

BEFORE THE PUBLIC UTILITIES COMMISSION OF NEVADA

Annual Deferred Energy Accounting Adjustment Application of the Electric Division of Sierra Pacific Power Company d/b/a NV Energy for the 12-month period ending December 31, 2023, reset the Temporary Renewable Energy Development Charge, reset all components of the Renewable Energy Program Rate, reset the Base Energy Efficiency Program Rates, reset the Base Energy Efficiency Implementation Rates, reset the Energy Efficiency Program Amortization Rate, reset the Energy Efficiency Implementation Amortization Rate, and reset the Expanded Solar Access Program rate.

Docket No. 24-03 ____

VOLUME 3 OF 9

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RYAN ATKINS - PART 2

EXHIBIT ATKINS-DIRECT-1

STATEMENT OF QUALIFICATIONS

Ryan Atkins
6226 W. Sahara Ave. Las Vegas, NV 89146
Ryan.atkins@nvenergy.com
(702) 402-1788

PROFESSIONAL EXPERIENCE

NV Energy, Las Vegas, NV

Vice President, Resource Optimization & Planning, December 2022 - Present

- Oversight of Resource Optimization and Resource Planning teams
- Development of the Companies' Integrated Resource Plans, Energy Supply Plans, and Gas Information Reports
- Optimization of energy trading activities

Senior Director, Trading Analytics and Operations, February 2021 – December 2022

- Responsible for directing the development and execution of strategies aimed at maximizing the value of the Companies' portfolio of energy supply resources.

Director, Process Improvement, May 2018 – February 2021

- Directed team in charge of business optimization and innovation efforts including automation, process mining, and benchmarking.

Project Manager, Forward Trading, August 2017 – May 2018

- Optimized NV Energy generation portfolio and executed long term power transactions consistent with the Company's risk management guidelines.
- Managed greenhouse gas compliance obligations.

Senior Power Trader, May 2013 – August 2017

- Optimized NV Energy generation portfolio and executed day-ahead power transactions consistent with the Company's risk management guidelines.

Iberdrola Renewables, Portland, OR

Real-Time Power Trader, September 2011 – May 2013

- Executed short-term power transactions to optimize Iberdrola's western energy fleet of wind, hydro, and thermal generation.

NV Energy, Las Vegas, NV

Gas Trader, June 2010 – September 2011

- Optimized NV Energy's gas supply and transport portfolio consistent with the Company's risk management guidelines.

Real-Time Power Trader, August 2007 – June 2010

- Optimized NV Energy generation portfolio on an hour to hour basis and executed short-term hourly power transactions consistent with the Company's risk management guidelines.

EDUCATION

University of Idaho, Moscow, ID
Bachelor of Science, 2007

EXHIBIT ATKINS-DIRECT-2

NV ENERGY

POWER PROCEDURES MANUAL

December 14, 2022

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NV Energy Power Procedures Manual

I. Introduction

Nevada Power Company d/b/a/ NV Energy (“Nevada Power”) and Sierra Pacific Power Company d/b/a NV Energy (“Sierra Pacific Power”) (together, the “Companies”) are engaged in the generation, transmission and distribution of electric energy in Nevada. The Companies deal in the electric energy markets to meet a portion of the energy requirements for their customers.

This manual applies to physical and financial transactions related to the Companies’ power activities, excluding renewable transactions. The primary purpose of this manual is to assure the efficient and accurate processing of power transactions, the effective preparation and distribution of information relating to those activities, and the effective management of those trading activities.

These procedures are consistent with the provisions of the Energy Risk Management and Control Policy. This manual may be updated to reflect changes to the Energy Risk Management and Control Policy.

The Companies have adopted and may in the future adopt other policies and procedures that may impact the Companies’ power activities. This manual will complement the Forward Sales Procedures Manual, Natural Gas Procedures Manual, Energy Risk Management and Control Policy, and Credit Risk Management and Control Policy.

II. Organization Framework

A. **Overview:** The policy framework governing the Companies’ power transactions is set forth in the Energy Risk Management and Control Policy. This section of the manual outlines the responsibilities of the various Company groups to support the Companies’ power procurement and sale activities. These company groups include Credit Risk Management, Energy Supply Contract Management, Fuel and Purchased Power Accounting, Market Analytics, Market Operations and Trading, Resource Planning and Analysis, Risk Control, and Trading Operations.

