.99	843.42	651.6	828		606	183.56	526		0	1022.52		1685.4
12Feb2022	652.53	891.66	568.56	945.24		591.54	198.24	526		0	973.14		1534.68
13Feb2022	703.53	978.78	638.34	922.2		616.74	189.54	526		0	1085.16		1674.84
14Feb2022	621.45	656.46	572.52	841.44		594.06	181.66	526		0	977.1		1592.52
15Feb2022	547.83	764.88	575.76	733.32		494.28	159.2	526		0	842.82		1378.2
16Feb2022	599.67	766.32	573.18	775.08		567.06	171.5	526		0	974.16		1529.16
17Feb2022	673.71	824.76	649.14	845.04		592.32	176.74	526		0	982.14		1586.64
18Feb2022	672.93	840.06	643.56	847.56		573.3	158.86	526		0	1060.56		1511.04
19Feb2022	644.73	777.66	577.32	778.2		542.28	162.68	526		0	931.08		1392.72
20Feb2022	521.28	693.9	481.68	625.2		487.62	140	526		0	748.5		1452.72
21Feb2022	778.05	998.04	681.36	953.28		589.14	166.76	526		0	1050.48		1861.8
22Feb2022	746.37	896.94	671.1	907.44		610.44	192.8	526		0	1092.18		1858.68
23Feb2022	592.56	778.86	604.92	876.84		594.96	196.36	526		0	999.96		1615.44
24Feb2022	617.19	838.62	629.4	837.24		575.04	176.76	526		0	981.78		1584.72
25Feb2022	605.1	854.04	547.5	754.8		603.72	183.82	526		0	925.56		1435.92
26Feb2022	459.75	689.7	440.1	693.72		510.36	137.14	526		0	819.84		1078.68
27Feb2022	456.99	711.84	412.38	701.64		505.56	144.62	526		0	762.06		1135.8
28Feb2022	415.65	634.08	500.04	621.36		442.5	133.66	526		0	783.96		1226.28
01Mar2022	499.35	623.34	455.04	643.44		421.26	143.72	526		0	791.34		1311.36
02Mar2022	458.25	646.14	463.98	675.48		474.96	142	526		0	824.88		1315.2
03Mar2022	514.92	720.66	510	732		447.18	159.56	526		0	904.56		1309.44
04Mar2022	517.08	720.72	504.48	651.6		425.04	161.82	526		0	822		1280.64
05Mar2022	450.51	566.64	398.76	641.76		428.76	129.86	505.5		0	687.24		1048.56

Day	MENTOR	MIDDLE RIVER HOLT	MILLERVILLE LEAF VALLEY	MILTONA NORTH TAP	[PROTECTED DATA BEGINS…	MURDOCK	NASSUA	NEW FOLDEN OTP SHARE	[PROTECTED DATA BEGINS…	NIELSVILLE OTP SHARE	OGEMA WHITE EARTH	[PROTECTED DATA BEGINS…	OSLO MANVEL
06Mar2022	502.17	631.26	404.22	681.84		449.7	147.98	526		0	760.44		1125.96
07Mar2022	487.02	631.74	511.32	718.8		468.96	151.6	526		0	860.94		1217.76
08Mar2022	447.54	644.76	528.54	721.32		533.82	152.48	526		0	872.46		1296
09Mar2022	512.58	707.1	581.28	781.08		582.54	152.62	526		0	866.88		1406.64
10Mar2022	516.48	749.94	560.76	745.8		542.7	149.5	526		0	921.84		1483.8
11Mar2022	647.55	832.02	624.96	787.56		540.12	169.72	526		0	981.78		1593
12Mar2022	609.99	696.06	504.06	669.72		495.6	154.92	526		0	879.54		1332.48
13Mar2022	423.81	657.42	380.16	610.44		433.38	120.14	526		0	770.52		1194.72
14Mar2022	384.99	602.7	414.96	615.24		375.84	132.68	526		0	741.96		1188.36
15Mar2022	375.45	553.74	385.26	569.88		353.22	115.6	526		0	614.16		999.96
16Mar2022	285.57	470.04	400.68	537		340.44	110.86	521.06		0	599.7		970.2
17Mar2022	332.7	508.98	331.56	540.72		340.98	116.94	525.62		0	686.04		958.68
18Mar2022	342.87	508.5	342.72	484.2		319.14	104.8	451.92		0	547.68		899.4
19Mar2022	341.31	483.66	326.76	492.24		283.5	103.94	454.02		0	560.7		898.08
20Mar2022	306.57	479.28	344.46	555.48		301.74	91.22	456.24		0	615.12		935.04
21Mar2022	274.74	465.96	342.72	519.96		288.24	99.5	495.66		0	560.4		915.72
22Mar2022	334.35	495.72	413.94	592.2		402	118.44	512.42		0	646.02		988.8
23Mar2022	400.65	543	409.32	648.12		398.52	123.4	524.72		0	723.48		1050.48
24Mar2022	288.75	468.72	354.36	471.96		335.16	103.14	516.96		0	587.52		920.16
25Mar2022	467.19	595.68	414.06	621.96		383.94	115.64	526		0	782.94		1134.6
26Mar2022	465.54	661.44	443.94	609.6		367.26	124.9	526		0	753.6		1226.16
27Mar2022	432	646.08	398.94	591.84		373.62	124.42	523.16		0	754.14		1073.28
28Mar2022	432	602.88	452.22	630		392.88	138.54	526		0	733.74		1048.8
29Mar2022	386.25	534.72	425.88	605.64		408.96	127.32	517.94		0	678.54		1011.6
30Mar2022	455.52	595.92	450.96	594		396.24	128.66	525.62		0	812.46		1187.4
31Mar2022	348.42	520.92	400.92	576.36		385.08	122.78	521.48		0	692.22		882.12
01Apr2022	353.04	480.72	378.18	601.56		358.74	117.54	480.84		0	613.14		853.92
02Apr2022	463.5	532.68	361.2	569.4		308.28	96.08	443.94		0	656.7		934.2
03Apr2022	376.59	532.32	375.84	551.52		372.9	129.06	521.96		0	675.3		904.08
04Apr2022	307.35	475.32	348.96	576.6		453.3	118.12	495.84		0	629.76		901.08
05Apr2022	439.29	566.1	382.62	578.64		359.82	117.38	515.94		0	744.9		1077.84
06Apr2022	454.44	608.58	466.68	594		415.02	137.36	524.3		0	806.58		1166.76
07Apr2022	298.86	549.54	471.66	576.36		383.88	137.92	526		0	742.86		989.88
08Apr2022	364.38	487.02	370.26	601.56		296.22	114.58	486.66		0	613.14		851.04
09Apr2022	388.5	494.7	284.82	569.4		263.52	111.22	460.02		0	546.18		739.56
10Apr2022	317.22	509.46	328.08	551.52		285.12	111.76	458.28		0	500.58		803.52
11Apr2022	281.82	495.3	355.26	520.8		271.8	95.24	442.98		0	611.28		857.16
12Apr2022	327.48	576.12	419.28	585.12		328.98	115.42	525.44		0	729.54		1192.56
13Apr2022	353.01	604.14	475.92	659.04		368.1	132.34	526		0	781.8		907.32
14Apr2022	298.86	610.02	457.68	688.8		409.86	154.38	526		0	872.04		1098
15Apr2022	364.38	653.58	409.8	699.48		354.84	129.56	526		0	809.22		1070.88
16Apr2022	388.5	586.62	383.4	550.32		302.82	126.82	515.12		0	691.5		929.04
17Apr2022	317.22	544.92	382.8	590.88		343.26	122.2	517.52		0	750.3		972.24
18Apr2022	281.82	539.52	436.56	584.76		389.4	128.1	526		0	762.9		874.2
19Apr2022	327.48	556.02	408.9	586.68		388.44	130.18	526		0	692.4		1017.24
20Apr2022	353.01	517.14	357.12	549.48		322.38	88.62	515.3		0	686.64		938.88
21Apr2022	298.86	556.08	357.48	530.76		306.36	98.52	518.12		0	642.48		916.8
22Apr2022	364.38	557.28	381.66	528.36		295.14	98.84	511.62		0	635.22		1036.56
23Apr2022	388.5	529.38	274.32	420.84		235.02	81.16	480.54		0	536.58		952.2
24Apr2022	317.22	447.06	337.74	520.32		274.8	90.96	431.04		0	521.34		906.12
25Apr2022	281.82	634.26	381.54	635.16		380.22	109.28	526		0	746.94		1197.6
26Apr2022	327.48	534.96	395.52	587.16		322.56	108.78	491.82		0	679.68		918.24
27Apr2022	353.01	488.04	351.9	554.28		311.94	97	504.12		0	636.3		861.36
28Apr2022	298.86	491.76	345.36	576.84		307.26	96.26	477.6		0	582.18		834.48
29Apr2022	364.38	526.56	324.06	519.96		292.62	98.14	483.18		0	602.16		886.2
30Apr2022	388.5	514.56	328.14	475.68		281.34	88.7	449.76		0	550.14		887.28
01May2022	317.22	473.52	316.5	532.32		293.94	107.46	438.9		0	551.7		961.92
02May2022	281.82	507.72	327.78	510.72		300.12	105.86	518		0	626.88		937.8
03May2022	327.48	466.86	297.72	495.84		265.32	92.3	477.6		0	544.74		737.64
04May2022	353.01	375.9	310.98	491.88		383.1	89.86	432.06		0	507.12		786.12
05May2022	298.86	382.08	277.32	486.36		234.6	95.56	436.08		0	464.76		711.96
06May2022	364.38	362.04	232.44	429.72		250.8	71.24	353.04		0	472.5		569.16
07May2022	388.5	341.1	239.22	431.4		225.48	69.34	287.34		0	411.42		564.72
08May2022	317.22	326.88	246.12	381.96		190.68	67.94	309.6		0	375.24		461.4

Day	MENTOR	MIDDLE RIVER HOLT	MILLERVILLE LEAF VALLEY	MILTONA NORTH TAP	[PROTECTED DATA BEGINS…	MURDOCK	NASSUA	NEW FOLDEN OTP SHARE	[PROTECTED DATA BEGINS…	NIELSVILLE OTP SHARE	OGEMA WHITE EARTH	[PROTECTED DATA BEGINS…	OSLO MANVEL
09May2022	281.82	420.3	298.92	468.96		220.86	86.02	389.04		0	559.08		631.68
10May2022	327.48	355.02	275.94	425.64		268.8	76.62	405.66		0	460.26		714.72
11May2022	353.01	371.58	285.06	471.12		248.16	74	379.5		0	473.82		730.08
12May2022	298.86	394.38	0	466.44		75.6	0	394.38		0	497.16		771
13May2022	364.38	347.1	278.34	422.88		200.94	0	381.48		0	418.02		672
14May2022	388.5	397.2	227.4	385.68		169.92	59.96	317.46		0	410.76		592.68
15May2022	317.22	393.18	210.96	426		180.12	51.9	387.78		0	382.08		584.04
16May2022	281.82	347.16	293.22	466.08		272.94	62.54	407.34		0	464.7		684.48
17May2022	327.48	347.94	306.24	474		260.64	65.98	382.38		0	505.5		681.36
18May2022	353.01	362.88	285.06	451.08		245.16	68.58	360.72		0	500.82		642.36
19May2022	298.86	378.06	267.36	471.36		270.66	83.26	400.74		0	501.12		709.32
20May2022	364.38	460.44	256.44	460.2		238.56	79.86	441.54		0	560.16		781.68
21May2022	388.5	423.18	269.88	454.32		264.84	84.42	402.84		0	521.4		709.92
22May2022	317.22	376.86	257.16	459.6		285.72	76.74	372.12		0	497.82		631.2
23May2022	281.82	377.94	287.46	458.52		270.78	86.84	390.96		0	486.12		674.4
24May2022	327.48	340.74	274.26	426.48		303.9	83.02	391.38		0	448.8		646.2
25May2022	353.01	353.1	304.56	472.2		294.18	73.52	343.68		0	485.76		667.56
26May2022	298.86	327.96	259.68	421.44		267.42	80.02	379.32		0	465.42		680.88
27May2022	364.38	338.22	262.26	423.96		278.28	85.72	349.68		0	388.14		687.36
28May2022	388.5	314.94	214.5	365.04		195.12	75.82	294.18		0	368.58		485.28
29May2022	317.22	248.94	226.56	364.92		214.86	68.48	282.3		0	344.58		437.28
30May2022	281.82	253.38	201.72	326.64		259.74	0	276.42		0	442.86		438.96
31May2022	327.48	414.42	278.88	453.24		260.4	81.46	336.96		0	533.64		657.36
01Jun2022	353.01	357.24	298.44	457.44		237.48	75.54	397.2		0	464.4		646.8
02Jun2022	298.86	356.16	281.46	458.76		242.64	68.66	367.08		0	440.94		622.8
03Jun2022	364.38	328.26	247.14	426.36		221.4	64.48	375.72		0	397.32		594.72
04Jun2022	388.5	298.8	231.48	372.6		205.92	60	316.74		0	413.34		533.76
05Jun2022	317.22	289.74	208.14	375.84		187.32	62.14	287.7		0	351.54		495.96
06Jun2022	281.82	333.9	290.22	424.8		279.12	68.24	326.7		0	438.12		576.6
07Jun2022	327.48	326.7	308.04	427.68		262.92	59.64	343.86		0	485.04		627.96
08Jun2022	353.01	312.96	306	421.44		246.78	61.94	332.46		0	460.44		615.24
09Jun2022	298.86	321.72	337.5	402.72		272.58	63.82	317.46		0	477.48		594
10Jun2022	364.38	310.26	271.5	417.6		264	77.24	304.32		0	447.18		553.56
11Jun2022	388.5	281.7	231.06	374.88		203.76	61.7	258.48		0	364.92		466.56
12Jun2022	317.22	255.24	204.3	378.84		186.6	64.04	256.14		0	389.16		430.2
13Jun2022	281.82	290.58	361.92	453.96		381.84	82.16	320.58		0	511.32		593.64
14Jun2022	327.48	327.42	413.88	513.48		379.74	92.88	347.16		0	536.22		610.56
15Jun2022	353.01	312.18	315.42	495.84		298.14	94.04	324.48		0	513.36		600.72
16Jun2022	298.86	303	314.16	485.76		306.72	88.9	321.36		0	464.52		585.72
17Jun2022	364.38	313.8	289.32	425.16		312.48	90.62	301.2		0	460.56		549.96
18Jun2022	388.5	278.52	269.46	375.12		369.78	88.88	0		0	348.9		475.68
19Jun2022	317.22	262.92	264.84	423.36		218.34	110.56	282.36		0	383.28		560.76
20Jun2022	281.82	442.38	443.58	620.52		465.96	138.28	380.16		0	627.42		889.44
21Jun2022	327.48	360.66	40.32	539.28		339	107.04	340.44		0	505.2		677.88
22Jun2022	353.01	339.12	356.7	517.2		345.24	107.92	313.2		0	469.38		641.28
23Jun2022	298.86	315.36	360.48	495.12		329.64	78.58	337.2		0	522		583.08
24Jun2022	364.38	335.34	365.52	506.76		378.3	92.84	362.76		0	519.96		674.16
25Jun2022	388.5	278.76	290.64	400.32		227.7	76.44	304.02		0	442.92		497.04
26Jun2022	317.22	249.66	229.8	346.08		168.48	62.4	249.18		0	326.76		426
27Jun2022	281.82	303.84	321.06	438		284.94	86.16	305.82		0	461.28		651.6
28Jun2022	327.48	298.8	346.74	452.4		327.42	92.08	289.14		0	487.38		674.4
29Jun2022	353.01	340.2	349.98	459.36		311.52	91.24	285.66		0	453.96		659.04
30Jun2022	298.86	286.92	365.34	475.8		313.14	105.38	293.58		0	436.86		729.48
01Jul2022	368.37	327.9	446.1	438.12		297.6	91.22	283.14		0	457.62		604.32
02Jul2022	392.73	286.32	326.76	419.64		201.42	73.96	250.26		0	331.56		411.84
03Jul2022	320.67	250.2	244.02	426.6		168.3	77.14	240.24		0	358.26		391.08
04Jul2022	284.91	247.86	238.56	376.8		302.28	64.86	269.1		0	430.26		441.12
05Jul2022	331.05	304.38	357.42	464.28		338.16	76.26	306.9		0	510.3		574.32
06Jul2022	356.85	308.34	399.6	489.48		374.7	97.96	306.18		0	515.16		670.44
07Jul2022	302.13	325.8	509.34	488.4		335.88	101.48	321.84		0	536.76		701.16
08Jul2022	368.37	306.9	350.7	554.28		316.02	92.76	304.38		0	511.38		509.88
09Jul2022	392.73	276.78	253.2	497.64		206.1	77.82	283.26		0	382.5		471.96
10Jul2022	320.67	310.26	368.88	495.72		217.92	82.04	306.66		0	459.48		339.24
11Jul2022	284.91	317.34	409.26	503.88		325.32	86.32	319.38		0	567.48		656.16