B. **Credit Risk Management** is responsible for:

- Assessing the creditworthiness of counterparties for transactions related to power;
- Approving counterparties for transactions related to power before the Companies enter into transactions with them;
- Maintaining the Companies’ list of approved counterparties for transactions related to power;
- Maintaining, updating, and reviewing the Master Bidders’ List;
- Monitoring and reporting on the creditworthiness of those counterparties;
- Calculating potential exposures related to power transactions;
- Calculating collateral requirements, if any, to be posted by those counterparties and overseeing the receipt of that collateral;
- Maintaining records of the collateral posted by counterparties; the original collateral is

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kept in Credit Risk Management;

- Resolving credit issues with counterparties;
- Maintaining a list of unresolved credit concerns;
- Reviewing and reporting on information requested by counterparties for collateral or other credit support;
- Reviewing and reporting on credit terms in contracts and confirmations related to power; and
- Notifying Manager, Power and Gas Trading when credit exposure limits have been exceeded and assisting Risk Control in developing the strategy to mitigate risk.

C. Energy Supply Contract Management is responsible for:

- Managing the long-term power contracts including, but not limited to, contract compliance, accounting settlements, dispute resolution, and relationship management;
- Maintaining power counterparty contract and trading status information in the system of record;
- Managing the Confirmation process for power transactions, i.e.,:
 - a) Reviewing the terms and conditions included in Confirmations received from counterparties to ensure consistency with the system of record and Market Operations and Trading, Legal, and Credit Risk Management requirements;
 - b) As required, sending Confirmations to counterparties where the terms and conditions are consistent with the system of record and Market Operations and Trading, Legal, and Credit Risk Management requirements; and
 - c) Facilitating the Confirmation execution process.
- Leading the negotiation process of master agreements, if applicable;
- Maintaining the master agreements and associated power Confirmations in accordance with the Corporate Records Retention Schedule;
- Notifying Executive Management per the Energy Supply Commitment Threshold Notification level set forth in the Energy Risk Management and Control Policy; and
- Providing general contract support to Resource Optimization, Credit Risk Management, Legal, Resource Planning and Analytics, and Fuel and Purchased Power Accounting.

D. Fuel and Purchased Power Accounting is responsible for:

- Verifying the accuracy of invoices received by the Companies for transactions related to short-term power;
- Resolving issues regarding those invoices;
- Submitting final invoices to authorized personnel for approval;
- Processing settlement packages and presenting them to Accounts Payable or Treasury for payment;
- Processing approved pre-payments and presenting them to Accounts Payable or Treasury for payment;
- Preparing and issuing invoices for sales of power to counterparties;
- Ensuring the timely collection of receivables attributable to sales of power;
- Verifying the settlement amounts from financial transactions;
- Supervising the payment and receipt of all settlements flowing from financial transactions related to power;

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- Preparing or assisting with the preparation of periodic reports;
- Accounting for all transactions related to power; and
- Working with Risk Control to arrange for the adjustment of the Companies' records if necessary to reflect data from the final invoices;
- Completing the settlement process for financial options based on information from the system of record; and
- Reconciling the accounts to confirm the accuracy of the power accounting.

E. Resource Optimization is responsible for the following duties related to transactions for real-time, day-ahead, current month, and less than three-years:

- Maintaining Federal Energy Reliability Commission ("FERC") compliance, providing supporting documentation for proper use of network integrated transmission service and temporarily undesignating designated resources to facilitate third party wholesale sales;
- Executing transactions in accordance with the Energy Risk Management and Control policy, and in compliance with regulatory requirements, company policies, procedures, and the Energy Supply Plans;
- Originating and negotiating transactions including, utilizing unused assets, daily and balance of the month optimization;
- Price discovery;
- Orally executing transactions with counterparties via recorded telephone line;
- Recording incidents of material supplier non-performance and other unacceptable acts or omissions, and notifying Manager, Power and Gas Trading;
- Logging all information relevant to power trading activities;
- Coordinating the physical delivery of power in accordance with WECC and NERC requirements;
- Identifying prospective counterparties;
- Presenting viable counterparties to Credit Risk Management for review and approval;
- Entering data for the Companies transactions related to power into the deal capture system;
- Checking transactions for compliance with limits and seeking prior approval if a transaction will exceed approvals set forth in Appendix A;
- Amending transactions per Risk Control;
- Review and approval of invoices and confirmations related to power transactions;
- Corresponding with counterparties to determine market opportunities;
- Managing unsolicited proposals;
- Issuing and facilitating the request for proposal process;
- Corresponding directly with counterparties throughout a request for proposal process;
- Negotiating transactions directly with counterparties;
- Preparing or assisting with the preparation of periodic reports; and
- Records retention associated with request for proposals or unsolicited proposals.