Day	MENTOR	MIDDLE RIVER HOLT	MILLERVILLE LEAF VALLEY	MILTONA NORTH TAP	[PROTECTED DATA BEGINS…	MURDOCK	NASSUA	NEW FOLDEN OTP SHARE	[PROTECTED DATA BEGINS…	NIELSVILLE OTP SHARE	OGEMA WHITE EARTH	[PROTECTED DATA BEGINS…	OSLO MANVEL
12Jul2022	331.05	302.64	398.82	494.76		329.64	77.94	321.96		0	462.24		568.56
13Jul2022	356.85	310.02	459.42	510.84		320.76	100.8	312.06		0	500.04		553.68
14Jul2022	302.13	325.98	423.06	492.12		325.08	94.7	306.72		0	465.18		581.88
15Jul2022	368.37	302.22	455.04	563.16		356.1	104.5	303		0	440.52		528.24
16Jul2022	392.73	312.66	352.8	516.72		249.48	93.72	291.24		0	392.76		503.64
17Jul2022	320.67	260.22	248.88	448.92		190.08	92.38	265.38		0	386.04		451.68
18Jul2022	284.91	398.88	405.9	564.24		415.44	111.7	385.2		0	629.88		830.04
19Jul2022	331.05	419.58	428.46	587.28		363.72	124.82	405.6		0	529.8		462.96
20Jul2022	356.85	314.76	397.98	541.68		371.04	99.86	317.94		0	488.58		717.96
21Jul2022	302.13	323.34	390.06	543.72		348.18	103.38	317.7		0	481.92		686.64
22Jul2022	368.37	325.44	485.28	522		351.72	91.14	314.04		0	474.3		548.16
23Jul2022	392.73	275.76	345.48	550.56		225.12	95.64	295.56		0	383.22		465.6
24Jul2022	320.67	246.66	254.16	453.36		181.68	64.02	249.78		0	343.68		412.68
25Jul2022	284.91	309.84	344.22	465.24		305.22	84.94	295.02		0	475.68		597.84
26Jul2022	331.05	305.82	331.5	460.92		281.16	84.32	327.36		0	440.4		559.32
27Jul2022	356.85	306.9	309.18	451.32		280.74	85.18	303.66		0	431.34		670.44
28Jul2022	302.13	290.04	440.7	433.92		251.94	83.38	306.84		0	420.84		600.36
29Jul2022	368.37	292.08	416.22	448.2		266.7	80.7	289.2		0	439.68		539.64
30Jul2022	392.73	249.3	292.92	513.72		174.84	109.24	267.66		0	331.92		444.24
31Jul2022	320.67	280.56	307.14	472.32		183.9	105.6	296.76		0	359.52		500.76
01Aug2022	284.91	308.1	389.1	494.4		328.2	98.44	299.94		0	461.64		524.04
02Aug2022	331.05	304.68	439.74	519.36		344.64	128.12	313.98		0	471		561.24
03Aug2022	356.85	320.1	432.24	507.6		322.92	120.98	332.1		0	469.56		561.24
04Aug2022	302.13	282.66	445.56	503.88		306.36	112.18	291.6		0	415.8		596.28
05Aug2022	368.37	321.06	397.5	537.72		320.16	98.3	315.06		0	499.26		580.92
06Aug2022	392.73	270.72	324.84	505.32		250.02	86.98	246.6		0	380.1		451.68
07Aug2022	317.19	223.44	219.3	398.4		177.96	72.32	253.26		0	299.94		406.68
08Aug2022	251.16	269.7	347.16	413.16		321.9	58.18	299.28		0	472.38		550.32
09Aug2022	323.16	307.86	425.88	422.4		293.28	59.84	310.14		0	441.3		557.52
10Aug2022	308.88	289.32	471.24	574.8		326.64	70.6	2.52		0	437.1		511.08
11Aug2022	322.05	284.7	459.3	517.2		274.26	92.2	300.96		0	420.06		533.88
12Aug2022	279.9	319.62	406.56	442.92		282.78	85.24	308.04		0	418.98		525.72
13Aug2022	275.31	233.34	279.54	439.68		201.3	87.38	260.16		0	331.44		400.68
14Aug2022	274.11	224.7	299.16	367.32		176.28	76.68	235.44		0	326.82		385.68
15Aug2022	273.93	309.18	430.62	454.2		297.72	68.92	312.54		0	473.64		647.16
16Aug2022	332.94	335.34	416.4	531		316.2	69.62	337.14		0	460.92		732.48
17Aug2022	288.9	304.32	449.46	527.28		323.46	71.16	306.12		0	503.94		661.2
18Aug2022	291.48	329.58	427.44	485.28		324.96	74.38	349.5		0	449.46		580.68
19Aug2022	284.34	306.9	285.18	474.12		254.88	66.46	320.4		0	423.78		628.8
20Aug2022	263.13	280.02	243.96	403.2		182.1	57	279.12		0	330.78		432.72
21Aug2022	248.7	216.18	230.28	400.8		176.76	54.28	266.64		0	332.46		404.52
22Aug2022	279.03	308.4	346.62	443.52		289.2	61.78	327.6		0	503.22		645.24
23Aug2022	281.28	319.86	353.28	440.28		319.5	100.96	334.02		0	461.88		570.36
24Aug2022	288.72	324.42	376.68	539.88		324.3	118.38	383.52		0	469.98		547.08
25Aug2022	253.95	303.3	438.72	509.28		289.56	106.38	335.04		0	476.88		547.2
26Aug2022	276.18	275.28	355.26	501.24		259.08	66.26	321.36		0	453.6		522.36
27Aug2022	272.82	249.24	227.64	519.6		208.98	65.48	342.9		0	347.34		422.16
28Aug2022	281.76	238.86	366	407.28		189.24	61.58	339.48		0	375.42		426
29Aug2022	255.27	297.48	415.14	486.84		285.48	76.9	369.36		0	470.28		552.48
30Aug2022	307.38	285.6	361.14	493.68		275.28	87.5	362.7		0	453.12		566.88
31Aug2022	327.81	295.2	435.42	499.56		291.6	103.02	381.42		0	468.72		659.16
01Sep2022	328.59	298.02	464.28	517.68		327.72	115.2	328.8		0	447.84		618.48
02Sep2022	304.11	322.2	379.02	553.32		352.98	105.22	388.8		0	450.36		629.04
03Sep2022	260.94	252.12	230.58	482.28		209.94	70.4	336.9		0	339.96		465
04Sep2022	262.35	229.14	219.18	396.6		193.68	51.04	327.12		0	335.46		459
05Sep2022	265.05	243.72	244.5	347.16		261.3	79.9	328.08		0	478.5		486.84
06Sep2022	285.87	328.62	488.88	485.88		332.76	72.84	472.62		0	453.12		672.72
07Sep2022	276.45	305.1	438.48	562.08		358.08	98.68	469.98		0	468.72		641.76
08Sep2022	300.33	347.58	392.64	575.04		354.42	113.46	485.58		0	447.84		676.44
09Sep2022	270.63	304.62	319.5	439.8		276	81.96	432.36		0	450.36		590.04
10Sep2022	249.93	265.62	309.96	411.6		203.16	73.56	403.5		0	339.96		425.64
11Sep2022	240.93	258.78	333.18	414.6		215.04	71.5	390.9		0	335.46		431.04
12Sep2022	254.4	291.96	313.32	500.16		269.88	74.86	459.72		0	478.5		590.04
13Sep2022	278.91	296.16	337.44	492.96		259.02	66.28	504.48		0	453.12		603

Day	MENTOR	MIDDLE RIVER HOLT	MILLERVILLE LEAF VALLEY	MILTONA NORTH TAP	[PROTECTED DATA BEGINS…	MURDOCK	NASSUA	NEW FOLDEN OTP SHARE	[PROTECTED DATA BEGINS…	NIELSVILLE OTP SHARE	OGEMA WHITE EARTH	[PROTECTED DATA BEGINS…	OSLO MANVEL
14Sep2022	263.91	294.36	376.26	475.08		270.84	67.44	505.92		0	468.72		620.64
15Sep2022	311.19	312	357.3	544.32		315	76.78	374.4		0	447.84		558.84
16Sep2022	270.81	293.4	336.54	473.16		326.82	78.8	362.28		0	450.36		553.8
17Sep2022	233.34	250.02	276.66	395.88		203.16	67.76	317.04		0	339.96		443.76
18Sep2022	237.93	263.22	233.04	387.24		193.8	61.54	281.94		0	335.46		430.56
19Sep2022	266.4	315.12	351.96	459.36		276	76.98	418.38		0	478.5		561.36
20Sep2022	258.9	307.5	324.6	455.16		305.7	71.08	526		0	453.12		560.28
21Sep2022	260.97	329.28	326.76	426.72		288.42	65.98	526		0	468.72		601.68
22Sep2022	277.59	314.4	287.22	439.44		234.48	67.48	526		0	447.84		654.12
23Sep2022	304.77	382.38	303.36	442.44		249.12	66.3	505.98		0	450.36		591.84
24Sep2022	289.38	318.6	227.16	374.88		195.96	55.62	475.38		0	339.96		539.16
25Sep2022	271.65	315.66	212.34	361.68		172.62	58.18	459.48		0	335.46		599.76
26Sep2022	270.96	332.22	283.32	411.36		258.54	71.04	526		0	478.5		668.76
27Sep2022	280.56	323.58	278.88	446.28		282.9	61.1	526		0	453.12		705.6
28Sep2022	280.8	320.52	282.36	460.8		402.36	65.62	526		0	468.72		712.68
29Sep2022	271.47	299.4	313.74	430.2		396	75.34	526		0	447.84		610.32
30Sep2022	279.27	288.84	258.78	403.8		216.96	69.82	519.84		0	450.36		632.52
01Oct2022	242.97	265.74	213.9	360.6		200.94	66.96	470.28		0	339.96		495.96
02Oct2022	243.42	263.46	250.32	342.84		252.42	62.72	437.4		0	335.46		477.72
03Oct2022	257.82	293.7	302.76	450.36		273.3	66.16	518.96		0	473.16		631.32
04Oct2022	247.32	285.6	286.8	436.92		291.84	66.86	526		0	462.12		620.4
05Oct2022	267.69	300	289.62	441.12		307.02	68.06	526		0	451.08		627
06Oct2022	297.12	338.88	264.96	452.4		522.42	70.88	526		0	605.22		784.8
07Oct2022	319.02	325.2	258.48	440.64		521.76	79.4	526		0	516.24		780.12
08Oct2022	310.32	320.46	264.96	403.2		370.38	74.34	514.68		0	467.28		639.84
09Oct2022	307.05	308.82	253.38	407.76		455.28	72.82	480.24		0	404.52		725.76
10Oct2022	272.19	306.06	291.54	423		440.52	120.54	508.74		0	535.8		679.08
11Oct2022	250.86	287.1	280.86	437.88		822.24	112.36	515.1		0	504		670.68
12Oct2022	291.57	342.78	295.98	495.96		446.04	99.74	526		0	579.54		768.48
13Oct2022	347.64	400.98	382.44	567.84		615.66	96.34	526		0	601.2		923.16
14Oct2022	406.59	407.16	294.9	557.52		1002.36	86.1	526		0	645.66		877.68
15Oct2022	386.88	379.26	318.66	502.32		1009.08	91.22	526		0	543.18		786.96
16Oct2022	404.01	413.34	351.18	503.28		741	76.92	526		0	556.26		896.88
17Oct2022	374.94	455.88	377.52	630.48		685.68	98.94	526		0	665.28		1000.68
18Oct2022	373.44	507.84	366.78	591.36		818.58	110.64	526		0	644.16		934.8
19Oct2022	312.9	410.58	337.32	507.12		786	116.46	499.68		0	538.26		745.56
20Oct2022	314.64	387.3	318.84	519.12		1069.38	142.64	497.82		0	533.46		707.04
21Oct2022	289.23	369.84	324.6	445.92		1016.46	138.04	488.76		0	479.22		610.2
22Oct2022	328.23	362.88	299.04	416.88		832.8	133.7	491.88		0	436.98		639.6
23Oct2022	269.67	353.28	295.98	415.56		418.26	136.84	458.7		0	417.3		599.52
24Oct2022	282.06	303.48	360.6	485.52		1060.56	154.88	518.96		0	546.42		719.04
25Oct2022	387.54	489.96	388.92	512.16		934.5	177.12	526		0	610.92		931.8
26Oct2022	328.53	421.2	346.86	518.04		1112.64	139.5	526		0	550.56		911.4
27Oct2022	363.36	411.84	346.32	543.96		548.7	98.56	521.3		0	558.66		814.32
28Oct2022	294.96	383.58	282.42	454.2		485.52	77.58	526		0	477.18		721.08
29Oct2022	290.73	398.28	292.02	438.36		469.74	74.92	510.24		0	428.22		641.28
30Oct2022	291.51	358.98	264.48	461.88		517.02	65.3	481.14		0	472.56		682.2
31Oct2022	290.13	378.24	272.22	455.4		439.62	81.94	518.66		0	509.28		830.04
01Nov2022	285.57	341.04	279.36	437.88		469.86	80	493.74		0	501.36		738.6
02Nov2022	0	322.68	266.52	454.44		452.16	93.98	473.28		0	514.14		689.88
03Nov2022	355.95	450.12	353.46	490.2		482.82	96.4	507.9		0	588.36		825.36
04Nov2022	347.58	496.92	357.48	542.16		502.92	87.3	526		0	645.12		860.28
05Nov2022	327.78	460.5	348.18	502.2		447.36	82.94	515.18		0	594.36		877.68
06Nov2022	368.37	472.62	353.28	517.44		613.08	70.32	526		0	569.94		905.4
07Nov2022	451.2	569.1	406.38	569.28		586.56	108.26	526		0	757.26		1112.4
08Nov2022	398.79	508.32	331.26	569.16		338.7	87.46	526		0	629.16		958.8
09Nov2022	388.71	514.68	375.9	548.4		292.74	88.46	526		0	673.68		1054.08
10Nov2022	454.11	629.34	448.92	583.56		385.44	92.92	526		0	713.52		1173.84
11Nov2022	485.16	615.24	519	664.8		420.12	127.1	526		0	784.2		1193.88
12Nov2022	480.45	606.42	444.96	599.88		382.2	114.96	526		0	676.44		1152.12
13Nov2022	482.16	591.12	474	582.72		419.22	125.86	526		0	681.3		1120.8
14Nov2022	409.35	595.38	498.24	677.16		568.5	117.66	526		0	819.3		1199.76
15Nov2022	473.58	568.02	489.78	622.2		1018.26	113.98	526		0	806.04		1297.2
16Nov2022	508.05	614.58	507.36	697.2		553.2	134.12	526		0	802.86		1253.28

Day	MENTOR	MIDDLE RIVER HOLT	MILLERVILLE LEAF VALLEY	MILTONA NORTH TAP	[PROTECTED DATA BEGINS…	…PROTECTED DATA ENDS]	MURDOCK	NASSUA	NEW FOLDEN OTP SHARE	[PROTECTED DATA BEGINS…	…PROTECTED DATA ENDS]	NIELSVILLE OTP SHARE	OGEMA WHITE EARTH	[PROTECTED DATA BEGINS…	…PROTECTED DATA ENDS]	OSLO MANVEL
17Nov2022	476.64	611.82	542.34	754.92			651	147.14	526			0	849.3			1369.56
18Nov2022	525.63	691.68	562.92	743.04			638.04	138.56	526			0	842.16			1291.56
19Nov2022	505.68	713.58	534.54	648.36			664.26	131.3	526			0	818.34			1303.2
20Nov2022	429.6	609.48	386.76	609.72			569.28	128.78	526			0	747.36			1155.36
21Nov2022	499.62	556.8	513	660.72			1144.2	150.42	526			0	792.96			1251
22Nov2022	484.26	531.6	433.26	634.92			665.52	146.92	526			0	770.94			1128.96
23Nov2022	345.24	500.28	380.46	595.44			723.9	148.82	522.8			0	676.14			1116.96
24Nov2022	386.67	493.74	314.58	483.84			751.02	147.14	454.68			0	663.18			1019.76
25Nov2022	380.94	514.86	353.7	549.24			709.8	138.56	507			0	674.16			1043.52
26Nov2022	398.1	524.34	323.58	476.64			654.12	131.3	492.36			0	597.66			1001.88
27Nov2022	372.99	526.68	372.78	532.56			709.32	128.78	495.84			0	636.3			1020.84
28Nov2022	493.83	536.16	445.92	615.12			758.58	150.42	526			0	823.08			1289.28
29Nov2022	566.1	606.48	532.8	709.92			619.98	146.92	526			0	834.66			1349.4
30Nov2022	596.49	694.92	610.68	822.24			657	148.82	526			0	917.4			1564.68
01Dec2022	464.4	644.28	485.82	717.6			714.06	147.14	526			0	859.92			1260.48
02Dec2022	498.36	655.02	465.78	609			652.5	138.56	526			0	912.84			1508.04
03Dec2022	643.23	754.68	564.06	687.84			608.4	131.3	526			0	901.02			1394.4
04Dec2022	493.68	726.36	400.02	620.04			573.3	128.78	526			0	810.18			1195.92
05Dec2022	596.94	710.7	590.34	757.44			678.36	150.42	526			0	979.92			1518.48
06Dec2022	598.02	776.82	570.24	720.12			622.56	146.92	526			0	895.8			1632.72
07Dec2022	604.02	793.32	564.48	805.2			705.48	148.82	526			0	960.78			1612.68
08Dec2022	579	681.06	525.24	726.36			654.3	147.14	526			0	888.36			1458.84
09Dec2022	489.54	644.76	423.78	593.88			427.02	138.56	526			0	811.32			1226.16
10Dec2022	474.09	592.92	440.82	557.88			403.5	131.3	526			0	724.74			1119.12
11Dec2022	441.69	516.6	390.6	552.24			425.34	128.78	512.1			0	674.1			1096.2
12Dec2022	481.35	613.5	527.22	656.52			433.62	150.42	526			0	822.54			1194.84
13Dec2022	462.54	584.82	463.68	653.64			435.06	146.92	526			0	751.8			1147.8
14Dec2022	435.15	595.44	487.2	653.4			404.46	148.82	520.16			0	743.82			1019.16
15Dec2022	458.43	619.8	497.52	658.32			429.06	147.14	526			0	802.38			1096.32
16Dec2022	520.08	640.32	479.76	650.04			495.48	138.56	526			0	847.44			1251.48
17Dec2022	559.47	691.74	577.08	686.88			461.1	131.3	526			0	841.5			1386.6
18Dec2022	567.3	762.48	596.28	733.32			493.68	128.78	526			0	877.8			1465.92
19Dec2022	645.54	651.36	639.48	822.48			593.7	150.42	526			0	957.42			1590.84
20Dec2022	689.97	828.48	712.14	961.92			611.64	146.92	526			0	1090.02			1743.72
21Dec2022	744.27	979.32	746.28	959.28			612.06	148.82	526			0	1037.34			1805.28
22Dec2022	767.7	875.22	756.18	1006.8			633.72	147.14	526			0	1082.58			1779.96
23Dec2022	794.94	789.42	638.4	959.88			674.22	138.56	526			0	1031.04			1849.2
24Dec2022	706.71	881.82	695.58	845.88			585.96	131.3	526			0	1045.5			1653.72
25Dec2022	659.97	831.48	609.06	776.76			559.98	128.78	526			0	978.9			1605.36
26Dec2022	610.74	807.72	545.4	774.24			549.24	150.42	526			0	977.94			1629.84
27Dec2022	614.79	680.76	553.68	767.04			544.32	124.94	526			0	890.34			1358.16
28Dec2022	552.33	979.32	462.24	619.32			526.68	122.42	526			0	864.42			1261.8
29Dec2022	591.75	875.22	553.44	710.04			519.06	127.74	526			0	972.18			1295.88
30Dec2022	614.52	789.42	517.44	644.88			526.08	140.48	526			0	866.76			1375.92
31Dec2022	516.42	881.82	472.98	606.72			414.9	129.66	526			0	801.3			1245.96

Day	[PROTECTED DATA BEGINS…	OTTER OUTLET	OTTERTAIL	OTTERTAILRUSH LAKE	PARKERS PRAIRIE	[PROTECTED DATA BEGINS…	PELICAN RAPIDS WEST	[PROTECTED DATA BEGINS…	PERHAM SE	[PROTECTED DATA BEGINS…	PLUMMER	[PROTECTED DATA BEGINS…	RED LAKE FALLS SW	ROTHSAY
01Jan2022		1697.76	1765.08	2858.04	2808.24		2772.48		6456.48		571.72		1495.2	1349.04
02Jan2022		1679.28	1710.96	2668.56	2840.88		2840.28		6527.52		573.8		1474.08	1306.4
03Jan2022		1108.08	1359	2139.72	2255.52		2747.64		6394.56		480.92		1349.28	1145.52
04Jan2022		1257.84	1635.48	2329.68	2119.2		2771.52		6240.96		474.36		1306.72	1031.84
05Jan2022		1546.8	1872.36	2470.92	2028.48		2672.52		7167.36		555.64		1408.56	1407.04
06Jan2022		1512.48	1887.12	2627.04	2018.16		3184.2		4558.08		520.4		1390.08	1463.6
07Jan2022		1696.08	2139.6	2934.96	2471.52		3177.6		5813.28		568.08		1517.52	1433.36
08Jan2022		1354.56	1659.72	2292.24	2484		2451.84		5423.52		461.4		1236.16	1152.4
09Jan2022		1429.44	1877.64	2643.12	2841.12		2858.64		5249.28		540.24		1441.44	1322.48
10Jan2022		1430.64	1829.76	2690.88	2873.04		3061.68		5089.44		562.6		1539.36	1470.24
11Jan2022		1114.32	1536.72	2058.36	2569.92		2640.36		5564.64		417.68		1196.96	1029.92
12Jan2022		938.16	1296.48	1822.32	2476.56		2412.6		5451.36		406.4		1100.4	937.04
13Jan2022		1122.72	1498.56	2151.6	2631.36		2391.24		5409.6		446.72		1156.16	989.04
14Jan2022		1277.76	1793.04	2309.16	2801.76		2559.36		5526.72		488.96		1310.16	950.16
15Jan2022		1371.12	1754.16	2337	2711.76		2727.36		5653.92		446.56		1380.48	1041.6
16Jan2022		1207.92	1467.12	2092.8	2459.04		2395.92		5359.2		383.24		1066	952.24
17Jan2022		959.04	1404	1892.28	2068.08		2336.28		5297.28		392.48		1119.84	868.64
18Jan2022		873.84	1320.24	1755.48	2228.16		2363.64		6717.6		484.84		1117.28	1031.12
19Jan2022		1420.32	1591.56	2391.72	2353.92		2569.44		7131.36		516.32		1521.04	1368.08
20Jan2022		1473.36	1788.96	2521.56	2799.36		3100.68		7202.88		569.68		1495.12	1362.16
21Jan2022		1460.64	1799.76	2354.04	2472.72		2840.16		6230.4		460.8		1397.76	1071.36
22Jan2022		1476.96	1783.08	2534.04	2571.84		2615.88		6321.12		498.8		1336.48	1165.28
23Jan2022		1536.96	1874.28	2445	2689.68		2708.16		6422.88		554.84		1295.44	1255.68
24Jan2022		1332.48	1766.52	2330.04	2706.96		2858.52		7180.32		566.08		1485.44	1265.04
25Jan2022		1378.56	1924.44	2519.16	2874.48		3092.52		7306.08		522.28		1471.12	1314.56
26Jan2022		1275.84	1695.6	2127.6	2396.16		2759.04		6360		437.36		1229.92	963.68
27Jan2022		1108.32	1614.36	2101.68	2519.76		2607.36		6633.6		496.88		1286.48	1134.24
28Jan2022		1172.16	1714.2	2183.52	2493.12		2852.76		6407.52		464.48		1235.28	1153.92
29Jan2022		1147.92	1565.28	2141.28	2352		2382.72		6075.36		401.32		1171.04	1087.2
30Jan2022		1173.12	1462.8	2058	2353.68		2406		5969.28		477.56		1238.48	1053.2
31Jan2022		1117.68	1630.2	2133.12	2368.8		2559.96		6068.64		393.28		1145.68	929.2
01Feb2022		1214.64	1793.16	2277	2627.28		2763.24		6640.32		494.24		1334.24	1144.64
02Feb2022		1287.36	1897.8	2394.6	2744.88		3015		6953.76		698.12		1497.44	1227.6
03Feb2022		1391.76	1946.52	2393.76	2898.72		3171.48		6536.64		713.4		1521.44	1412.72
04Feb2022		1398.24	1829.64	2441.52	2678.64		2896.68		6348.96		541.8		1414.72	1287.2
05Feb2022		1387.68	1708.8	2346.6	2430.72		2708.64		5993.28		462.04		1267.2	1068.08
06Feb2022		1248.48	1620.36	2230.8	2433.36		2482.56		5689.92		450		1253.92	1087.44
07Feb2022		1104.72	1562.16	1931.52	2448.48		2606.88		6194.88		461.12		1207.68	1047.36
08Feb2022		829.44	1324.2	1650.84	2227.2		2468.04		5651.04		382.8		1096.8	858.56
09Feb2022		1050	1614.72	1929.36	2213.76		2347.8		6045.6		441.64		1246.4	931.76
10Feb2022		1094.64	1493.4	1871.52	2116.8		2435.76		5728.32		367.4		1083.12	875.76
11Feb2022		1417.2	1857.24	2363.64	2586.48		2422.68		6119.04		498.76		1302.08	1278.08
12Feb2022		1446.96	1831.68	2557.8	2705.04		2960.16		6388.32		493.88		1358.32	1181.52
13Feb2022		1461.36	1868.4	2576.76	2697.6		2777.4		6233.76		566.68		1403.2	1253.36
14Feb2022		1136.16	1490.28	2180.04	2457.84		2770.08		6247.2		525.36		1351.44	1175.28
15Feb2022		1152.72	1583.04	2188.56	2330.4		2616.72		5992.32		419.4		1208.88	888.48
16Feb2022		1024.32	1541.16	1948.68	2517.6		2765.28		6394.56		509.88		1293.84	912
17Feb2022		1210.08	1809.48	2220.96	2556.96		2922.48		6470.88		511.88		1418.96	1049.28
18Feb2022		1319.28	1790.4	2344.92	2680.56		2588.64		6370.08		510.48		1367.6	1169.68
19Feb2022		1408.08	1744.32	2327.76	2403.84		2745.96		5736.48		456.36		1247.04	1022.56
20Feb2022		1042.8	1419.12	1939.56	2066.64		2193.96		5219.04		438.56		1122.64	910.16
21Feb2022		1362.24	1825.32	2485.92	2648.16		2746.32		6425.76		537.12		1456.4	1220.48
22Feb2022		1428	2016.6	2491.08	2820.24		2886.72		6556.32		558.76		1505.6	1293.2
23Feb2022		1237.2	1641.24	2155.92	2646.24		2925.96		6582.24		507.68		1468.32	1205.2
24Feb2022		1229.28	1762.56	2115.12	2612.88		2949.72		6196.8		484.44		1356	1205.84
25Feb2022		1216.32	1721.64	2103.24	2429.52		2789.28		6182.4		508.72		1316.64	1106.4
26Feb2022		1026	1484.88	1937.76	2058.72		2476.44		5625.12		388.4		1114.48	789.92
27Feb2022		904.56	1376.76	1829.4	1949.04		2328.24		5408.16		374.96		1070.64	762.24
28Feb2022		768.48	1257.96	1643.76	2099.28		2498.88		5713.44		364.96		1099.2	691.68
01Mar2022		780.48	1261.68	1621.32	1907.76		2459.52		5563.2		349.6		1113.76	750.88
02Mar2022		827.28	1387.44	1670.64	2022		2258.52		5853.6		396.84		1171.2	852.88
03Mar2022		1010.88	1554.48	1705.92	2282.64		2723.52		5837.76		387.52		1262.8	876.16
04Mar2022		989.04	1637.28	1862.28	2082.24		2541.6		5465.76		375.36		1120.16	802.56
05Mar2022		870	1390.2	1744.8	1942.8		2114.28		5221.44		330.08		1002.48	681.36

Day	[PROTECTED DATA BEGINS…	OTTER OUTLET	OTTERTAIL	OTTERTAILRUSH LAKE	PARKERS PRAIRIE	[PROTECTED DATA BEGINS…	PELICAN RAPIDS WEST	[PROTECTED DATA BEGINS…	PERHAM SE	[PROTECTED DATA BEGINS…	PLUMMER	[PROTECTED DATA BEGINS…	RED LAKE FALLS SW	ROTHSAY
06Mar2022		964.08	1415.16	1776.12	2031.36		2264.28		5207.52		337.92		1099.36	858.4
07Mar2022		848.4	1490.76	1700.52	2111.04		2614.92		5698.56		364.96		1066.4	872.64
08Mar2022		841.2	1451.88	1709.16	2238.72		2397.96		5820.96		349.6		1221.76	884.8
09Mar2022		1060.32	1693.68	1894.08	2397.84		2657.52		6269.76		396.84		1175.84	884
10Mar2022		1019.52	1668.84	1872.6	2334.24		2700.12		5911.2		387.52		1299.44	899.12
11Mar2022		1292.88	1878.48	2253.96	2592		2879.28		6055.68		375.36		1419.36	1032.96
12Mar2022		1203.12	1732.2	2087.52	2156.4		2535.24		5559.84		330.08		1161.2	902.32
13Mar2022		873.12	1282.08	1645.2	1872		2101.92		5196.96		337.92		1073.36	732.72
14Mar2022		768.24	1271.88	1569.36	1852.08		2402.88		5454.72		364.96		967.76	683.68
15Mar2022		692.88	1276.08	1415.28	1707.12		2256.96		5253.12		349.6		950.48	685.76
16Mar2022		647.28	1250.04	1368.6	1813.68		2151.12		5141.28		396.84		929.28	557.28
17Mar2022		638.64	1243.56	1393.56	1750.08		2172.48		5215.68		387.52		917.2	572.24
18Mar2022		665.76	1290.48	1452.84	1564.8		2013.6		4932.48		375.36		808.16	576
19Mar2022		681.12	1214.4	1407.72	1495.68		1930.92		4804.32		330.08		772.72	525.04
20Mar2022		615.84	1101.36	1319.28	1515.84		1841.64		4833.12		337.92		857.52	543.76
21Mar2022		577.44	1154.16	1324.56	1526.64		1962.6		5077.44		364.96		836.4	555.76
22Mar2022		836.64	1320.24	1583.88	1896.24		2048.04		5387.52		349.6		944.4	661.36
23Mar2022		918.96	1447.32	1681.68	2140.56		2251.44		5498.4		396.84		924.8	745.68
24Mar2022		642	1194	1332.48	1622.16		2122.32		4813.44		387.52		891.76	566
25Mar2022		959.04	1490.04	1817.88	2015.04		2087.4		5398.56		375.36		991.6	759.28
26Mar2022		1026.96	1469.04	1871.64	2011.68		2276.64		5378.88		330.08		1057.6	795.68
27Mar2022		870.72	1290.84	1807.8	1956		2209.8		5286.72		337.92		1022.96	755.12
28Mar2022		849.12	1411.8	1776.36	1940.16		2260.92		5470.56		364.96		868.16	709.6
29Mar2022		787.68	1302.12	1555.8	1885.68		2173.68		5271.36		349.6		908.4	676.88
30Mar2022		864.72	1446.6	1703.04	2013.6		2156.64		5580.96		396.84		947.6	813.52
31Mar2022		748.56	1258.92	1528.08	1908.24		2261.52		5577.6		387.52		949.36	667.12
01Apr2022		741.84	1268.4	1563.96	1645.92		2106.96		5134.08		375.36		976.96	647.68
02Apr2022		883.44	1330.44	1776.12	1381.92		1821		5053.92		330.08		907.44	637.44
03Apr2022		841.68	1236.24	1694.16	1183.92		2008.08		5029.44		337.92		897.28	709.84
04Apr2022		657.36	1199.76	1363.56	1218.48		2060.04		5292.48		364.96		868.16	610.08
05Apr2022		941.76	1396.08	1769.16	1325.52		2024.76		5542.56		349.6		908.4	670.08
06Apr2022		897.36	1323.96	1716.36	1502.88		2143.92		5862.72		396.84		947.6	830.24
07Apr2022		906.96	1483.44	1818.12	1631.76		2053.92		5689.92		387.52		949.36	772.24
08Apr2022		808.8	1286.16	1547.88	1672.08		2064		5327.04		375.36		747.68	568.16
09Apr2022		769.44	1181.52	1539.24	1628.4		1902.96		4945.44		330.08		706.24	530
10Apr2022		822.48	1152.84	1595.64	1382.88		1558.92		4782.24		337.92		635.44	587.76
11Apr2022		722.16	1206.84	1614.36	1436.88		2115.84		5381.76		364.96		745.44	567.6
12Apr2022		937.68	1288.44	1913.16	1661.76		2022.36		5566.56		349.6		976.72	687.68
13Apr2022		921.84	1257.84	1789.68	1898.16		2125.92		5978.4		396.84		941.2	746
14Apr2022		986.64	1397.64	1926.84	1750.8		2288.52		5855.52		387.52		1052.48	812.24
15Apr2022		1024.56	1524.84	1900.32	1668.72		2294.52		5706.72		375.36		1028	816.48
16Apr2022		947.04	1378.56	1699.68	1279.2		2043.72		5326.08		330.08		847.76	673.36
17Apr2022		1015.68	1296.6	1886.04	1318.56		1992		5216.16		337.92		897.44	697.84
18Apr2022		866.64	1435.68	1796.52	1353.6		2199.96		5563.2		364.96		911.52	713.28
19Apr2022		815.76	1284.96	1647.36	1745.76		2275.08		5517.6		349.6		854.08	736.64
20Apr2022		810.72	1303.8	1731.36	1745.28		2107.32		5727.84		396.84		767.36	605.44
21Apr2022		747.6	1185.12	1545.96	1623.6		2113.08		5487.84		387.52		818.24	564.48
22Apr2022		983.76	1306.68	1773.24	1375.68		1986.72		5254.08		375.36		919.84	603.52
23Apr2022		703.44	1064.04	1550.88	1577.04		1655.16		4876.32		330.08		776.96	440.56
24Apr2022		863.52	1195.92	1639.68	1373.04		1520.4		4716		337.92		779.76	500.24
25Apr2022		1097.52	1397.64	1913.76	1585.92		2195.4		5594.88		364.96		864.88	842.16
26Apr2022		909.84	1356.36	1628.76	1650.72		2189.52		5558.4		349.6		864.16	633.36
27Apr2022		763.92	1205.88	1470.12	1479.12		2111.4		5513.28		268.84		820.88	572.96
28Apr2022		739.44	1211.88	1484.76	1373.04		1990.68		5281.44		260.92		798.08	491.52
29Apr2022		1007.52	1283.28	1677.96	1353.12		1857.36		5047.2		276.52		801.76	558.56
30Apr2022		1014.24	1243.56	1691.16	1268.16		1751.4		4764.48		284.6		783.84	526.32
01May2022		1094.64	1231.8	1589.04	1242.24		1687.08		4954.08		322.08		847.6	599.6
02May2022		850.56	1160.16	1452.96	1039.44		2029.8		5417.76		285.92		802.32	627.84
03May2022		693.6	1097.52	1426.32	1373.76		1940.04		5258.4		237.48		752.56	464.64
04May2022		698.4	1066.08	1422	1493.76		1842.24		5327.04		198.32		681.52	509.04
05May2022		662.4	1059.36	1477.44	1563.84		1769.88		5190.72		195.68		592.8	404.4
06May2022		722.64	1086.96	1478.04	1590		1782.24		4997.76		188.12		554.88	412.88
07May2022		846.48	1055.4	1446.96	1446.48		1412.04		4451.52		172.28		507.36	399.04
08May2022		754.56	974.52	1499.64	1318.08		1362.84		4252.8		173.64		524.8	368.08