F. Market Analytics is responsible for the following duties related to transactions for the day-ahead and less than two years:

- Preparing short-term forecasts of customer energy requirements;

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- Providing analytical support and documentation for request for proposals, daily, monthly and forward trading activities including physical power, financial power products, and transmission;
- Preparing or assisting with the preparation of periodic reports;
- Monitoring the status, operational limits, and availability of generating plants;
- Communicating anticipated load requirements to the balancing authority;
- Developing, establishing, implementing, and maintaining methodologies, models, and techniques facilitating energy risk management, as necessary;
- Determining the marginal, incremental and decremental costs associated with generation assets;
- Designating network resources;
- Monitoring transmission availability throughout the Western Electric Coordinating Council (“WECC”);
- Reconciling settlement discrepancies; and
Performing merchant settlement validation of California Independent System Operator transactions.

G. Resource Planning and Analysis is responsible for:

- Developing forecasts of power prices;
- Developing the Companies’ Energy Supply Plans;
- Analyzing power transaction opportunities for products longer than three years in duration;
- To the extent necessary, analyzing power related resources available to the Companies to help to ensure the optimal choice of resources; and
- Preparing or assisting with the preparation of periodic reports.

H. Risk Control is responsible for:

- Preparing or assisting with the preparation of periodic reports;
- Comparing actual power deliveries received by the Companies to the quantities shown in the Companies’ records and notifying Power Optimization of any discrepancies;
- Arranging for the adjustment of data entered into the deal capture system if necessary to reflect data from tapes of transactions, final invoices and/or other records; and
- Monitoring compliance with the Companies’ policies per the Energy Risk Management and Control Policy.

I. Trading Operations is responsible for:

- Preparing real-time forecasts of customer energy requirements;
- Providing analytical support and documentation to facilitate real-time power transactions;
- Communicating anticipated load requirements to the balancing authority;
- Determining the marginal, incremental and decremental costs associated with generation assets;
- Identifying resources in excess of committed generation available for potential sales;
- Providing timely and accurate reporting of information on the operating status of power supply resources;

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- Submitting resource plans representing the Companies' hourly level demand forecasts; and
- Providing timely and accurate forecast data (i.e. expected load, imports, and exports) during the operating hour.

III. Optimizing Power Assets

In accordance with the Energy Risk Management and Control Policy and in compliance with all regulatory requirements and company policies, and obligations the companies will:

- Develop strategies
- Establish trading partners
- Analyze positions
- Determine potential opportunities
- Prepare valuations
- Provide analytical support and documentation for trading activities and hedging
- Execute transactions in accordance with the approved Energy Supply Plans
- Control risk, accuracy and assurance
- Conduct performance review
- Record retention

A. Energy Supply Plans: Each of the Companies will maintain an approved Energy Supply Plan to govern the purchase and sale of power and the associated transmission services. Power transactions are entered into pursuant to the Companies' Energy Supply Plan. The Companies will not execute any material transactions that deviate from the approved Energy Supply Plans without the prior approval of the Risk Committee.

B. Approved Suppliers: Credit Risk Management is responsible for maintaining the Companies' lists of approved suppliers. The Companies will not execute any transactions with entities that are not in the approved system of record.

A prospective supplier may be added to the list of approved suppliers after its ability to perform in accordance with its commitments has been confirmed. Credit Risk Management is responsible for soliciting the information needed to investigate a prospective supplier. Credit Risk Management is responsible for evaluating the prospective supplier's performance and financial condition. The prospective supplier will only be added to the list of approved suppliers if the performance and financial reviews support a conclusion that the prospective supplier will be able to perform in accordance with the obligations inherent in the types of transactions for which the supplier is being considered.