Day	[PROTECTED DATA BEGINS…	OTTER OUTLET	OTTERTAIL	OTTERTAILRUSH LAKE	PARKERS PRAIRIE	[PROTECTED DATA BEGINS…	PELICAN RAPIDS WEST	[PROTECTED DATA BEGINS…	PERHAM SE	[PROTECTED DATA BEGINS…	PLUMMER	[PROTECTED DATA BEGINS…	RED LAKE FALLS SW	ROTHSAY
09May2022		715.92	1085.16	1562.04	1300.8		1569.6		5153.28		212.6		695.76	486.56
10May2022		650.64	1051.68	1463.88	1254.24		1658.76		5373.6		180.4		648.64	441.04
11May2022		696	981.72	1441.56	1297.92		1700.88		5210.4		201.48		638.88	463.44
12May2022		744.24	1026.6	1457.52	554.64		1731.84		4547.04		185.08		638.08	0
13May2022		723.12	1059.72	1414.92	1188.96		1703.28		4838.88		0		0	476.64
14May2022		809.52	968.16	1475.88	1213.44		1379.64		4451.52		187.32		540.32	353.68
15May2022		804.72	954.84	1550.16	1199.76		1343.4		4340.16		181.08		580.4	349.2
16May2022		688.32	954.96	1496.76	1273.92		1555.08		5220.96		190.72		643.36	445.52
17May2022		720.72	1020.96	1639.08	1313.76		1823.52		5314.56		173.52		613.68	484.64
18May2022		721.68	1020.6	1604.4	1253.28		1763.04		5386.56		180.08		601.76	449.6
19May2022		814.08	1012.56	1580.88	1307.76		1768.8		5302.08		176.28		608.56	471.28
20May2022		915.6	1033.56	1590.96	1350.48		1768.32		5149.44		228.6		707.2	490.08
21May2022		1257.12	1273.2	1657.68	1348.08		1689.72		4817.76		222.88		643.84	477.92
22May2022		882.24	1014.72	1528.68	1271.52		1545.96		4734.72		202.76		623.44	472.24
23May2022		772.32	1030.56	1410.96	1251.84		1763.16		5477.28		190.04		607.12	438.72
24May2022		718.08	990.24	1436.16	1244.16		1733.28		5388		155.64		608.64	427.92
25May2022		792.48	1029.84	1401.12	1339.68		1655.16		5367.36		162.52		620.72	468.96
26May2022		804.24	1025.64	1617.96	1196.4		1792.44		5642.4		163.36		579.28	427.84
27May2022		925.2	1047.84	1647.24	1198.32		1546.92		5265.12		164.08		610.24	436.8
28May2022		841.44	1102.8	1609.68	1051.68		1409.52		4716.96		137.56		414.8	317.76
29May2022		841.2	1035.36	1494	1055.76		1479.48		4518.24		135.32		430.32	310.96
30May2022		787.44	896.64	0	973.68		1431.12		4503.84		143.76		474.48	0
31May2022		779.76	1027.32	1252.44	1290.24		1384.08		5118.72		172.84		590.08	432.32
01Jun2022		790.56	1062	1611.12	1302.72		1550.76		5203.68		184.44		563.84	443.36
02Jun2022		828.24	1086.24	1550.4	1267.44		1527.96		5466.72		174.24		596.32	438.32
03Jun2022		878.16	1123.56	1577.76	1177.2		1528.08		5042.88		177.08		558.16	401.04
04Jun2022		919.2	1009.68	1579.08	1059.12		1377.84		4581.12		175.2		488.96	347.2
05Jun2022		859.2	951.24	1581	950.64		1302		4482.72		153.68		489.6	304.8
06Jun2022		815.52	1069.56	1482.84	1260.72		1572		5560.8		168.92		664.4	416.08
07Jun2022		769.2	1155.48	1440.48	1228.08		1565.04		5823.36		157.52		607.84	408.96
08Jun2022		824.88	1075.68	1656.36	1284		1556.52		5952.48		161.6		623.28	417.04
09Jun2022		837.36	1477.2	1733.16	1380.24		1619.52		6065.76		142.88		590.96	404.72
10Jun2022		818.88	1333.68	1752.96	1269.84		1558.92		5520		142.52		595.12	400.96
11Jun2022		873.36	1250.4	1739.4	1113.12		1533.36		4930.56		142.44		467.92	342.08
12Jun2022		838.08	1177.32	1693.56	998.4		1454.76		4681.44		111.8		439.6	329.44
13Jun2022		861.36	1029.72	1656.12	1303.68		2028.96		6045.6		143.6		640.96	503.36
14Jun2022		879.6	1263.48	1670.52	1422.72		2052		6449.28		150.6		671.36	534.4
15Jun2022		860.16	1539.84	1796.16	1407.36		1824.84		6626.4		146.28		592.72	506.88
16Jun2022		864.96	1396.56	1671	1370.16		1743.36		6459.84		159.56		602.16	493.04
17Jun2022		849.84	1337.64	1843.68	1387.92		1530.72		5729.28		147.56		587.12	475.36
18Jun2022		1097.52	1664.4	1913.88	1302.24		1681.8		5373.12		136.6		469.52	371.04
19Jun2022		1212.48	1604.28	2112.96	1416.96		2031.84		5907.84		151.88		505.12	422.96
20Jun2022		1388.4	2117.16	2286	1914.72		2657.16		7344.96		173.52		548	606.32
21Jun2022		520.8	1203.96	874.92	1442.4		2185.8		6143.52		185.76		673.52	556.32
22Jun2022		815.76	1056.72	1599.12	1311.6		1829.76		6361.92		170.64		634.32	473.44
23Jun2022		967.2	1178.04	1756.92	1377.12		1969.08		6455.52		178.96		654.64	504.24
24Jun2022		1060.08	1277.16	1919.28	1595.76		2280.72		6718.08		193.88		704.48	638.88
25Jun2022		962.4	1096.92	1723.08	1148.4		1781.64		4908.48		163.36		488.4	375.6
26Jun2022		860.16	916.44	1432.92	973.2		1454.28		4411.2		159.24		439.68	326.72
27Jun2022		850.32	969.36	1548	1283.04		1635.96		5579.52		178		615.68	495.2
28Jun2022		865.44	1036.92	1702.32	1357.44		1683.36		6153.6		158.92		603.36	452.64
29Jun2022		911.28	1013.16	1678.92	1295.52		1697.76		6541.44		168.88		597.84	522.16
30Jun2022		990.72	1228.92	1722.36	1397.04		1811.52		6304.32		164.36		611.76	494.08
01Jul2022		1125.12	1720.32	1653	1429.68		1719.96		5632.32		176.2		577.92	394.88
02Jul2022		1306.56	1750.92	1889.64	1242.72		1542.96		5486.88		135.8		436.32	333.28
03Jul2022		1159.68	1530.96	1919.04	1302.96		1647		4894.08		128.88		404.32	361.04
04Jul2022		1197.12	1323.48	1876.68	1125.84		1895.64		4901.28		156.08		500.88	412.88
05Jul2022		1175.28	1374.48	2031.36	1341.36		2012.4		6227.04		174.96		636.08	502.48
06Jul2022		992.88	1491.6	1972.2	1312.56		1881.12		6666.24		174.32		606.72	468
07Jul2022		1145.28	1627.56	1893.36	1613.04		2046.72		6734.4		165.76		663.76	500.56
08Jul2022		1237.92	1711.44	1832.64	1611.12		1889.64		6280.8		176.76		584.48	433.92
09Jul2022		1114.08	1908.36	1876.44	1625.28		1855.08		5304.48		153.68		475.36	368.16
10Jul2022		1400.64	2051.64	2216.16	1326.72		2062.2		6014.88		174.24		535.52	432.56
11Jul2022		1217.04	1642.68	1940.4	1561.92		2066.04		6002.4		185.12		646.88	526.64

Day	[PROTECTED DATA BEGINS…	OTTER OUTLET	OTTERTAIL	OTTERTAILRUSH LAKE	PARKERS PRAIRIE	[PROTECTED DATA BEGINS…	PELICAN RAPIDS WEST	[PROTECTED DATA BEGINS…	PERHAM SE	[PROTECTED DATA BEGINS…	PLUMMER	[PROTECTED DATA BEGINS…	RED LAKE FALLS SW	ROTHSAY
12Jul2022		970.08	1611.12	1726.2	1451.76		1856.16		6189.12		185.28		632.56	520.16
13Jul2022		1129.92	2006.88	1734.84	1649.04		1941.72		6370.08		171.36		608.56	484.88
14Jul2022		1159.68	1985.88	1830.12	1730.64		2010.12		6727.68		181.76		623.44	452.32
15Jul2022		1153.92	1917.24	1937.76	1451.28		1971.48		5965.44		176.04		597.84	537.36
16Jul2022		1468.32	1723.08	2092.68	1369.92		2069.64		5832.96		144.56		558.88	159.68
17Jul2022		1285.68	1241.64	1587.6	1040.64		1781.52		5003.52		132.32		479.84	388.96
18Jul2022		1350.48	1544.64	2122.92	1501.2		2452.68		7161.12		206.72		762.64	536.32
19Jul2022		1394.4	1618.44	2168.16	1511.52		2491.08		6888.48		222.32		739.2	575.52
20Jul2022		1143.84	1828.92	1863.72	1451.52		2074.2		7019.52		180.24		706.96	485.52
21Jul2022		1189.68	2046	1880.76	1856.16		2091.6		7225.92		171.2		640.96	517.76
22Jul2022		1341.36	1991.04	1823.52	1845.6		1965.24		6893.28		177.12		647.52	503.36
23Jul2022		1400.16	2069.64	1884.48	1561.68		2046.96		5887.68		155.76		506.64	405.04
24Jul2022		1145.04	1794.12	1601.52	1051.92		1647.6		5503.68		148.64		463.04	324
25Jul2022		1069.2	1798.44	1563.6	1539.36		1658.04		6367.2		148.2		604.8	437.92
26Jul2022		1209.6	1833.24	1739.16	1332.48		1864.08		6282.24		163.52		618.16	455.68
27Jul2022		1085.28	1783.44	1583.4	1333.68		1859.64		6030.72		158.08		622.8	456.72
28Jul2022		1102.8	1950.48	1731.72	1272		1637.28		5888.64		164.12		605.28	428.4
29Jul2022		1100.4	2284.2	1664.88	1380.96		1613.16		5404.8		156.24		577.28	485.04
30Jul2022		1428	2370.12	1744.2	1444.32		1745.4		5549.76		142.72		497.52	344.8
31Jul2022		1368.96	1986.96	1833.6	1142.4		1800.48		5695.2		164.44		551.2	350.24
01Aug2022		1091.04	1781.04	1669.32	1379.52		1891.56		6130.56		170.2		596.64	424.24
02Aug2022		1140.24	1923.12	1659.72	1425.36		1991.04		6575.04		176.76		615.6	451.6
03Aug2022		1388.88	2129.52	1854.84	1356.96		2009.52		6660		175.04		661.92	498.24
04Aug2022		1085.76	2018.88	1624.32	1516.32		1736.64		6451.2		168.6		603.84	470.88
05Aug2022		1343.76	2100.12	1874.4	1526.64		2106.36		6336.96		151.8		664.4	445.04
06Aug2022		1266.24	1994.16	1722.24	1444.32		2074.8		5479.68		154.72		512.8	392
07Aug2022		1161.36	2130	1517.16	1142.4		1696.08		5388.96		146.04		454	339.04
08Aug2022		992.16	2127.24	1649.4	1379.52		1561.56		6097.92		143.8		595.92	400.72
09Aug2022		1304.4	1952.76	1598.4	1425.36		1774.68		6667.2		162.68		595.6	448
10Aug2022		1297.68	2052.72	1733.88	1356.96		1993.44		7426.56		159.6		622.88	482
11Aug2022		1133.04	2238.96	1746.6	1516.32		1861.44		6768		172.52		584.72	500.56
12Aug2022		1036.32	1496.4	1753.56	1526.64		1969.08		5444.16		173.52		603.28	421.04
13Aug2022		964.8	1110.12	1457.4	1444.32		1943.88		4687.68		128.76		478.8	374.4
14Aug2022		889.44	1012.92	1364.16	1142.4		1690.44		4463.04		124.16		460.08	339.36
15Aug2022		970.08	1015.2	1548.96	1379.52		1908.24		5660.64		171.88		650.4	434.96
16Aug2022		1169.52	1355.04	1625.64	1425.36		1954.92		6067.68		175.72		666.96	471.28
17Aug2022		1162.32	1679.88	1603.2	1356.96		2001.96		6599.04		180.6		668.88	483.36
18Aug2022		1043.52	1511.88	1764.96	1516.32		2082.6		5872.32		196.64		662	504.32
19Aug2022		849.12	1190.52	1517.16	1526.64		1868.76		5244		184.68		620.24	450.8
20Aug2022		877.92	1054.56	1343.16	1444.32		1737		4687.2		122.16		449.12	351.52
21Aug2022		840.24	923.16	1287.48	1142.4		1499.04		4368		111.4		450.64	339.04
22Aug2022		890.64	1037.16	1507.8	1379.52		1803.48		5483.52		183.72		607.68	422.32
23Aug2022		957.84	1045.92	1514.4	1425.36		1837.2		5926.08		202.24		634.08	475.6
24Aug2022		952.56	1183.92	1587.72	1356.96		2067.96		6437.28		188.84		644.88	509.36
25Aug2022		1202.88	1800.96	1712.28	1516.32		1924.56		6554.4		171.04		577.44	426.32
26Aug2022		1068.96	1883.76	1582.08	1526.64		1678.44		5878.56		146.36		588.48	424.24
27Aug2022		958.56	1636.08	1457.52	1444.32		1969.56		4970.4		133.64		478.96	377.12
28Aug2022		1002.48	1704.12	1455.96	1142.4		1825.08		4643.04		147.2		480	362.32
29Aug2022		862.56	1369.68	1511.16	1379.52		1918.56		5528.64		0		645.28	465.6
30Aug2022		1171.68	1558.44	1539.96	1425.36		1638.48		5801.28		152.64		647.12	442
31Aug2022		1047.84	1948.92	1630.32	1356.96		1847.28		5992.32		177.4		641.2	459.44
01Sep2022		1010.88	1895.64	1610.4	1516.32		1893.6		5656.32		194.32		616.56	465.12
02Sep2022		1075.68	1938.6	1814.64	1526.64		2144.64		5170.56		196.56		617.76	454.8
03Sep2022		1180.56	1806.12	1317	1440.24		1561.8		5145.6		134.56		476.32	332
04Sep2022		1203.36	1576.56	1373.28	1343.76		1516.56		4484.64		144.2		435.2	325.44
05Sep2022		1136.64	1846.8	1385.76	980.64		1669.8		4371.84		171.04		484.8	370.64
06Sep2022		1085.76	1778.04	1606.8	1377.36		1986.84		4486.08		212.52		670	481.6
07Sep2022		790.56	1603.44	1583.64	2146.56		2031.24		5731.2		223.6		637.76	508.4
08Sep2022		1067.28	1655.52	1796.88	1473.6		2243.04		6372.96		186		667.92	540.16
09Sep2022		937.92	1566.96	1435.56	1244.16		1905.72		5718.72		178.24		574.64	469.92
10Sep2022		953.28	1397.16	1213.2	1276.8		1557.72		4789.44		172.88		465.36	343.44
11Sep2022		908.4	1244.4	1171.32	1120.8		1405.2		4605.6		178.56		443.28	327.84
12Sep2022		1038.72	1370.88	1310.88	1534.32		1611.72		5925.12		199.4		632.24	477.2
13Sep2022		903.12	1418.88	1399.32	1505.76		1691.04		6202.08		257.72		631.52	489.2

Day	[PROTECTED DATA BEGINS…	OTTER OUTLET	OTTERTAIL	OTTERTAILRUSH LAKE	PARKERS PRAIRIE	[PROTECTED DATA BEGINS…	PELICAN RAPIDS WEST	[PROTECTED DATA BEGINS…	PERHAM SE	[PROTECTED DATA BEGINS…	PLUMMER	[PROTECTED DATA BEGINS…	RED LAKE FALLS SW	ROTHSAY
14Sep2022		848.88	1327.32	1452.96	1315.68		1705.92		5830.56		265.72		615.92	470.24
15Sep2022		786.48	1185.6	1398.96	1366.32		1966.92		5832.96		169.96		669.6	486.64
16Sep2022		774	1060.2	1425.24	1251.6		1933.2		5244		167.16		652.96	429.12
17Sep2022		703.68	894.12	1430.88	1021.44		1719.6		4683.36		126.16		538.16	346
18Sep2022		796.32	986.16	1372.56	960.96		1636.56		4595.04		128.76		468.88	329.04
19Sep2022		811.2	1103.76	1580.04	1277.52		1790.4		5631.36		203.56		678.64	466.08
20Sep2022		771.12	1113.48	1547.28	1313.76		1837.92		5559.84		200.36		627.04	482.16
21Sep2022		835.92	1089.48	1403.76	1307.52		1635.84		5080.32		190.56		621.12	459.28
22Sep2022		786.24	1030.32	1406.52	1264.08		1668		4912.32		191.08		644.64	429.6
23Sep2022		840.96	1085.16	1562.52	1212.48		1704.84		4794.24		184.84		649.2	441.6
24Sep2022		871.92	1027.92	1352.28	1010.4		1508.88		4474.56		157.28		548.16	363.84
25Sep2022		856.56	959.28	1395.48	973.92		1470.24		4467.36		158.32		535.28	377.84
26Sep2022		735.84	1045.2	1513.08	1187.76		1769.28		5193.12		202.92		730.24	476.64
27Sep2022		694.8	1074	1443.24	1267.2		1708.8		5244		189		706.48	414.96
28Sep2022		754.08	1093.92	1498.2	1251.6		1772.28		5080.8		184.24		707.84	530.08
29Sep2022		716.16	1238.76	1546.08	1254.72		1740.48		5047.2		185.32		682.8	504
30Sep2022		739.2	1076.04	1373.52	1159.92		1690.68		5005.44		180.2		662	401.76
01Oct2022		725.28	994.08	1426.32	1138.8		1497.6		4552.8		158.4		553.2	351.28
02Oct2022		738.72	1018.8	1421.04	1105.44		1438.92		4395.36		135.36		545.44	373.52
03Oct2022		652.08	960.48	1678.92	1251.6		1736.28		5089.44		177.08		646.24	430.32
04Oct2022		651.36	1040.88	1847.04	1229.28		1798.8		5421.6		166		646.96	450.56
05Oct2022		641.04	1059.48	1608.96	1325.28		1624.56		5433.6		186.44		654.64	478
06Oct2022		746.4	1030.68	1285.68	1481.04		1670.76		5387.52		293.12		731.2	618.88
07Oct2022		807.6	1087.92	1538.64	1524.72		1815.24		5219.52		349.44		726.88	686.64
08Oct2022		801.36	1013.52	1550.16	1259.28		1620		4782.24		243.72		613.92	569.28
09Oct2022		719.04	1002.12	1491	1181.04		1485		4497.6		223.68		636.4	572.56
10Oct2022		668.88	1064.76	1410.84	1346.4		1781.76		5089.92		159.96		664.48	576.88
11Oct2022		629.76	1137.48	1660.08	1478.4		1689.36		5369.76		173.64		718.56	569.6
12Oct2022		731.28	1130.4	1545.36	1559.52		1677.84		5122.08		235.44		774.64	586.32
13Oct2022		923.04	1350.96	1730.88	1741.44		1904.04		5472		296.28		853.12	625.92
14Oct2022		986.16	1430.04	1695	1793.52		2063.64		4986.24		261.76		820.48	597.76
15Oct2022		960.96	1392.12	1663.68	1899.84		1811.04		4827.84		271.44		707.92	515.44
16Oct2022		988.32	1470	1745.88	1971.12		1799.4		4681.44		301.52		707.12	702.16
17Oct2022		2.4	1515.96	1773	2407.44		2335.44		5500.32		322.64		964.32	999.44
18Oct2022		0	1501.44	1719.24	2092.8		2243.64		5474.88		291.6		886.88	1183.2
19Oct2022		0	1491.6	1567.2	1920.96		2097		5203.2		223.04		768.8	1017.68
20Oct2022		0	1499.52	1484.4	1852.08		1965.48		5298.72		227.08		753.44	1003.28
21Oct2022		695.28	1433.4	1602	1708.08		1815.6		4891.2		234.16		696	904.48
22Oct2022		779.28	1236.96	1571.88	1577.04		1560.6		4567.68		228.84		629.68	880.64
23Oct2022		662.16	1051.44	1505.04	1455.12		1650.72		4548		258.24		695.04	716.64
24Oct2022		586.8	1007.52	1600.92	1517.52		1670.88		5244		187.52		721.28	583.52
25Oct2022		658.8	1203.72	1625.64	1923.36		2002.68		5204.16		315.8		793.68	603.6
26Oct2022		718.32	1119.12	1508.64	1914.48		2007.12		5181.12		360.52		802.48	557.44
27Oct2022		816.72	1242.84	1576.32	1797.84		2048.4		5297.28		296.88		792.64	567.92
28Oct2022		678.96	1069.08	1452	1802.4		1919.52		4816.32		361.76		686.32	840.88
29Oct2022		682.32	964.2	1463.52	1452.72		1675.68		4510.08		284.12		641.68	818.08
30Oct2022		659.52	1076.04	1436.16	1619.52		1729.32		4669.44		298.04		730.72	856.4
31Oct2022		653.76	1150.8	1372.56	1740.24		1927.92		5022.24		261.16		707.2	844.8
01Nov2022		557.28	1115.52	1461.12	1720.8		1961.28		4991.04		326.08		662.16	869.28
02Nov2022		579.36	1110.36	1520.52	1423.44		1841.16		4933.44		238.44		667.6	869.68
03Nov2022		620.16	1107.96	1460.64	1612.08		1907.16		5272.8		306.04		791.2	664.08
04Nov2022		724.56	1238.04	1629.12	1709.04		2035.68		5244		360.92		803.2	650.4
05Nov2022		777.6	1204.56	1582.8	1543.92		1955.52		5001.6		349.2		760.4	554.4
06Nov2022		876	1243.56	1679.76	1725.6		1525.44		4784.16		390.36		768.72	639.52
07Nov2022		941.28	1387.08	1831.44	1880.4		2181.6		5445.6		405.32		954.96	705.92
08Nov2022		820.56	1282.68	1737.48	1772.64		2176.32		5183.52		275.08		920.08	631.52
09Nov2022		781.2	1223.16	1649.4	1754.64		1962.96		5201.28		291.8		894.64	646.48
10Nov2022		869.28	1284	1772.52	1982.64		0		5464.32		339.08		1005.04	0
11Nov2022		1169.04	1553.28	2166.36	2194.56		2331.84		5534.88		356.44		1054.24	884
12Nov2022		1160.88	1456.32	2098.68	2116.32		2101.8		5207.52		348.92		995.04	811.52
13Nov2022		1116.24	1471.92	2127.36	2064.24		2025.72		5204.64		370.4		979.84	815.36
14Nov2022		1054.32	1503.12	2030.16	2206.56		2295.96		5497.92		354.52		1091.52	806.88
15Nov2022		1032.24	1512	1979.88	2057.76		2250.36		5574.24		361.36		1045.92	827.36
16Nov2022		895.44	1456.56	1857.6	2337.84		2369.52		5625.12		384.64		1103.6	846.64