A supplier may be removed from the list of approved suppliers:

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- If additional transactions with the supplier would cause limits set forth in the Energy Risk Management and Control Policy to be exceeded¹; Credit Risk Management is responsible for monitoring the status of the suppliers. Credit Risk Management will return suppliers which have been removed from the list because of pending transactions, to the list after the transactions have been completed;
- If the supplier's financial condition changes in a manner that materially erodes its creditworthiness; Credit Risk Management is responsible for monitoring the financial condition of the suppliers. Normally, Credit Risk Management will return suppliers, which have been removed from the list because of their financial conditions, to the list after their financial condition improves;
- If the supplier is involved in arbitration or litigation to settle disputes with the Companies;
- If the supplier sells its assets or takes other actions indicative of its desire to exit the business; or
- If the supplier fails to perform in accordance with its commitments or otherwise acts in a manner that undermines the Companies' efforts to acquire competitively priced power and transmission services consistent with its plans. Market Operations and Trading, and Energy Supply Contract Management are responsible for recording material failures to perform and other acts or omissions deemed unacceptable. Market Operations and Trading, and Energy Supply Contract Management are also responsible for recommending disqualification of a supplier to Credit Risk Management if justified by failure to perform or other acts or omissions.

C. Written Contracts: The Companies will not enter into any power transaction without a written contract delineating the associated terms and conditions. The contract may be an agreement developed for a specific transaction, a standard agreement developed by the Companies, or a master agreement. Master agreements will include, but not limited to the International Swap and Derivatives Association ("ISDA") Agreement with a Power Annex, Edison Electric Institute, Western Systems Power Pool ("WSPP") Agreement, or California Carbon Allowance ("CCA").

Energy Supply Contract Management is responsible for the negotiation of master agreements, if applicable, and other contracts with approved suppliers with support from Legal, Resource Optimization, and Credit Risk Management. Market Operations and Trading is responsible for the negotiation of all short-term transactions (as defined below) that are not entered exclusively pursuant to a master trading agreement. Energy Supply Contract Management facilitates the management of the associated Confirmations per the

¹ The available exposure limit for the supplier may be set to zero as an alternative to removing the supplier from the list.

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Energy Risk Management and Control Policy and Power Procedures Manual. Master Agreements and associated Confirmations are maintained in accordance with the Corporate Records Retention Schedule.

D. Long-Term Transactions: Standard power transactions beyond the current month and less than three-years will be originated and negotiated by Resource Optimization. Transactions may be executed using a request for proposals process or through direct negotiation.

- **Financial Power:** The Companies may acquire financial instruments² in conjunction with their power procurement efforts.
 - a) **Decision to Proceed:** Market Analytics will provide analytical support and documentation of financial power positions. Power Trading will establish the timing and scope of financial power transactions.
 - b) **Market Surveys:** Power and Gas Trading will contact one or more prospective suppliers to determine the prevailing market price and associated terms and conditions for financial instruments. The prospective supplier or suppliers will be drawn from the Companies' list of approved suppliers. The timing and the manner of the market surveys will be consistent with the practices of the markets that are being surveyed. Power and Gas Trading will document the information obtained during the market surveys.
 - c) **Evaluation:** Power and Gas Trading, with the assistance of Resource Planning and Analysis, and/or Market Analytics will evaluate the opportunities available to the Companies. The evaluations will primarily address economic considerations.
 - d) **Origination of Transactions:** Power and Gas Trading will check the transaction to ensure compliance with the limits set forth in the Appendix A. If a proposed transaction exceeds one or more limits, the Power Trader will contact the Manager, Power and Gas Trading and await their authorization to proceed or other instructions prior to originating the proposed transaction. Power and Gas Trading will execute transactions over recorded telephone lines, under written confirmations, or on acceptable exchanges.
 - e) **Documentation of Transactions:** Power and Gas Trading will document all transactions involving financial instruments by entering the pertinent information into the system of record.
- **Physical Power:** The Companies may acquire physical power in conjunction with their power procurement efforts.

² The types of financial instruments are defined in the Energy Risk Management and Control Policy.
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- a) **Decision to Proceed:** Resource Planning and Analysis and/or Market Analytics will provide analytical support and documentation of physical power positions. Power and Gas Trading will establish the timing and scope of physical power transactions.
 - b) **Market Surveys:** Power and Gas Trading will contact one or more prospective suppliers to determine the prevailing market price and associated terms and conditions for physical power. The prospective supplier or suppliers will be drawn from the Companies' list of approved suppliers. The timing and the manner of the market surveys will be consistent with the practices of the markets that are being surveyed. Power and Gas Trading will document the information obtained during the market surveys.
 - c) **Evaluation:** Power and Gas Trading, with the assistance of Resource Planning and Analysis, and/or Market Analytics will evaluate the opportunities available to the Companies. The evaluations will primarily address economic considerations.
 - d) **Origination of Transactions:** Power and Gas Trading will check the transaction to ensure compliance with the limits set forth in Appendix A. If a proposed transaction exceeds one or more limits, the Power Trader will contact the Manager, Power and Gas Trading and await their authorization to proceed or other instructions prior to originating the proposed transaction. Market Operations and Trading will execute transactions over recorded telephone lines, under written confirmations, or on acceptable exchanges.
 - e) **Documentation of Transactions:** Power and Gas Trading will document all transactions involving physical power by entering the pertinent information into the system of record.
- E. Short-Term Transactions:** Physical power transactions including real time, day ahead and balance of the month will be originated and negotiated by Power Trading. Variations in the Companies' power requirements and/or the availability of generating capacity may create opportunities for sales of power. For sales of power into California, California Carbon allowances ("CCAs") are required pursuant to the California Air Resource Board ("CARB") cap-and-trade regulations which are in sections 95800 to 96023 of Title 17, California Code of Regulations. Power transactions with terms within the current month often must be executed quickly because of reliability and related considerations. If the amount of a transaction exceeds the guidelines set forth in Appendix A, the Power Trader will notify the Manager, Power and Gas Trading as soon as practicable after executing the transaction. Additionally, the Power Trader will adhere with the limits set forth in the Appendix A. Transactions must be in compliance with FERC, Public Utilities Commission of Nevada ("PUCN"), and Company policies and procedures.

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- a) **Decision to Proceed:** Market Analytics and/or Trading Operations will provide analytical support and documentation for power transactions. Power Trading will determine carbon allowance requirement associated with sales of power into California.
 - b) **Price Discovery:** Power Trading will determine the prevailing market price for power and carbon allowance transactions using methods including but not limited to, contacting suppliers, brokers, and Intercontinental Exchange.
 - c) **Origination of Transactions:** Power Trading will transact in accordance with the Companies' policies and procedures. Market Operations and Trading will check the transaction to ensure compliance with the limits set forth in the Appendix A. If a proposed transaction exceeds one or more limits, the Power Trader will contact the Manager, Power and Gas Trading and await their authorization to proceed or other instructions prior to originating the proposed transaction. Power and Gas Trading will execute transactions over recorded telephone lines, under written confirmations, or on acceptable exchanges. Transactions must be in compliance with FERC, PUCN, and Company policies and procedures.
 - d) **Confirmations:** When transacting with a counterparty, Energy Supply Contract Management will adhere to the Confirmation requirements of the WSPP Agreement as well as the Energy Risk Management and Control Policy.
 - e) **Documentation of Transactions:** Power Trading will document all transactions involving physical power by entering the pertinent information into the system of record.
- F. Transmission Service Transactions:** Power Trading may purchase point to point transmission from entities on the list of approved suppliers with which the Companies have executed any required transmission service agreement(s). Power Trading may purchase transmission for delivery of physical energy to a load or approved counterparty.
- G. Fuel and Purchased Power Accounting:** Fuel and Purchased Power Accounting is responsible for the Companies' accounting, billing, collection, and reporting efforts as they pertain to power.
- a) **Supplier Invoices:** Accounting is responsible for processing supplier invoices pertaining to short-term power and transmission. Energy Supply Contract Management, Risk Control, Market Analytics, and Power and Gas Trading will assist Accounting with the resolution of settlement discrepancies if necessary.
 - b) **Sales Invoices:** Accounting is also responsible for processing invoices for short-term power sales by the Companies. Energy Supply Contract Management, Risk Control, Market Analytics, and Power and Gas Trading will assist Accounting with the resolution of settlement discrepancies if necessary.

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- c) Adjustments to Database(s): Risk Control will direct Power and Gas Trading to adjust the system of record to reflect the final settlements with the buyers and suppliers.

H. Records Retention: The Companies have adopted a Records Retention Policy governing the retention of documents. Records related to the Companies' power procurement activities will be retained in accordance with the policy.