Day	[PROTECTED DATA BEGINS…	OTTER OUTLET	OTTERTAIL	OTTERTAILRUSH LAKE	PARKERS PRAIRIE	[PROTECTED DATA BEGINS…	PELICAN RAPIDS WEST	[PROTECTED DATA BEGINS…	PERHAM SE	[PROTECTED DATA BEGINS…	PLUMMER	[PROTECTED DATA BEGINS…	RED LAKE FALLS SW	ROTHSAY
17Nov2022		1073.52	1554.12	2098.08	2380.56		2322.12		5854.08		384.84		1133.44	930.56
18Nov2022		1101.6	1693.56	2277.84	2417.04		2560.44		5755.68		411.6		1220.24	919.52
19Nov2022		1206.96	1621.32	2412	2420.16		2402.64		5689.92		388.84		1180.8	884.4
20Nov2022		952.56	1385.28	2004.96	1999.2		2225.16		5416.8		382.84		1059.68	771.76
21Nov2022		1133.28	1587.6	2156.04	2255.04		2507.16		5839.2		400.8		1059.68	848.08
22Nov2022		779.76	1334.28	1821.48	2310.96		2367.96		5588.64		368.04		1088.32	785.76
23Nov2022		731.76	1258.2	1666.44	2242.8		2191.2		5168.64		404.56		932.08	677.44
24Nov2022		799.92	1180.08	1739.52	1995.12		2143.44		4847.52		387.88		849.28	646.4
25Nov2022		765.84	1160.04	1805.88	2029.92		2136.84		4943.04		407.36		932	648.4
26Nov2022		767.04	1132.68	1776.48	2038.08		1811.28		4728.48		385.08		857.28	604.56
27Nov2022		900.48	1330.08	1943.64	2060.4		1975.2		5169.12		343.8		950.08	680.64
28Nov2022		803.04	1261.44	1840.68	2340		2279.04		5634.24		391		1077.12	767.6
29Nov2022		1217.52	1644	2276.04	2676.48		2431.32		6146.4		437.36		1174.88	923.2
30Nov2022		1292.16	1781.04	2571.36	2958.72		2669.88		6432.96		500.28		1334.08	1054.4
01Dec2022		1038.96	1632.96	2128.44	2386.56		2409.12		5991.36		399.08		1047.84	878.32
02Dec2022		1047.6	1553.4	2145.84	2388.96		2222.4		5951.52		425.84		1108.4	993.6
03Dec2022		1334.4	1762.8	2690.28	2628.48		2589.48		6077.76		515.92		1275.36	973.2
04Dec2022		1020.24	1417.92	2202.36	2199.6		2470.2		5520.96		450.56		1152.64	820.32
05Dec2022		1184.64	1625.28	2363.04	2556.72		2420.04		6383.52		506.88		1349.76	944.56
06Dec2022		1214.64	1791.72	2330.52	2503.2		2641.2		6213.6		475.84		1405.92	1038.8
07Dec2022		1185.36	1662.84	2354.28	2643.84		2677.08		6428.64		526.28		1347.68	1042.72
08Dec2022		1023.12	1439.4	2060.64	2389.44		2577.84		6018.72		428.2		1167.68	940.8
09Dec2022		905.76	1456.32	1939.08	2214.48		2363.52		5605.92		408.16		1135.76	786.24
10Dec2022		1048.8	1404	2083.68	2167.68		2103.48		5207.04		357.08		999.92	757.52
11Dec2022		923.52	1271.52	1970.52	2150.4		2191.44		5175.36		363.2		912.48	718.96
12Dec2022		1064.88	1581.84	2115.6	2271.6		2306.52		5724.48		426.28		1091.2	814.56
13Dec2022		1028.4	1502.64	2084.28	2173.44		2205.12		5653.44		368.84		1099.6	808.32
14Dec2022		971.52	1412.16	2077.2	2118.72		2233.08		5511.84		367.52		1026.16	777.76
15Dec2022		1012.32	1449.48	2003.64	2110.08		2120.76		5498.4		385.48		1065.52	886.16
16Dec2022		1122.96	1511.28	2182.8	732.24		2254.68		5830.56		428		1187.12	1032.8
17Dec2022		1341.84	1674.48	2307	2320.08		2260.68		5639.52		420.36		1224.56	960.08
18Dec2022		1364.4	1709.04	2474.88	2452.8		2593.08		6018.72		494.64		1274.32	1098.4
19Dec2022		1325.28	1785.48	2543.88	2639.76		2906.64		6485.76		475.24		1424.96	1138.4
20Dec2022		1478.64	1925.28	2833.08	2907.6		2992.44		7161.12		596.64		1577.44	1357.2
21Dec2022		1634.64	2043.72	2949.72	2934.96		3008.4		6870.24		612.32		1635.84	1244.4
22Dec2022		1662.24	2153.88	2987.16	3167.52		3073.68		6991.68		587.56		1577.84	1426.24
23Dec2022		1728.96	2157.6	3040.32	2976.96		3034.56		6831.36		571.8		1549.36	1344.16
24Dec2022		1725.12	2060.64	2826.36	2918.4		2957.28		6469.44		540.88		1518.32	1309.2
25Dec2022		1613.52	1967.64	2635.8	2719.44		2770.32		5933.76		533.84		1336.32	1105.52
26Dec2022		1361.52	1699.2	2524.92	2479.68		2691.84		6125.28		536.56		1386	1132.08
27Dec2022		1288.56	1593.48	2383.44	2473.44		2602.56		5881.44		402.52		1141.44	942.4
28Dec2022		981.6	1435.56	2066.52	2171.28		2349.6		5612.64		390.24		1121.52	785.44
29Dec2022		1218.48	1590.12	2177.16	2359.44		2268.6		5900.16		397.96		1107.04	948.24
30Dec2022		1110.48	1713.36	2265.12	2271.12		2518.68		5819.04		447.48		1159.68	946.24
31Dec2022		1178.88	1555.08	2147.04	2204.64		2241.6		5299.2		400.84		1088.24	772.48
	…PROTECTED DATA ENDS]					…PROTECTED DATA ENDS]		…PROTECTED DATA ENDS]		…PROTECTED DATA ENDS]		…PROTECTED DATA ENDS]		

Day	SHELLY OTP SHARE	SOLWAY	[PROTECTED DATA BEGINS…	STRANDQUIST	SYRE	[PROTECTED DATA BEGINS…	UNDERWOOD	URBANK	VERDI	VERGAS	VINING	WAUBUN	WHEATON	WILTON, MN	WIMER LAKE	XCEL GREEN VALLEY
01Jan2022	46.28	135.24		111.948	28.86		1187.04	78.99	75.18	711.66	434.66	1122.24	3227.04	332.16	864.03	1338.24
02Jan2022	44.3	125.4		108.456	28.692		1104.66	69.99	69.7	682.86	417.8	1002.84	3176.64	344.46	822.75	1259.52
03Jan2022	11.36	149.7		92.82	23.688		759.96	67.53	61.28	536.58	384.12	849.36	2640.96	290.56	620.46	852.24
04Jan2022	0	118.84		95.964	24.012		934.2	68.16	58.95	583.5	374.18	873.9	3384	284.54	692.31	843.36
05Jan2022	41.06	155.14		97.968	26.532		1235.76	90.45	77.06	618.6	401.56	1078.38	4033.44	285.74	809.07	1050
06Jan2022	33.05	139.48		102.816	31.512		841.32	91.8	75.02	706.8	450.34	888.84	3532.32	326.3	851.79	1128.96
07Jan2022	62.3	182.7		119.784	29.232		1235.7	95.52	96.2	696	428.82	1060.44	3540.96	336.2	941.88	1026.72
08Jan2022	0	138.24		97.416	21.876		945.6	65.13	84.07	602.28	355.6	898.98	2805.12	285.5	745.53	849.6
09Jan2022	38.27	165.54		112.38	27.408		1199.94	69.66	88.72	681.6	422.86	1059.3	3204	309.04	904.32	928.08
10Jan2022	29.09	158.66		107.328	28.02		1215.18	90.39	79.77	683.88	427.54	1028.82	3592.8	312.48	799.56	956.16
11Jan2022	0	134.14		91.656	19.224		924.66	57.51	72.07	546.18	355.06	766.98	2901.6	293.08	554.43	754.8
12Jan2022	0	125.88		71.412	18.084		846.66	65.31	65.55	493.38	325.06	782.64	3002.4	245.58	520.23	738.96
13Jan2022	0	133.32		78.444	16.716		912.72	62.85	69.15	520.38	321.28	815.52	3208.32	249.82	586.83	743.76
14Jan2022	0	138.52		88.068	20.052		1015.8	75.21	82.98	545.52	376.04	1008.54	2884.32	265.46	704.94	761.52
15Jan2022	19.55	125.66		89.04	20.784		983.64	68.61	81.54	620.82	395.22	897.66	2937.6	294.74	776.13	862.32
16Jan2022	0	100.06		79.212	15.876		674.82	66.72	81.14	484.44	351.44	680.76	2037.6	255.34	684.09	756.24
17Jan2022	0	90.86		74.82	16.872		761.34	59.97	68.07	500.16	303.68	742.26	2874.24	263.44	518.01	765.12
18Jan2022	0	140.24		75.792	16.368		941.1	65.1	71.1	491.52	309.32	840.78	3029.76	245.24	547.17	732.48
19Jan2022	20.09	124.88		105.144	27.636		751.8	75.33	86.45	525.96	402.96	1077.9	2773.44	290.3	677.49	1048.08
20Jan2022	28.91	176.54		100.836	31.38		1269.36	82.17	73.85	635.22	396.5	1071.36	3578.4	314.24	790.26	997.2
21Jan2022	5.77	140.88		107.004	28.08		954.96	85.59	75.76	609.36	364.7	923.4	2721.6	307.66	759.99	858.48
22Jan2022	1.18	139.56		91.248	30.3		1027.62	72.36	71.61	663.72	395.26	984.96	3042.72	295.94	785.07	870.72
23Jan2022	39.8	148.38		107.796	29.124		1073.82	76.17	70.25	648.66	382.94	1014.6	3096	316.62	824.19	961.68
24Jan2022	0	157.32		99.468	29.64		1221.24	83.16	73.87	633.48	366.92	1059.66	3574.08	292.68	728.04	969.12
25Jan2022	18.02	176.7		98.868	31.728		1274.64	88.14	80.36	661.26	407.7	1113.36	3777.12	295.54	808.02	1060.32
26Jan2022	0	130.22		104.028	23.688		928.62	75.15	88.27	536.88	330.62	833.22	3193.92	265.88	699.87	805.92
27Jan2022	0	168.78		92.928	25.428		1145.4	76.68	75.04	575.1	349.2	983.04	3229.92	245.2	664.11	814.8
28Jan2022	0	145.36		101.052	24.156		1045.26	63.72	86.82	596.46	406.8	877.08	2730.24	278.82	636	770.16
29Jan2022	0	112.82		83.976	23.556		821.16	68.64	80.69	592.8	335.94	830.58	2475.36	247.24	654.87	694.08
30Jan2022	0	107.98		94.752	20.976		956.16	67.32	77.85	558.48	386.16	787.32	2825.28	267.02	694.92	799.44
31Jan2022	0	130.78		77.292	18.72		937.08	78.51	64.88	559.44	337.18	806.82	3214.08	254.62	645.75	834.72
01Feb2022	0	139.68		90.72	20.196		1150.56	79.71	81.47	590.64	380.76	973.44	3466.08	277	773.04	892.56
02Feb2022	0	177.92		92.988	28.14		1217.58	96.12	88.87	637.02	415.1	1047.72	3486.24	308.9	786.93	1021.68
03Feb2022	34.31	168.88		90.084	30.372		1212.78	74.7	93.07	666.06	426	1034.7	3581.28	319.9	830.97	954
04Feb2022	14.96	163.4		89.808	29.988		1159.8	88.5	89.49	650.28	371.18	1111.5	3117.6	298.08	809.64	994.08
05Feb2022	0	132.94		87.996	25.284		818.52	67.59	76.85	599.34	372.86	895.98	2638.08	284.48	781.11	759.6
06Feb2022	0	110.18		80.304	24.96		1030.02	71.28	79.12	568.38	399.76	909.66	2721.6	265.14	745.05	804.96
07Feb2022	0	116.1		78.108	22.944		960.42	71.58	74.84	539.16	350.68	835.38	3078.72	260.04	595.56	813.6
08Feb2022	0	115.16		71.376	17.436		824.04	59.52	63.41	504.96	277.4	708.42	2877.12	235.42	519.66	735.84
09Feb2022	0	134.38		77.916	20.064		960.54	76.02	71.9	525.84	324.02	835.56	3096	235.18	669.18	770.88
10Feb2022	0	118.6		79.848	19.332		819.54	76.11	63.14	520.56	299.54	682.26	2845.44	262.6	587.64	703.2
11Feb2022	14.42	150.96		93.756	27.228		1106.28	84.03	72.08	616.8	382.78	991.2	3048.48	270.72	753.09	829.92
12Feb2022	22.61	127.6		102.744	28.116		1148.76	71.61	91.13	671.76	431.76	1011.9	3088.8	297.12	772.8	907.92
13Feb2022	41.42	139.36		105.024	27.78		1152.54	78.27	89.02	656.04	409.66	1069.26	2960.64	305.92	811.38	933.36
14Feb2022	0	148.48		85.512	20.472		918.6	67.74	70.3	550.44	372.12	879.78	2959.2	271.84	613.89	901.92
15Feb2022	0	143.76		90.732	18.636		859.02	71.22	68.97	567.84	339.84	784.74	3155.04	286.32	645.18	808.56
16Feb2022	0	163.08		82.248	19.752		1021.02	72.21	84.66	550.14	346.98	1008.96	3149.28	266.2	549.69	882.48
17Feb2022	0	154.5		94.344	27.312		1056.54	82.08	73.32	572.88	383.96	943.98	3309.12	302.68	673.59	987.84
18Feb2022	6.22	194.4		94.62	27.36		1102.56	65.55	77.66	613.5	346.36	1126.86	2878.56	301.64	753.6	824.64
19Feb2022	0	159.14		99.936	29.808		1017.42	75.09	81.86	575.04	357.88	898.32	2646.72	293.28	777.39	840.24
20Feb2022	0	119.32		89.232	22.08		834.24	59.82	68.23	493.14	305.92	760.32	2262.24	238.4	622.71	706.32
21Feb2022	68.96	186.24		114.924	34.728		986.52	70.23	89.56	597.96	383.74	1041.12	3376.8	280.78	767.1	909.84
22Feb2022	65.36	162.1		111.36	33.636		1403.7	97.44	94.88	650.04	413.7	1099.68	4017.6	316.02	835.14	1023.36
23Feb2022	0	160.08		95.88	32.892		1065.42	84.51	84.93	612.06	362.42	1057.26	3237.12	277.18	661.95	981.36
24Feb2022	0	150.68		91.608	26.496		1092.9	82.08	85.62	604.02	383.26	998.76	3484.8	282.84	645.24	1042.56
25Feb2022	0	131.7		99.864	26.604		1028.7	84.18	82.94	586.08	393.44	1105.5	2790.72	281.22	615.9	888.72
26Feb2022	0	115.16		88.296	21.672		792.3	62.1	80.46	529.08	335.86	780.3	2233.44	267.6	604.14	761.04
27Feb2022	0	103.66		81.3	22.5		723.84	55.17	70.07	494.1	297.98	594.42	2293.92	261.08	559.83	736.08
28Feb2022	0	108.64		76.128	21.612		821.94	69.99	65.25	479.16	270.46	750.6	2597.76	217.96	453.87	716.88
01Mar2022	0	110.06		71.7	21.036		769.44	69.9	61.34	459.3	261.42	715.98	3012.48	213.14	435.42	710.64
02Mar2022	0	115.52		78.108	21.108		643.5	70.5	63.48	482.7	302.78	698.64	2691.36	214.78	511.83	788.16
03Mar2022	0	137.72		76.932	24.3		895.56	81.66	68.91	517.38	323.56	844.98	3044.16	252.58	566.88	845.76
04Mar2022	0	119.82		81.408	17.136		830.46	74.04	72	504.66	327.06	832.38	2465.28	263.52	578.94	733.2
05Mar2022	0	100.62		75.78	11.364		676.68	60.63	71.46	487.62	283.94	703.08	2329.92	209.42	482.7	636.72

Day	SHELLY OTP SHARE	SOLWAY	[PROTECTED DATA BEGINS…	STRANDQUIST	SYRE	[PROTECTED DATA BEGINS…	UNDERWOOD	URBANK	VERDI	VERGAS	VINING	WAUBUN	WHEATON	WILTON, MN	WIMER LAKE	XCEL GREEN VALLEY
06Mar2022	0	98.08		81.24	17.172		813.42	68.13	71.48	509.04	325.48	710.94	2440.8	219.28	581.25	741.6
07Mar2022	0	106.34		68.424	22.836		899.82	68.25	63.87	483.3	337.9	804.3	2972.16	232.8	511.83	807.36
08Mar2022	0	127.16		76.752	21.948		966.3	71.79	60.63	504.54	291.68	827.34	2982.24	217.66	525.6	805.68
09Mar2022	0	144.38		79.92	22.236		1004.46	79.32	73.06	553.2	370.88	866.88	3094.56	236.02	644.07	892.56
10Mar2022	0	137.86		82.884	22.74		920.58	75.09	70.21	550.02	343.42	1010.28	2905.92	265.82	596.25	847.68
11Mar2022	0.37	147.14		97.26	25.308		1113.06	81.3	63.99	632.82	384.76	1034.76	2960.64	292.5	762.3	906.72
12Mar2022	0	120.42		89.148	24.012		884.64	69.45	66.37	571.74	327.26	771.66	2345.76	272.06	695.97	772.8
13Mar2022	0	102.3		78.996	12.84		637.2	58.32	65.05	480.42	285.92	651.36	1395.36	223.32	530.64	658.32
14Mar2022	0	109.18		66.54	12.36		777.3	65.07	59.59	432.9	272.84	732.6	2604.96	230.1	489.54	741.12
15Mar2022	0	96.84		67.524	12.972		691.5	61.56	59.9	418.92	244.44	548.94	2380.32	208.22	401.01	656.64
16Mar2022	0	96.48		59.688	12.504		577.44	53.91	64.55	391.68	231.68	503.52	2227.68	185.2	348.06	626.88
17Mar2022	0	100.22		54.204	13.788		603	58.11	61.43	388.56	246.26	708.3	2293.92	201.02	389.13	636.72
18Mar2022	0	95.6		64.14	12.096		569.76	61.32	63.77	394.38	241.46	640.86	1939.68	197.36	385.47	618.96
19Mar2022	0	85.04		60.564	9.324		431.58	45.96	66.37	390.48	235.66	477.48	1745.28	202.6	428.55	505.68
20Mar2022	0	77.9		62.532	8.304		473.52	46.95	65.05	400.44	236.04	419.88	1805.76	192	433.26	587.04
21Mar2022	0	92.14		58.188	9.336		510.66	51.15	59.59	382.62	250.02	498	2371.68	189.06	367.98	553.92
22Mar2022	0	102.34		57.18	9.804		711.78	61.32	59.9	442.26	275.04	544.32	2579.04	200.22	446.55	721.92
23Mar2022	0	99.02		59.616	12.6		790.38	70.5	64.55	465.06	286.72	627.48	2689.92	221.08	501.6	724.32
24Mar2022	0	105.14		57.396	11.028		633.6	55.65	61.43	369.84	237.62	618.54	2175.84	186.12	383.61	682.08
25Mar2022	0	107.1		66.252	12.972		796.86	74.61	63.77	471.84	281.9	780.12	2121.12	226.98	571.98	675.6
26Mar2022	0	109.44		79.38	14.892		757.44	59.34	68.01	512.28	354.8	768.6	2341.44	227.86	573.81	682.32
27Mar2022	0	99.58		76.02	13.14		773.94	57.72	63.28	481.62	301.96	679.98	2266.56	240.92	525.3	697.44
28Mar2022	0	106.56		67.344	16.848		775.26	76.56	63.91	462.42	289.2	696.66	2723.04	225.4	521.94	799.68
29Mar2022	0	103.46		64.272	10.188		712.38	71.82	61.32	449.82	259.2	527.04	2685.6	212.06	450.69	703.44
30Mar2022	0	102.54		66.696	13.98		864.84	70.68	67.74	480.72	298.06	712.32	3028.32	220.66	496.86	757.44
31Mar2022	0	94.76		68.448	9.144		590.28	67.71	67.22	418.68	286.68	510.48	2401.92	221.44	430.95	777.12
01Apr2022	0	95		59.22	11.652		638.4	66.03	65.5	439.74	274.14	633.12	1915.2	212.42	426.81	688.56
02Apr2022	0	100.54		63.288	12.408		550.8	54.84	55.14	425.22	274.22	592.38	1586.88	189.06	508.38	579.6
03Apr2022	0	84.1		62.664	10.332		507.6	62.43	58.58	425.7	301.22	467.82	1752.48	209.48	497.67	651.6
04Apr2022	0	77		58.236	8.232		609.78	60.63	61.98	391.2	238.72	495.48	2482.56	193.84	393.45	679.68
05Apr2022	0	107.64		62.964	11.904		672.3	69.57	56.34	446.34	296.08	676.02	2412	221.52	531.36	690.24
06Apr2022	0	104.32		75.624	13.416		840.42	63.03	62.83	489.72	298.94	696.24	2973.6	224.9	547.2	768.96
07Apr2022	0	117.34		71.796	10.488		802.62	68.25	58.61	472.38	267.96	620.04	2966.4	237.54	529.8	758.88
08Apr2022	0	94.52		65.628	7.392		676.98	61.2	55.63	425.64	274.88	559.38	2033.28	207.38	428.61	649.2
09Apr2022	0	91.58		64.656	8.748		456.72	49.92	54.95	399.96	249.48	450.12	1814.4	206.78	437.01	565.68
10Apr2022	0	70.4		60.684	8.94		459.48	62.4	54.02	352.86	257.58	394.32	1483.2	177.96	459	579.6
11Apr2022	0	77.16		56.22	9.336		520.86	58.02	54.11	403.62	246.3	476.94	2128.32	200.32	413.76	635.04
12Apr2022	0	108.26		66.684	13.38		710.4	60.66	54	456.84	281.76	606.9	2518.56	221.56	481.83	669.12
13Apr2022	0	95.52		0	13.68		732.78	70.26	65.76	442.86	279.48	646.98	2485.44	214.1	451.62	742.08
14Apr2022	0	111.22		65.832	14.4		842.76	75.66	56.71	493.14	313.04	721.38	2805.12	237.68	509.97	806.88
15Apr2022	0	119.3		71.904	16.896		837.9	71.13	69.85	530.28	313.94	775.8	2576.16	250.62	673.2	679.2
16Apr2022	0	96.66		69.216	13.308		709.32	60.99	67.42	452.1	286.12	610.14	2102.4	218.62	561.3	624.96
17Apr2022	0	107.08		60.948	16.572		747	64.05	70.71	437.7	284.38	652.44	2302.56	247.2	563.16	687.12
18Apr2022	0	84.4		61.908	12.192		757.26	62.79	64.11	473.22	304.34	607.86	2744.64	226.3	545.19	737.52
19Apr2022	0	98.02		56.376	15.708		763.32	70.29	58.44	448.98	264.84	549.3	2872.8	208.42	450.57	790.56
20Apr2022	0	101.9		60.816	13.212		525.42	66.99	65.26	403.5	292.92	522.12	1922.4	228.22	431.25	683.04
21Apr2022	0	92.94		62.172	10.392		545.16	59.28	44.52	395.1	249.96	522.18	2183.04	216.1	405.09	613.92
22Apr2022	0	106.86		61.548	9.78		643.44	65.52	53.83	426.6	294.66	499.32	1944	221.72	511.65	568.56
23Apr2022	0	92.22		66.768	8.46		391.86	46.83	41.73	348.12	291.52	400.02	1550.88	210.74	402.06	462
24Apr2022	0	81.88		59.676	10.536		602.28	57.48	56.69	367.26	253.82	388.68	1736.64	186.38	435.9	573.36
25Apr2022	0	75.36		70.44	17.004		574.68	75.72	58.75	439.62	294.36	672.24	2206.08	240.9	577.2	754.8
26Apr2022	0	95.22		65.592	11.124		683.76	64.59	56.07	450.36	283.88	588.84	2557.44	226.6	441.84	679.44
27Apr2022	0	102.32		52.5	11.616		610.62	65.7	56.04	424.26	267.92	481.92	2393.28	204	434.82	715.68
28Apr2022	0	90.2		60.756	13.944		595.26	58.41	53.88	392.1	242.92	506.4	2206.08	206.46	366.9	645.84
29Apr2022	0	98.1		61.632	11.928		507.12	56.94	48.78	408	279.32	524.16	1860.48	216.32	473.43	595.44
30Apr2022	0	76.38		64.368	10.092		475.02	52.89	52.04	396.84	292.58	418.38	1664.64	186.38	455.34	547.44
01May2022	0	77.72		53.328	11.148		682.44	57.66	58.78	403.14	316.2	430.26	2090.88	178.62	512.79	638.4
02May2022	0	81.48		58.332	10.884		485.82	64.05	61.41	388.98	267.96	503.28	2167.2	209.34	428.7	682.08
03May2022	0	85.12		54.384	11.268		414.96	56.61	57.39	351.9	235.34	426.78	2073.6	184.72	330.66	613.2
04May2022	0	77.62		48.192	9.3		427.56	56.43	47.64	361.92	232.92	414.72	2057.76	163.26	333.72	566.88
05May2022	0	84.5		41.652	7.884		400.2	49.41	46.81	356.58	212.82	373.98	1923.84	168.46	307.05	584.64
06May2022	0	71.32		44.988	7.2		378.42	52.32	45.35	355.08	217.74	376.56	1448.64	168.84	333.96	500.64
07May2022	0	67.1		39.648	6.864		351.6	48.9	36.81	307.92	213.66	338.7	1313.28	142.12	385.8	470.16
08May2022	0	64.78		42.972	7.716		376.92	49.26	38.6	303.84	147.86	320.4	1226.88	126.74	352.71	429.36

Day	SHELLY OTP SHARE	SOLWAY	[PROTECTED DATA BEGINS…	STRANDQUIST	SYRE	[PROTECTED DATA BEGINS…	UNDERWOOD	URBANK	VERDI	VERGAS	VINING	WAUBUN	WHEATON	WILTON, MN	WIMER LAKE	XCEL GREEN VALLEY
09May2022	0	72.1		47.832	8.796		450.96	55.83	51.33	342.06	226.84	417.78	1903.68	166.34	319.95	557.52
10May2022	0	79.36		48.216	8.064		395.7	46.53	48.23	334.32	175.34	381.96	1791.36	151.32	305.61	546.72
11May2022	0	87.28		43.032	7.86		414.06	47.58	42.67	341.22	163.74	402	1867.68	148.1	298.47	552.24
12May2022	0	86.04		52.176	7.404		408.96	0	0	357.3	159.84	396.36	1648.8	162.12	312.18	534.72
13May2022	0	68.42		50.064	7.188		379.8	63.18	39.33	319.8	158.2	390.18	1519.2	150.72	330.33	536.64
14May2022	0	56.68		48.216	8.688		346.86	52.71	37.15	291.9	206.34	334.26	1234.08	131.54	339.54	426.96
15May2022	0	57.84		46.44	8.28		334.2	49.29	40.09	289.86	209.1	342.48	1177.92	149.84	355.71	431.52
16May2022	0	70.9		49.32	7.272		397.8	50.1	47.31	353.46	199.94	379.08	1920.96	156.56	329.97	516.24
17May2022	0	74.34		43.188	7.968		396.72	53.25	37.9	357	200.2	381.06	1941.12	151.7	287.49	550.08
18May2022	0	77.76		50.988	7.308		389.82	50.25	35.79	364.44	214.36	376.14	1853.28	150.4	305.97	523.92
19May2022	0	86.82		47.64	7.98		387.54	49.11	43.56	335.1	207.52	407.46	1977.12	155.04	306.78	518.4
20May2022	0	85.42		51.528	7.128		473.28	54.54	35.43	386.16	211.58	422.7	1429.92	154.36	366.99	521.04
21May2022	0	72.56		54.54	12.336		413.28	58.83	45.01	409.26	243.36	409.5	1441.44	171.7	491.67	468.96
22May2022	0	76.16		53.16	9.42		385.68	53.37	42.72	379.5	207.52	381.3	1464.48	176.84	423.72	462.96
23May2022	0	69.84		45.06	8.808		367.02	48.63	45.44	349.56	169.46	388.38	1988.64	150.2	324.51	526.8
24May2022	0	72.3		43.2	6.684		352.68	50.28	47.27	359.46	178.44	380.04	1959.84	139.06	304.68	506.4
25May2022	0	74.4		40.728	6.564		427.56	51.27	39.15	343.92	198.06	382.74	1977.12	142.08	325.62	528.48
26May2022	0	69.92		40.704	6.456		357.96	49.92	40	361.86	182.62	339.36	1836	151.78	321.75	540
27May2022	0	76.2		42.048	6.528		356.58	52.26	44.11	356.76	189.02	352.68	1418.4	156.2	390.57	513.12
28May2022	0	58.66		44.22	5.952		285.24	45.42	44.21	278.82	253.32	288.24	1150.56	124.56	362.58	414
29May2022	0	62.22		47.28	6.228		312.66	48	47.45	298.8	258.26	284.52	1199.52	117.26	392.79	460.56
30May2022	0	62.38		43.788	6.264		0	40.35	34.38	288.48	0	306.84	1152	136.74	371.94	416.64
31May2022	0	76.9		45.948	7.308		370.68	46.59	39.9	311.58	136.44	322.2	2034.72	159.92	402	473.28
01Jun2022	0	76.1		47.4	7.524		372.36	53.19	41.8	378.84	181.76	363.66	1990.08	156.56	362.4	547.92
02Jun2022	0	71.54		48.636	7.572		374.52	53.61	45.7	366.78	175.62	370.8	1968.48	151.96	346.92	479.76
03Jun2022	0	62.5		45.684	12.96		354.96	48.69	40.76	338.46	181.36	355.74	1477.44	151.86	360.12	494.88
04Jun2022	0	54.08		45.768	13.068		347.58	46.98	43.74	319.02	186.6	302.46	1244.16	145.68	343.62	384.96
05Jun2022	0	55.72		42.324	14.424		300.6	42.48	42.42	300.42	185.56	271.8	1134.72	136.98	337.74	393.84
06Jun2022	0	64.48		45.324	8.04		377.88	53.19	41.6	308.94	181.16	326.34	1802.88	165.6	354.06	495.6
07Jun2022	0	70.08		47.676	7.968		373.08	54.42	35.63	344.22	189.44	341.94	1801.44	150.14	372.06	500.64
08Jun2022	0	69.16		49.008	6.336		394.62	46.56	37.25	324	184.84	345.18	1857.6	162.96	372.39	475.92
09Jun2022	0	68.98		45.12	7.068		382.5	51.15	37.24	319.02	201.58	344.1	1903.68	156.26	387.69	476.16
10Jun2022	0	67.24		44.256	6.3		331.08	57.72	42.54	312.96	244.56	307.26	1401.12	163.26	336.21	481.92
11Jun2022	0	54.6		48.18	6.444		282.66	50.67	43.1	292.44	245.16	279.48	1245.6	126.54	377.88	414.72
12Jun2022	0	51.58		48.876	6.468		290.52	51.99	41.83	282.54	244.16	266.04	1219.68	129.08	367.89	437.04
13Jun2022	0	70.1		53.88	7.404		420.18	49.44	55.24	345.24	270.4	374.04	2105.28	165.16	390.96	612.24
14Jun2022	0	0		53.424	8.364		456.78	54.75	43.26	361.44	286.86	390.84	2234.88	166.58	468.75	452.4
15Jun2022	0	0		51.552	7.392		392.94	57.6	35.04	364.44	241.26	356.7	2044.8	158.46	460.95	534.48
16Jun2022	0	0		44.976	8.196		375.78	51.45	38.85	343.44	230.98	330.48	1893.6	153.6	381.27	554.4
17Jun2022	0	0		43.488	8.232		317.82	54.09	45.55	330.72	246.52	332.16	1343.52	159.92	410.7	501.36
18Jun2022	0	0		46.956	0		298.44	52.17	48.58	325.86	266.94	285	1261.44	149.94	423.21	457.92
19Jun2022	0	0		56.712	6.552		348.48	57.48	57.78	361.44	294.44	306.12	1585.44	146.84	472.44	527.52
20Jun2022	0	0		70.608	1.272		548.34	81.75	55.58	516.54	343.54	0	2432.16	240.3	641.16	689.04
21Jun2022	0	0		64.788	6.54		441.3	59.28	39.14	394.8	124.92	419.76	2250.72	181.8	444.09	632.4
22Jun2022	0	0		43.464	6.672		383.52	58.32	33.22	358.8	243.34	375.54	2033.28	164.96	426.45	548.88
23Jun2022	0	0		53.076	6.456		430.08	53.88	57.52	351.3	291.62	433.14	1884.96	189.58	404.43	551.04
24Jun2022	0	0		59.82	6.348		418.38	64.35	48.88	408.3	303.9	31.14	1784.16	190.36	435	600.48
25Jun2022	0	0		56.52	6.756		318.96	60.78	47.13	337.68	264.36	326.4	1543.68	157	428.43	503.28
26Jun2022	0	0		40.788	5.988		278.4	47.61	40.46	293.34	188.42	271.2	1127.52	133.72	375.15	408
27Jun2022	0	0		45.048	7.248		371.58	57.93	47.21	348.48	240.44	346.98	1732.32	157.24	383.25	514.32
28Jun2022	0	0		47.532	6.408		425.46	48.09	46.17	339.9	241.76	350.88	1961.28	155.12	391.62	554.64
29Jun2022	0	0		43.956	7.692		400.14	50.19	52.79	330.66	261.4	321.6	1838.88	143.22	397.14	531.12
30Jun2022	0	0		50.136	6.888		420.6	54.42	46.95	340.26	279.72	372.96	2054.88	150.2	373.8	669.6
01Jul2022	0	0		38.736	7.56		351.78	50.43	35.24	331.92	255.56	315.96	1330.56	151.2	404.04	581.28
02Jul2022	0	0		38.328	6.312		336.96	49.14	36.81	311.7	262.38	267.36	1206.72	139.52	423.18	445.68
03Jul2022	0	0		42.492	5.952		343.98	52.95	41.29	319.02	271.7	276.36	1226.88	124.34	383.97	434.64
04Jul2022	0	0		49.644	5.436		365.7	52.92	38.76	312.42	296.66	331.38	1310.4	138.32	411.54	480.24
05Jul2022	0	0		51.192	6.78		473.34	56.28	49.17	375.42	297.26	358.74	1906.56	167.6	518.58	583.92
06Jul2022	0	0		51.024	5.964		422.4	51.69	43.07	364.5	249.12	337.26	2085.12	165.3	491.07	555.36
07Jul2022	0	0		56.976	6.252		447.48	52.35	44.69	395.16	297.04	357.96	2011.68	174.76	467.61	557.52
08Jul2022	0	0		50.112	6.132		390.36	59.58	38.94	349.26	261.28	322.2	1463.04	160.72	438.27	568.56
09Jul2022	0	0		53.796	5.76		357.42	56.58	40.18	319.8	264.24	287.16	1363.68	140.12	395.25	467.76
10Jul2022	0	0		64.116	4.416		406.86	54.45	38.36	366.36	287.3	319.26	1468.8	166.54	472.59	482.88
11Jul2022	0	0		59.448	5.604		466.32	53.73	47.37	365.28	278.5	367.92	1746.72	173.86	463.71	605.04