I. Confidentiality: All data and documents retained in conjunction with the Companies' power procurement efforts will be deemed commercially sensitive if they contain:

- a) The names of counterparties;
- b) The prices paid or received for power or transmission services; or
- c) Other information covered by the confidentiality provisions of the Companies' contracts.

Commercially sensitive data and documents should only be distributed only to the employees of the Companies who need access to the data and documents during the performance of their assigned duties.

Commercially sensitive data and documents should not be provided to anyone outside the Companies without the prior approval of the Legal Department.

IV. Approval and Modifications

This manual has been approved by the Risk Committee. The Vice President, Resource Optimization is responsible for conducting an ongoing review of the appropriateness of this manual and for the formulation of recommended changes to this manual. The recommended changes will be presented to the Risk Committee for review and approval.

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Appendix A: Approval Guidelines per Transaction Title	Limit – RFPs and Daily Trades*
<i>Chief Executive Officer, Berkshire Hathaway Energy Company</i>	<i>Unlimited</i>
<i>Chief Executive Officer</i>	<i>\$100,000,000</i>
<i>Senior Vice President, Chief Financial Officer and Treasurer</i>	<i>\$25,000,000</i>
<i>Vice President, Resource Optimization^{[1],[2]}</i>	<i>\$12,500,000</i>
<i>Director, Trading Analytics & Operations^{3,[3]}</i>	<i>\$7,500,000</i>
<i>Director, Contract Management and Special Programs (Amendments/Settling disputes only)</i>	<i>\$7,500,000</i>
<i>Manager, Power and Gas Trading</i>	<i>\$5,000,000</i>
<i>Resource Optimization Manager</i>	<i>\$5,000,000</i>
<i>Traders</i>	<i>\$1,000,000</i>

Approval of invoices are subject to dollar thresholds in the Corporate Governance and Approvals Policy.

*** To ensure reliability, approvals of daily trades may happen after trade execution.**

^[1] Applies to transactions longer than one month

^[2] Applies to transactions pertaining to the table in Appendix D, Section C

^[3] Applies to transactions pertaining to the table in Appendix D, Section B

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Appendix B: Policy Revision Log

Date	Revision(s)
December 22, 2014	Modified existing policy 1. Modified the title page and the table of contents page 2. Modified the introduction language 3. Updated titles and department names 4. Modified the organization framework language and responsibilities: • Removed Power Contracts • Added Power Origination • Moved the Power Contracts responsibilities to Power Origination • Added Commercial Trading and Strategy • Replaced Power Optimization with Market Operations and Trading • Removed Transaction and Market Analysis • Moved the Transaction and Market Analysis responsibilities to Portfolio Analytics 5. Modified the confirmation language and referenced adherence to the WSPP Agreement and the Energy Risk Management and Control Policy. 6. Added a policy revision log
December 18, 2019	Modified existing policy 1. Updated titles and department names 2. Added responsibilities associated with the companies' participation in the California Independent System Operation's Energy Imbalance Market 3. Modified the organization framework language and responsibilities: • Removed Commercial Trading and Strategy • Removed Power Origination • Added Trading Operations • Moved the Commercial Trading and Strategy responsibilities to Market Analytics • Moved Power Origination responsibilities to Market Operations and Trading
November 17, 2021	Modified existing policy 1. Manager, Market Operations and Trading was replaced throughout the policy with the new role of Manager, Power and Gas Trading 2. Revised one of the responsibilities of Energy Supply Contract Management

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	3. Market Operations and Trading was replaced throughout the policy with Resource Optimization
December 14, 2022	Modified existing policy 1. Updated title changes through-out the procedures 2. Increased CEO limits to \$100,000,000

EXHIBIT ATKINS-DIRECT-3

NV ENERGY

NATURAL GAS PROCEDURES MANUAL

December 14, 2022

NV Energy Natural Gas Procedures Manual

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NV Energy Natural Gas Procedures Manual

I. Introduction

Nevada Power Company d/b/a NV Energy (“Nevada Power”) and Sierra Pacific Power Company d/b/a NV Energy (“Sierra Pacific Power”) (together, the “Companies”) are engaged in the generation, transmission and distribution of electric energy in Nevada and the distribution of natural gas in northern Nevada through the Gas Division of Sierra Pacific Power. The Companies deal in the natural gas markets to meet a portion of the energy requirements of their customers.