Day	SHELLY OTP SHARE	SOLWAY	[PROTECTED DATA BEGINS…	STRANDQUIST	SYRE	[PROTECTED DATA BEGINS…	UNDERWOOD	URBANK	VERDI	VERGAS	VINING	WAUBUN	WHEATON	WILTON, MN	WIMER LAKE	XCEL GREEN VALLEY
12Jul2022	0	0		47.316	5.412		445.32	52.65	44.59	348.9	272.98	326.1	1820.16	164.6	420.27	525.12
13Jul2022	0	0		50.46	5.556		428.4	54.03	48.14	347.34	269.12	313.2	1854.72	153.34	430.44	536.4
14Jul2022	0	0		57.528	5.988		396.9	54.57	52.16	363.3	254.62	348.96	1771.2	157.74	439.74	552
15Jul2022	0	0		50.052	7.488		370.32	53.64	55.51	348.06	267.1	340.68	1535.04	160.42	385.92	627.84
16Jul2022	0	0		59.472	6.264		382.8	58.47	51.71	373.74	277.74	326.04	1497.6	165.04	425.94	504.48
17Jul2022	0	0		57.612	6.576		348.3	52.08	40.46	323.88	255.46	304.62	1323.36	155.62	425.7	467.28
18Jul2022	0	0		69.792	6.732		514.32	63	50.53	443.64	281.84	419.52	2093.76	219.74	555.99	603.84
19Jul2022	0	0		65.52	6.384		444.24	67.74	50.74	445.68	302.98	425.34	2325.6	244.04	550.77	717.12
20Jul2022	0	0		55.344	7.092		413.1	55.35	47.48	367.38	275.84	332.94	1941.12	203.32	462.69	619.2
21Jul2022	0	0		54.516	5.784		401.4	58.35	52.81	359.46	259.14	343.02	1958.4	196.52	422.31	574.8
22Jul2022	0	0		54.024	6.216		336.84	67.86	54.32	358.5	237.36	343.44	1556.64	185.78	423.9	593.76
23Jul2022	0	54.56		50.4	8.208		333.72	55.32	50.39	365.16	282.26	291.42	1497.6	142.08	495.81	521.76
24Jul2022	0	54.72		40.08	5.652		312.3	45.03	50.33	303.66	261.14	268.44	1288.8	135.56	434.25	460.8
25Jul2022	0	74.54		45.108	7.92		361.56	44.67	28.18	340.86	192.42	305.52	1650.24	154.14	414.06	511.68
26Jul2022	0	70.66		45.432	6.792		393.72	54.3	35.91	357.24	255.88	346.56	1838.88	164.84	425.58	528.96
27Jul2022	0	65.54		42.264	6.684		383.16	53.97	35.04	340.86	238.6	313.86	1805.76	158.08	414.93	558.96
28Jul2022	0	64.68		46.644	48.576		347.28	48.33	30.95	321.36	242.24	364.02	1630.08	165.1	403.68	514.32
29Jul2022	0	68.98		41.22	48.576		302.64	50.52	27.04	325.86	246.42	397.62	1404	154.98	416.91	542.4
30Jul2022	0	55.9		40.524	48.576		301.2	53.01	32.53	331.44	246.52	282.72	1235.52	133.42	394.17	446.4
31Jul2022	0	59.92		52.872	48.576		330.3	51.06	38.06	349.92	238.88	292.08	1340.64	156.24	441.9	473.52
01Aug2022	0	61.28		43.8	48.576		381.48	53.13	41.66	349.2	259.96	337.02	1738.08	157.34	419.52	644.16
02Aug2022	0	71.34		45.804	9.048		392.94	53.64	45.86	335.46	259.18	398.46	1851.84	153.3	454.32	599.76
03Aug2022	0	68.94		51.696	7.188		419.52	55.05	45.18	396	320.06	398.28	2066.4	183.68	453.96	596.64
04Aug2022	0	66.3		47.532	7.416		377.28	51.54	35.31	327.42	269.34	325.32	1782.72	158.88	403.77	481.68
05Aug2022	0	64.38		54.132	6.42		354.78	50.22	38.52	367.98	276.92	427.62	1562.4	171.84	463.11	559.2
06Aug2022	0	60.72		53.712	5.892		331.62	63.57	37.58	355.38	219.7	306	1378.08	162.94	489.48	516.96
07Aug2022	0	49.48		35.424	6.564		287.82	44.7	40.27	288.9	241	266.88	1224	123.84	433.47	425.28
08Aug2022	0	64.4		45.696	6.552		361.44	44.97	36.13	324.42	187.9	400.62	1751.04	148.02	457.86	507.36
09Aug2022	0	60.38		43.56	5.964		406.2	51.69	28.88	329.58	192.54	338.64	1812.96	162.46	454.53	517.44
10Aug2022	0	70.44		43.02	5.232		394.86	55.11	40.35	373.02	197.82	346.26	1958.4	167.96	515.55	536.88
11Aug2022	0	78.16		44.88	6.18		419.4	49.98	42.53	368.82	143.32	331.2	1980	159.66	404.58	552.48
12Aug2022	0	70.52		47.724	0		341.58	51.18	37.83	384.78	135.1	395.52	1510.56	169.9	0	575.76
13Aug2022	0	54		40.896	6.192		311.34	48.48	36.39	363.54	132.58	281.76	1353.6	153.16	374.25	489.6
14Aug2022	0	51.34		38.46	5.652		291.66	45.66	33.81	327.24	128.88	265.92	1186.56	137.44	390.33	403.68
15Aug2022	0	68.16		48.9	6.312		407.4	46.44	31.01	351.72	128.88	405.24	1797.12	175.6	446.16	525.84
16Aug2022	0	70.7		52.26	6.048		442.56	53.7	31.83	359.28	135	417.3	1945.44	189.36	477.69	514.56
17Aug2022	0	71.62		57.54	5.52		411.18	46.17	38.12	338.1	137.7	422.16	2047.68	182.96	457.05	513.36
18Aug2022	0	81.96		0	5.592		429.9	58.41	32.43	374.4	161.22	371.76	2113.92	182.1	394.23	560.16
19Aug2022	0	67.04		51.588	6.24		350.88	49.14	35.96	328.74	155.8	360.18	1516.32	171.16	385.14	516.72
20Aug2022	0	57.82		51.132	6.264		296.88	48.06	30.04	312.06	168.42	282.9	1249.92	146.06	382.92	422.64
21Aug2022	0	49.88		44.736	5.832		296.22	45.45	30.94	298.74	144.94	275.46	1195.2	131.18	372.84	416.4
22Aug2022	0	66.26		53.688	2.952		380.82	50.22	35.51	340.38	137.48	386.1	1905.12	157.58	412.26	507.84
23Aug2022	0	76.92		54.444	3.108		398.28	51.72	44.84	337.8	135.06	390.96	1997.28	170.7	414.75	540
24Aug2022	0	76.54		49.14	2.796		430.86	51.21	42.52	363.96	135.1	402.06	2076.48	172.98	428.88	535.44
25Aug2022	0	76.92		43.884	3.108		358.92	56.37	30.08	348.48	148.32	362.64	1948.32	174.4	393.18	524.16
26Aug2022	0	73.42		42.396	2.64		325.92	49.44	37.47	325.56	140.24	351.72	1404	166.64	375.33	507.6
27Aug2022	0	56.4		42.084	2.784		303.84	50.94	43.64	337.38	134.94	312.6	1388.16	148.88	385.62	431.52
28Aug2022	0	53.98		47.88	2.832		321.42	46.5	35.27	330.24	137.42	312.42	1352.16	144.9	427.02	439.92
29Aug2022	0	71.92		44.22	3.372		360.6	45.45	33.62	334.38	128.54	393.06	1892.16	172.74	426.51	510.96
30Aug2022	0	66.1		45.096	11.256		339.42	50.01	37.14	316.44	139.42	356.76	1902.24	181	395.91	491.76
31Aug2022	0	72.54		43.02	11.076		378.18	44.37	34.66	334.14	128.64	385.44	1860.48	180.4	414.96	465.6
01Sep2022	0	83.44		44.472	11.292		377.46	47.88	38.19	345.42	138.86	390.54	1846.08	180.6	405.18	624.96
02Sep2022	0	85.38		49.5	10.152		386.04	54.87	38.71	399.36	157.68	377.94	1733.76	189.72	454.35	600.24
03Sep2022	0	61.54		41.88	10.8		292.08	46.89	28.56	292.02	132.64	270.84	1267.2	134.56	416.91	422.88
04Sep2022	0	54.7		40.332	13.476		281.28	40.92	30.3	282.06	128.36	276.84	1192.32	136.1	397.62	409.2
05Sep2022	0	61.84		36.984	11.796		291.96	43.83	28.85	276.36	145.84	333.84	1170.72	136	410.22	390.72
06Sep2022	0	77.02		47.592	10.692		414.36	55.59	38.87	356.4	151.94	401.7	1923.84	196.02	427.32	572.64
07Sep2022	0	78.68		38.88	11.256		412.38	60.21	43.41	357.54	146.06	463.08	2112.48	175.84	455.85	588
08Sep2022	0	86.24		55.272	11.22		445.02	61.86	47.14	394.74	162.32	383.64	2196	227.54	477.6	609.12
09Sep2022	0	79.02		42.024	4.14		381.72	63.18	35.1	349.5	141.46	337.68	1416.96	175	425.85	509.28
10Sep2022	0	57.28		38.604	4.368		297.78	42.57	30.04	283.56	132.38	308.04	1193.76	138.32	432.57	397.2
11Sep2022	0	53.1		37.32	2.916		291.06	38.01	30.46	287.76	117.98	294.66	1056.96	149.72	427.77	373.92
12Sep2022	0	77.38		41.148	3.36		393.6	49.83	34.4	331.98	138.6	381.3	1663.2	164.92	401.52	519.6
13Sep2022	0	76.4		37.116	3.084		353.34	49.83	40.57	312.66	141.78	356.88	1728	153.82	407.25	507.12

Day	SHELLY OTP SHARE	SOLWAY	[PROTECTED DATA BEGINS…	STRANDQUIST	SYRE	[PROTECTED DATA BEGINS…	UNDERWOOD	URBANK	VERDI	VERGAS	VINING	WAUBUN	WHEATON	WILTON, MN	WIMER LAKE	XCEL GREEN VALLEY
14Sep2022	0	78.82		41.736	3.144		369.6	56.16	30.82	331.08	141.3	373.86	1843.2	159.22	375.33	502.32
15Sep2022	0	79.18		40.824	3.096		401.58	56.94	35.43	343.2	134.6	407.64	1784.16	163.8	361.5	570.96
16Sep2022	0	76.84		37.62	2.7		362.82	60.81	33.3	327.18	125.16	381.18	1484.64	184.4	371.73	535.68
17Sep2022	0	59.96		41.028	2.628		287.58	47.58	30.43	293.82	125.98	285.96	1219.68	151.86	353.61	433.2
18Sep2022	0	52.1		35.916	3.156		289.8	51.06	28.63	273.24	127.32	304.8	1111.68	130.3	377.16	412.56
19Sep2022	0	74.42		41.904	3.456		362.22	54.09	30.59	320.64	141.02	383.4	1808.64	172.1	389.73	474
20Sep2022	0	71.92		43.332	3.672		378.72	51.9	33.86	330.6	132.28	353.04	1892.16	166.22	408.69	534.24
21Sep2022	0	79.36		41.88	4.32		355.44	55.89	40.11	314.28	175.86	375.72	1810.08	178.16	356.16	531.12
22Sep2022	0	77.16		41.532	3.996		379.92	51.78	34.59	327.78	178.6	358.32	1715.04	179.28	352.83	523.44
23Sep2022	0	77.6		43.404	4.152		385.14	59.43	41.5	312.48	198.66	388.74	1419.84	161.06	381.09	489.36
24Sep2022	0	61.44		45.984	4.392		328.02	46.89	38.51	291.12	186.06	319.8	1175.04	140.54	384.51	397.44
25Sep2022	0	70.94		40.572	5.268		338.76	52.89	40.57	290.52	175.56	335.28	1103.04	144.16	382.14	421.2
26Sep2022	0	69.02		40.116	5.16		392.7	51.99	41.65	356.64	191.5	371.28	1507.68	161.06	330.36	496.56
27Sep2022	0	81.38		46.956	4.584		407.22	53.49	40.63	365.4	191.66	403.02	1877.76	180.52	344.7	546.96
28Sep2022	0	86.14		48	3.9		390.9	54.69	46.23	366.6	202.26	387.6	1811.52	186.52	349.77	595.2
29Sep2022	0	79.08		45.552	4.464		373.56	51.42	31.38	363.24	253.02	372	1733.76	177.1	338.46	591.12
30Sep2022	0	75.24		43.416	3.78		399.36	57	40.13	346.5	0	340.68	1471.68	166.84	350.07	618.96
01Oct2022	0	56.06		39.072	4.068		314.94	45.72	29.7	307.02	303.16	292.26	1260	135.42	374.37	528
02Oct2022	0	64.44		40.296	4.44		331.26	47.34	25.05	297.18	288.1	282.96	1241.28	131.12	325.92	494.88
03Oct2022	0	68.78		40.896	2.976		365.34	51.06	37.01	343.2	412.22	352.38	1815.84	173.18	307.5	600.24
04Oct2022	0	73.72		38.328	3.972		370.2	49.41	32.16	331.5	400.52	365.82	1811.52	158.2	327.42	572.16
05Oct2022	0	73.6		40.272	3.108		390.9	55.5	23.11	362.94	265.88	351.06	1804.32	189.44	316.44	578.16
06Oct2022	0	89.46		51.084	4.92		433.92	61.77	32.24	365.76	248.56	471.36	1941.12	179.7	311.85	615.6
07Oct2022	0	79.68		48.084	4.8		541.92	63.72	34.77	401.94	277.18	493.44	1761.12	196.02	365.13	801.12
08Oct2022	0	71.84		53.688	4.272		347.88	60.69	30.86	361.2	246.14	354.54	1565.28	188.58	376.89	898.32
09Oct2022	0	75.64		49.116	5.772		372.84	73.23	38.75	362.94	244.74	360.54	1460.16	163.06	411.24	627.84
10Oct2022	0	78.44		46.344	4.656		418.44	51.03	42.15	349.32	233.16	377.22	1896.48	178.26	321.18	924
11Oct2022	0	74.54		43.452	3.54		481.26	52.38	15.9	342.06	246.14	376.98	1850.4	187.7	309	1137.84
12Oct2022	0	78.1		47.412	7.176		498	54.6	40.55	374.16	292.16	484.92	2000.16	168.9	362.1	1001.28
13Oct2022	0	93.82		56.844	10.512		732.36	65.88	46.51	449.4	330.94	587.1	2376	203.76	424.41	1169.52
14Oct2022	0	87.3		54.756	8.616		699.3	70.95	49.94	463.98	330.58	533.28	2124	229.72	477.06	1008.24
15Oct2022	0	69.52		51.588	9.084		526.98	58.86	60.44	435.6	310.28	461.46	1811.52	202.96	452.01	1007.76
16Oct2022	0	80.36		59.064	12.204		643.86	71.4	53.55	446.94	325.78	527.94	1716.48	198.48	473.25	970.32
17Oct2022	0	94.54		59.952	12.06		923.58	70.71	55.07	485.52	332.06	664.14	2642.4	222.3	455.76	1187.76
18Oct2022	0	94.78		57.048	10.56		820.86	63.75	61.47	473.7	324.86	639	2561.76	237.46	467.28	1252.8
19Oct2022	0	90.2		56.4	7.272		684.3	68.88	61.1	398.04	284.58	501.36	2260.8	263.68	414.57	1183.44
20Oct2022	0	84.3		53.304	4.668		531.24	70.44	62	366.48	285.24	387.12	1807.2	216.24	390.51	859.2
21Oct2022	0	77.66		44.316	3.468		467.94	61.02	50.28	360.66	283.5	391.92	1631.52	210.54	384.6	739.2
22Oct2022	0	73.6		48.672	3.444		423	63.36	45.39	330.6	296.5	347.22	1586.88	178.28	459.78	619.44
23Oct2022	0	71.2		54.36	3.12		441.78	59.97	44.01	349.08	356.52	350.16	1618.56	171.5	455.43	564.48
24Oct2022	0	82.62		45.96	4.056		580.08	51.72	35.51	336.54	273.82	520.98	2152.8	166.96	441.24	584.4
25Oct2022	0	86.2		55.332	9.24		505.56	54.78	42.75	398.88	290.62	534.78	2275.2	229.86	431.31	657.6
26Oct2022	0	95.46		55.32	4.596		533.4	60.57	45.46	424.86	222.92	512.52	2144.16	205.14	409.59	620.88
27Oct2022	0	97.54		56.292	4.392		585.84	62.58	42	434.1	291.56	508.2	2230.56	227.26	471.03	700.56
28Oct2022	0	84.9		53.652	4.752		559.98	54.96	44.16	363.36	302.2	398.76	1696.32	198.06	396.69	729.36
29Oct2022	0	65.9		53.004	3.252		414	57.24	43.5	349.5	285.98	383.34	1513.44	173.38	426.99	683.52
30Oct2022	0	79.38		53.94	4.188		415.2	57.54	43.21	362.7	267	388.92	1552.32	189.14	444.03	672.48
31Oct2022	0	67.98		53.892	4.548		499.92	54.09	44.12	379.8	272.52	415.2	1995.84	182.76	384.06	740.16
01Nov2022	0	83.6		49.404	5.388		500.7	58.83	43.33	365.52	309.74	383.1	2027.52	183.68	360.27	625.2
02Nov2022	0	92.32		50.832	4.992		443.46	66.93	42.17	342.72	376.44	385.02	2040.48	158.6	357.99	646.08
03Nov2022	0	90.4		52.872	7.896		679.68	61.23	29.36	360.6	289.52	517.08	2089.44	178.38	423.24	618
04Nov2022	0	94.3		65.532	6.816		673.8	62.61	46.71	422.22	317.98	587.22	1964.16	228.96	461.49	659.52
05Nov2022	0	85.76		62.988	10.956		562.44	58.68	53.27	441.96	311.48	476.82	1884.96	223.94	495.12	665.04
06Nov2022	0	82.26		69.372	27.696		696.48	68.28	45.76	437.04	324.3	506.28	2004.48	217.56	0	670.08
07Nov2022	0	112.94		64.98	27.912		744.42	65.04	52.57	494.76	329.26	636.24	2736	259.16	555.15	829.44
08Nov2022	0	96.9		63.456	11.208		604.38	63.12	50.36	432.72	314.92	556.26	2413.44	245.52	531.54	643.44
09Nov2022	0	110.74		61.908	8.112		699.24	66.06	33.05	439.74	304.68	589.08	2551.68	225.08	520.74	555.12
10Nov2022	0	99.1		82.824	11.244		812.76	66.81	44.88	519.96	342.92	630.54	2652.48	239.54	557.67	357.6
11Nov2022	0	113.68		83.868	14.292		870.06	78.36	57.22	534.66	360.4	708.42	2769.12	247.12	664.08	756.72
12Nov2022	0	97.72		85.608	15.9		850.44	68.67	59.85	526.98	359.52	646.92	2584.8	265.4	669.33	838.8
13Nov2022	0	103.84		81.96	14.964		875.16	60.9	58.69	511.38	349	673.56	2573.28	270.6	670.35	832.56
14Nov2022	0	96.8		65.052	13.932		793.26	70.47	55.37	520.5	353.96	706.26	2759.04	272.38	626.04	899.28
15Nov2022	0	127		67.512	17.028		849.48	69.87	57.67	497.46	345.46	695.52	2907.36	262.66	563.94	885.12
16Nov2022	0	121.46		78.336	16.044		934.02	72.75	52.86	503.52	343.28	731.22	2678.4	256.56	567	853.92