This manual applies to all physical and financial transactions related to the Companies’ natural gas activities. The primary purpose of this manual is to assure the efficient and accurate processing of natural gas transactions, the effective preparation and distribution of information relating to those trading activities, and the effective management of those trading activities.

These procedures are consistent with the provisions of the Energy Risk Management and Control Policy. This manual may be updated to reflect changes to the Energy Risk Management and Control Policy.

The Companies have adopted and may in the future adopt other policies and procedures that may impact the Companies’ natural gas activities. This manual will complement the Power Procedures Manual, Energy Risk Management and Control Policy, and Credit Risk Management and Control Policy.

II. Organization Framework

A. Overview: The policy framework governing the Companies’ natural gas transactions is set forth in the Energy Risk Management and Control Policy. This section of the manual outlines the responsibilities of the various Company groups to support the Companies’ natural gas procurement and sale activities. These company groups include: Credit Risk Management, Energy Supply Contract Management, Fuel and Purchased Power Accounting, Market Analytics, Market Operations and Trading, Resource Planning and Analysis, Risk Control, and Trading Operations.

B. Credit Risk Management is responsible for:

- Assessing the creditworthiness of counterparties for transactions related to natural gas;
- Approving counterparties for transactions related to natural gas before the Companies enter into transactions with them;
- Maintaining the Companies’ list of approved counterparties for transactions related to natural gas;
- Maintaining, updating, and reviewing the Master Bidders’ List;
- Monitoring and reporting on the creditworthiness of counterparties;
- Calculating potential exposures related to natural gas transactions;
- Calculating collateral requirements, if any, to be posted by counterparties and overseeing the receipt of collateral;

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- Maintaining records of the collateral posted by counterparties; the original collateral is kept in Credit Risk Management;
- Resolving credit issues with counterparties;
- Maintaining a list of unresolved credit concerns;
- Reviewing and reporting on information requested by counterparties for collateral or other credit support;
- Reviewing and reporting on credit terms in contracts and confirmations related to natural gas; and
- Notifying Manager, Power and Gas Trading when credit exposure limits have been exceeded and assisting Risk Control in developing the strategy to mitigate risk.

C. Energy Supply Contract Management is responsible for:

- Leading the negotiation process of Master Trading Agreements for physical and financial natural gas transactions (e.g. North American Energy Standards Board (“NAESB”) Agreement, International Swap and Derivatives Association (“ISDA”) Agreement);
- Maintaining the master trading agreements and associated physical and financial gas Confirmations and physical gas transportation contracts in accordance with the Corporate Records Retention Schedule;
- Maintaining physical and financial gas counterparty contract and trading status information in the system of record;
- Managing the Confirmation process for gas transactions, i.e.,:
 - Reviewing the terms and conditions included in Confirmations received from counterparties to ensure consistency with the system of record and Legal, and Credit Risk Management requirements;
 - As required, sending Confirmations to counterparties where the terms and conditions are consistent with the system of record and Legal, and Credit Risk Management requirements;
 - Facilitating the Confirmation execution process;
- Maintaining the NV Energy Contact List for use by the physical gas transportation counterparties;
- Notifying Executive Management per the Energy Supply Commitment Threshold Notification level set forth in the Energy Risk Management and Control Policy;
- Facilitating the annual renewal process, as needed, for physical gas transportation contracts;
- Acting as a liaison between physical gas transportation counterparties (whose pipelines interconnect with NV Energy’s generating units) and Resource Optimization to ensure the reason, timing, and duration of pipeline planned outages is transparent and agreeable to Resource Optimization and the Balancing Authority, to the extent feasible;
- Verifying natural gas transport pipeline invoices;
- Resolving issues regarding those invoices; and
- Providing general contract support to Resource Optimization, Credit Risk Management, Legal, Resource Planning and Analysis, and Fuel & Purchased Power Accounting.