Day	SHELLY OTP SHARE	SOLWAY	[PROTECTED DATA BEGINS…	STRANDQUIST	SYRE	[PROTECTED DATA BEGINS…	UNDERWOOD	URBANK	VERDI	VERGAS	VINING	WAUBUN	WHEATON	WILTON, MN	WIMER LAKE	XCEL GREEN VALLEY
17Nov2022	0	121.62		76.668	16.164		961.92	80.76	63.63	557.94	372.58	762	2792.16	277.9	691.14	913.92
18Nov2022	0	135.36		93.972	17.532		969.72	79.2	65.39	578.94	367.02	730.32	2550.24	284.72	743.7	961.68
19Nov2022	0	122.42		93.072	19.38		899.46	87.81	56.49	610.56	378.16	723.3	2522.88	300.08	796.71	954.24
20Nov2022	0	119.72		86.328	16.116		786.06	75.51	65.64	545.16	352.36	739.5	2243.52	289.66	659.91	778.32
21Nov2022	0	102.72		74.64	15.588		835.32	74.43	58.93	565.14	347.32	719.82	2682.72	309.7	698.76	733.2
22Nov2022	0	127.56		78.54	13.104		836.04	60.6	51.85	523.92	318.46	673.56	2698.56	260	525.51	655.2
23Nov2022	0	102.5		70.296	14.148		683.64	72.45	58.19	483.96	319.52	606.96	2301.12	258.96	525.09	608.4
24Nov2022	0	87.86		72.972	11.856		691.74	57.48	49.13	395.76	310.08	581.1	1975.68	262.7	521.85	620.16
25Nov2022	0	95.02		76.116	15.06		679.44	67.05	58.57	437.28	321.88	609.78	2030.4	267.92	558.09	623.76
26Nov2022	0	85.9		76.296	14.472		601.26	60.63	46.64	421.92	302.36	510.96	1978.56	244.62	504.99	564
27Nov2022	0	80.72		81.804	12.564		658.2	66.9	55.23	507.96	335.36	678.24	2162.88	271.14	565.68	631.92
28Nov2022	0	123.36		75.012	15.12		806.64	65.88	45.79	494.76	321.72	678.78	2548.8	287.22	542.88	702.48
29Nov2022	0	158.08		87.732	17.484		980.28	72.87	60.13	552.3	357.82	773.04	2973.6	311.62	672.3	718.56
30Nov2022	0	171.82		98.544	21.504		1074.18	84.66	66.91	663.84	359.8	945.42	3166.56	338.66	797.73	824.64
01Dec2022	0	152.7		92.688	20.544		864.18	82.74	62.93	569.82	350.76	785.52	2445.12	307.74	647.85	756.24
02Dec2022	0	146.16		78.384	17.724		990.18	78.87	60.88	566.28	348.82	953.46	2649.6	291.26	681.87	740.64
03Dec2022	7.94	149.72		108.432	23.34		896.34	83.04	72.26	675.72	378.54	923.46	2554.56	327.74	898.05	845.28
04Dec2022	0	135.88		102.396	20.364		775.08	80.91	64.08	571.08	342.72	800.46	2224.8	312.16	725.73	798.72
05Dec2022	0	155.16		99.912	16.26		972.12	87.99	69.97	602.34	352.14	930.3	2953.44	304.62	726.24	836.64
06Dec2022	0	143.8		108.852	22.692		1015.08	84.12	60.78	619.86	254.78	893.46	2913.12	339.28	754.02	856.08
07Dec2022	0	186.68		104.376	24.216		1080.3	93.33	70.57	625.62	389.28	940.62	3245.76	353.94	777.9	907.92
08Dec2022	0	168.92		96.12	23.976		943.38	81.27	72.81	606.54	344.22	828.6	2995.2	298.42	697.11	939.6
09Dec2022	0	143.44		85.308	18.384		898.8	76.32	70.45	536.64	333.58	695.22	2476.8	297.76	631.26	813.12
10Dec2022	0	118.34		74.832	13.14		752.4	67.5	60.46	503.7	327.38	657	2257.92	280.18	661.83	776.88
11Dec2022	0	113.42		77.52	8.784		726.3	75.87	68.01	508.86	338.84	639.12	2557.44	261.26	665.19	881.04
12Dec2022	0	133.62		79.524	12.552		870	81.3	75.75	519.24	349.96	714.3	2698.56	307.88	672.45	852.96
13Dec2022	0	155.58		78.036	13.92		804	76.65	66.72	518.64	329.28	673.44	2548.8	272.98	681.81	794.64
14Dec2022	0	132.46		81.456	13.356		760.14	76.2	73.16	537.78	328.36	645.84	2509.92	279.08	628.71	712.32
15Dec2022	0	131.46		81.792	14.112		751.56	77.49	30.8	535.08	323.36	717.12	2544.48	267.58	557.91	694.8
16Dec2022	0	142.96		82.956	15.024		938.64	68.91	79.52	534.42	352.04	753.42	2659.68	289.8	653.16	761.52
17Dec2022	0	143.92		90.048	21.9		907.5	80.04	76.07	622.98	370.2	772.44	2751.84	295.02	737.76	798.72
18Dec2022	2.18	137.9		100.632	22.74		987.42	86.4	74.99	660.12	417.18	928.86	2841.12	333.54	835.44	872.4
19Dec2022	0	171.42		99.252	22.884		912.12	84.78	78.05	667.26	369.3	980.46	3111.84	342.02	722.88	938.16
20Dec2022	23.69	184.54		111.804	28.956		1373.46	93.78	80.42	761.58	449.4	1135.26	3551.04	337.34	820.29	1001.52
21Dec2022	54.92	173.22		118.14	33.288		1254.84	104.67	73.77	781.32	449.7	988.38	3581.28	379.56	944.34	1028.4
22Dec2022	32.69	176.42		113.724	23.712		1316.04	106.44	86.42	832.32	495.8	1090.14	3673.44	392.98	1042.38	1000.8
23Dec2022	46.82	141.94		126.504	23.616		947.52	125.16	94.85	860.28	481.3	961.5	3113.28	376.94	992.64	1049.76
24Dec2022	36.56	154.92		122.604	25.176		1233.54	110.64	90.08	715.38	430.8	1044.72	3199.68	408.88	1025.67	1008.24
25Dec2022	43.13	153.36		111.804	28.284		1136.76	81.48	82.53	696.96	401.12	1026.24	3035.52	385.98	900.99	932.4
26Dec2022	26.66	117.92		114.84	27.396		1078.74	82.68	76.69	656.76	403.28	936.96	3018.24	372.88	797.22	920.64
27Dec2022	0	144.64		103.776	26.28		945.36	79.38	73.53	611.94	356.3	792.3	2724.48	342.3	750.36	804.72
28Dec2022	0	129.38		90.624	20.016		739.38	71.43	64.88	563.52	337.54	697.92	2629.44	317.24	622.17	774.96
29Dec2022	0	128.54		83.832	23.328		919.02	75.3	70.52	564.18	363.34	724.56	2770.56	296.62	683.91	755.04
30Dec2022	0	130.28		95.328	23.268		908.58	81.21	68.47	626.1	340.78	825.06	2610.72	320.6	707.64	701.52
31Dec2022	0	115.84		92.388	16.488		784.2	72.27	75.73	557.58	329.94	684.3	2435.04	319.3	725.73	685.68
			…PROTECTED DATA ENDS]			…PROTECTED DATA ENDS]										

Fund Proj Number	Fund Proj Description	MN IDP Code	Year	MN IDP Costs
D05035.010	AMI - Innovation 2030	e	2023	$16,702,817.96
D02048.0123	Gen Dist New Load 2023	d	2023	$4,197,337.45
D02003.0223	Purchase of DSA Substation	b	2023	$2,508,982.14
7383	UM-Morris Flow Battery Project	e	2023	$2,016,666.63
D05001.0222	Otter Outlet East Feeder	a	2023	$1,900,000.00
D05048.0323	Underground Primary Replace (2023)	a	2023	$1,562,799.88
D05048.0223	General Distribution Replace 2023	a	2023	$1,420,648.00
D05029.0122	DRMS - Innovation 2030	e	2023	$1,054,643.55
D05048.0123	Cut-Out Replacement Program 2023	a	2023	$965,907.05
D02084.011	MN EV DCFC Infrastructure	e	2023	$700,000.00
D05048.078	LED Street & Area Light Conversion	e	2023	$625,000.00
D05048.0423	Strategic OH to UG Conversions 2023	a	2023	$573,870.01
D04048.0123	General Distribution Relocate 2023	f	2023	$453,380.84
D02004.0123	Kerkhoven - New Distribution Line	a	2023	$449,999.75
D03001.0123	Heavy Feeder Fergus	a	2023	$425,000.03
D03010.029	Bemidji:Lavinia Feeder OH-UG Replac	a	2023	$404,000.03
D05001.021	Ottertail City North Feeder	a	2023	$400,000.13
D03048.0123	Gen Dist Reliability-Outage 2023	c	2023	$384,986.48
D05048.0523	Dist Reject Pole Replace (2023)	a	2023	$250,000.00
D03010.0123	Bemidji-S Lake Irving Feeder OH-UG	a	2023	$240,000.00
D05048.0623	SWO -Distrib. 41.6kV & Below (2023)	c	2023	$217,379.11
D05011.0123	Hallock-Hwy 75 Alley OH to UG	a	2023	$120,000.00
D03010.0223	Bemidji-Install Animal Guard 25th S	c	2023	$100,000.00
D05001.0123	Perham-Replace #2 Distribution Cond	a	2023	$80,000.00
D02063.0122	Purchase Meters & Metering Equip	g	2023	$78,043.57
D02063.0123	Purchase Meters & Metering Equipmen	g	2023	$71,956.43
D05001.0323	Rush Otter South Feeder Upgrades	a	2023	$50,000.00
D03048.0223	PQ Tool Budget 2023	c	2023	$37,500.00
D03048.0222	General Dist Reliability-Outage	c	2023	$21,723.29
D05001.0223	Replace Buse Switching Station	a	2023	$20,000.00
D06004.0123	Morris-Build New Distribution Sub	b	2023	$11,770.14
D05035.010	AMI - Innovation 2030	e	2024	$33,086,524.05
D05029.0122	DRMS - Innovation 2030	e	2024	$9,916,775.00
6553	Gen Dist New Load 2024	d	2024	$5,135,000.00
D05001.0323	Rush Otter South Feeder Upgrades	a	2024	$1,850,000.00
6564	Underground Primary Replace (2024)	a	2024	$1,750,000.00
6556	General Distribution Replace 2024	a	2024	$1,610,000.00
7707	Bemidji-115kV New Substation	b	2024	$750,000.00
7211	Cut-Out Replacement Program 2024	a	2024	$750,000.00
7250	Fergus Re-route Dist Dbl Ckt Eagles	a	2024	$750,000.00
D06004.0123	Morris-Build New Distribution Sub	b	2024	$750,000.00
D03031.0123	T&D Unallocated Funds+	h	2024	$750,000.00
D05001.0223	Replace Buse Switching Station	a	2024	$730,000.00
D05048.078	LED Street & Area Light Conversion	e	2024	$500,000.00
7617	Strategic OH to UG Conversions 2024	a	2024	$500,000.00
7903	Fergus-Bury Dist in Alley	a	2024	$300,000.00
7708	Bemidji-Complete S. Express Feeder	b	2024	$250,000.00
D03010.0123	Bemidji-S Lake Irving Feeder OH-UG	a	2024	$250,000.00
7622	Dist Reject Pole Replace (2024)	a	2024	$250,000.00
6554	Gen Dist Reliability Outage 2024	c	2024	$180,000.00
6565	Purchase Meters/Metering Equipment	g	2024	$162,500.00
6555	Gen Distribution Relocate 2024	f	2024	$135,000.00
6562	SWO -Distrib. 41.6kV & Below (2024)	c	2024	$109,272.50
7872	Mahnomen Casino Repl UG Loop Taps	a	2024	$100,000.00
7901	Otter Outlet North Feeder Loop	a	2024	$75,000.00
7562	Garfield-Alex Upgrades	a	2024	$50,000.00

Fund Proj Number	Fund Proj Description	MN IDP Code	Year	MN IDP Costs
7383	UM-Morris Flow Battery Project	e	2024	$50,000.00
7378	PQ Tool Budget 2024	c	2024	$37,500.00
7573	Frazee Distribution OH to UG	a	2024	$20,000.00
7564	Vining-Clitherall Sub Rebuild	a	2024	$10,000.00
D05029.0122	DRMS - Innovation 2030	e	2025	$5,932,551.00
6938	Gen Dist New Load 2025	d	2025	$5,290,000.00
6935	Underground Primary Replace (2025)	a	2025	$2,500,000.00
6940	Gen Dist Replace Budget 2025	a	2025	$1,665,000.00
7707	Bemidji-115kV New Substation	b	2025	$750,000.00
7212	Cut-Out Replacement Program 2025	a	2025	$750,000.00
D05035.010	AMI - Innovation 2030	e	2025	$649,973.28
7315	Bemidji-Birchmont N Feeder OH to UG	a	2025	$600,000.00
D05001.0323	Rush Otter South Feeder Upgrades	a	2025	$600,000.00
7520	Red Lake Falls-Rebuild SW Sub	b	2025	$550,000.00
7573	Frazee Distribution OH to UG	a	2025	$500,000.00
D05048.078	LED Street & Area Light Conversion	e	2025	$500,000.00
7618	Strategic OH to UG Conversions 2025	a	2025	$500,000.00
7564	Vining-Clitherall Sub Rebuild	a	2025	$500,000.00
7908	Frazee-Scalp Lake OH-UG	a	2025	$475,000.00
7361	Purchase Meters & Equipment (2025)	g	2025	$375,000.00
7903	Fergus-Bury Dist in Alley	a	2025	$300,000.00
7516	Potlatch-new 5MVA Sub Transformer	a	2025	$275,000.00
7623	Dist Reject Pole Replace (2025)	a	2025	$250,000.00
D03031.0123	T&D Unallocated Funds+	h	2025	$222,000.00
7562	Garfield-Alex Upgrades	a	2025	$200,000.00
6934	Gen Dist Reliability Outage 2025	c	2025	$185,000.00
7724	Appleton - Dist. Upgrades	b	2025	$150,000.00
7950	Electronic Recloser Installs 2025	e	2025	$150,000.00
6936	Gen Dist Relocate Budget 2025	f	2025	$137,500.00
6937	SWO - Dist 41.6kV & Below (2025)	c	2025	$112,548.00
7557	Browns Valley - Replace Dist. Line	a	2025	$100,000.00
7872	Mahnomen Casino Repl UG Loop Taps	a	2025	$100,000.00
D05001.0322	Battle Lake-Otter Outlet Upgrades	a	2025	$75,000.00
7383	UM-Morris Flow Battery Project	e	2025	$50,000.00
7379	PQ Tool Budget 2025	c	2025	$37,500.00
7251	Brandon Sub - Rebuild	a	2025	$20,000.00
7119	Gen Distribution New Load 2026	d	2026	$5,450,000.00
D05029.0122	DRMS - Innovation 2030	e	2026	$3,634,494.00
7309	UG Primary Replacements (2026)	a	2026	$2,500,000.00
7122	Gen Dist Replace Budget 2026	a	2026	$1,720,000.00
7213	Cut-Out Replacement Program 2026	a	2026	$1,000,000.00
D03031.0123	T&D Unallocated Funds+	h	2026	$712,500.00
D05001.0322	Battle Lake-Otter Outlet Upgrades	a	2026	$525,000.00
7251	Brandon Sub - Rebuild	a	2026	$500,000.00
7858	Louisburg - Replace Dist.	a	2026	$500,000.00
7362	Purchase Meters & Equipment (2026)	g	2026	$500,000.00
7619	Strategic OH to UG Conversions 2026	a	2026	$500,000.00
7564	Vining-Clitherall Sub Rebuild	a	2026	$500,000.00
7909	Frazee-Wimer Lake OH-UG	a	2026	$350,000.00
7951	Electronic Recloser Installs 2026	e	2026	$300,000.00
7624	Dist Reject Pole Replace (2026)	a	2026	$250,000.00
7857	Dawson - Dist. Upgrade	a	2026	$200,000.00
7562	Garfield-Alex Upgrades	a	2026	$200,000.00
D05001.0422	Fergus-Upgrade Dist Cascade-River	a	2026	$195,000.00
7120	Gen Dist Reliability - Outage 2026	c	2026	$195,000.00
7121	Gen Dist Relocate Budget 2026	f	2026	$142,500.00

Fund Proj Number	Fund Proj Description	MN IDP Code	Year	MN IDP Costs
7137	SWO - Distribution (2026)	c	2026	$115,924.44
7383	UM-Morris Flow Battery Project	e	2026	$50,000.00
7380	PQ Tool Budget 2026	c	2026	$37,500.00
7578	Clitherall Distribution OH to UG	a	2026	$20,000.00
7003	New York Mills Dist Upgrades	b	2026	$20,000.00
7561	Frazee - Rebuild Distribution Sub	a	2026	$10,000.00
7611	Gen Distribution New Load 2027	d	2027	$5,615,000.00
D05029.0122	DRMS - Innovation 2030	e	2027	$3,243,926.00
7614	UG Primary Replacements (2027)	a	2027	$2,500,000.00
7604	Gen Dist Replace Budget 2027	a	2027	$1,775,000.00
7714	Red Lake Falls-Uprate to 12.5kV	b	2027	$1,500,000.00
7859	Bellingham-New Sub for New Load	d	2027	$1,000,000.00
7578	Clitherall Distribution OH to UG	a	2027	$1,000,000.00
7214	Cut-Out Replacement Program 2027	a	2027	$1,000,000.00
D03031.0123	T&D Unallocated Funds+	h	2027	$750,000.00
D05001.0322	Battle Lake-Otter Outlet Upgrades	a	2027	$700,000.00
7747	Purchase Meters & Equipment (2027)	g	2027	$625,000.00
7561	Frazee - Rebuild Distribution Sub	a	2027	$600,000.00
7003	New York Mills Dist Upgrades	b	2027	$550,000.00
7620	Strategic OH to UG Conversions 2027	a	2027	$500,000.00
7564	Vining-Clitherall Sub Rebuild	a	2027	$400,000.00
7904	Battle Lake-Bury OH and Create Tie	c	2027	$250,000.00
7625	Dist Reject Pole Replace (2027)	a	2027	$250,000.00
7607	Gen Dist Reliability - Outage 2027	c	2027	$205,000.00
7554	Canby - Replace Dist. Copper	a	2027	$150,000.00
7952	Electronic Recloser Installs 2027	e	2027	$150,000.00
7247	Fergus CSC-Copper/Iron Replace	a	2027	$150,000.00
7552	Murdock - Replace Dist. Copper	a	2027	$150,000.00
7612	Gen Distribution Relocate 2027	f	2027	$147,500.00
7605	SWO - Distribution (2027)	c	2027	$125,000.00
7548	Correll - Replace Dist. Copper	a	2027	$100,000.00
7512	Minto-Bury South End of Feeder	a	2027	$100,000.00
7565	Elizabeth-Erhard Sub Consolidation	a	2027	$50,000.00
7602	Power Quality Tool Budget 2027	c	2027	$37,500.00
4928	Rothsay-Uprate Town and Sub	b	2027	$20,000.00