D. Fuel and Purchased Power Accounting is responsible for:

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- Verifying the accuracy of invoices received by the Companies for transactions related to natural gas;
- Resolving issues regarding those invoices;
- Submitting final invoices to authorized personnel for approval;
- Processing settlement packages and presenting them to Accounts Payable or Treasury for payment;
- Processing approved pre-payments and presenting them to Accounts Payable or Treasury for payment;
- Preparing and issuing invoices for sales of natural gas to counterparties;
- Ensuring the timely collection of receivables attributable to sales of natural gas;
- Verifying the settlement amounts from financial transactions;
- Supervising the payment and receipt of all settlements flowing from financial transactions related to natural gas;
- Preparing or assisting with the preparation of periodic reports;
- Preparing and submitting FERC forms;
- Accounting for all transactions related to natural gas;
- Working with Risk Control to arrange for the adjustment of the Companies' records if necessary to reflect data from the final invoices;
- Completing the settlement process for financial options based on information from the system of record; and
- Reconciling the accounts to confirm the accuracy of the natural gas accounting.

E. Resource Optimization is responsible for:

- Executing transactions in accordance with the Energy Risk Management and Control Policy, and in compliance with regulatory requirements, company policies, procedures, and the Energy Supply Plans;
- Identifying opportunities to optimize the energy portfolio;
- Originating, negotiating and executing natural gas transactions, including physical and financial natural gas request for proposals, utilizing unused assets, for balancing and optimization;
- Originating, negotiating and executing asset management agreements, natural gas supply for purchase power agreements, and transport and storage contracts less than 2 years;
- Originating, negotiating and executing oil, diesel, and propane freight and commodity agreements;
- Issuing and facilitating all natural gas request for proposal process;
- Price discovery;
- Acquiring sign off for the physical gas request for proposal, principles document and transaction plans;
- Review and approval of invoices and confirmations related to natural gas transactions;
- Assisting with the development of the portion of the Companies' Energy Supply Plans pertaining to gas;
- Coordinating the physical delivery of natural gas in accordance with industry standards;
- Identifying prospective counterparties;
- Presenting viable counterparties to Credit Risk Management for review and approval;

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- Preparing or assisting with the preparation of periodic reports;
- Entering data for the Companies transactions related to natural gas into the deal capture system;
- Recording incidents of material supplier non-performance and other unacceptable acts or omissions, and notifying Manager, Power and Gas Trading;
- Checking transactions for compliance with limits and seeking prior approval if a transaction will exceed limits set forth in Appendix A;
- Amending transactions per Risk Control;
- Not allowing increased refreshed bids related to financial gas transactions;
- Corresponding directly with Credit Risk Management and Legal to finalize contract language;
- Acting as the 24 hour emergency point of contact for gas pipelines' operations groups;
- Logging gas resource adequacy conditions, emergency conditions, and other required information relating to gas; and
- Maintaining FERC compliance including shipper must have title rule and prohibited buy-sell rule.

F. Market Analytics is responsible for the following duties related to transactions for the day-ahead and less than two years:

- Preparing short-term forecasts of natural gas requirements for generating plants (gas requirements for the Gas Division are provided by Gas Distribution);
- Preparing or assisting with the preparation of periodic reports;
- Providing analytical support and documentation for request for proposals, daily, and forward trading activities including physical gas, financial products, and transportation;
- Providing analytical support and documentation for gas hedging;
- Preparing or assisting with the preparation of periodic reports;
- Monitoring compliance with the Companies' policies per the Energy Risk Management and Control Policy; and
- Developing, establishing, implementing, and maintaining methodologies, models, and techniques facilitating energy risk management, as necessary.

G. Resource Planning and Analysis is responsible for:

- Preparing estimates of the natural gas required to meet those energy requirements;
- Developing forecasts of natural gas prices;
- Developing the long term gas transportation strategy;
- Developing the Companies' Energy Supply Plans and Sierra Pacific Power's Gas Information Report;
- Provide gas burn projections for the physical gas request for proposals;
- Analyzing long term (two or more years) gas related resources available to the Companies to help to ensure the optimal choice of resources;
- Originating, negotiating and executing transport and storage contracts greater than two years;
- Preparing or assisting with the preparation of periodic reports;
- Facilitating the amendment process for physical gas transportation contracts;

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- Monitoring Federal Energy Regulatory Commission (“FERC”) filings;
- Monitoring pipeline tariff filings;
- Facilitating natural gas hedging workshops with members of the Public Utilities Commission of Nevada (“PUCN”) and the Bureau of Consumer Protection; and
- Assisting with FERC proceedings related to natural gas interstate pipelines.

H. Risk Control is responsible for:

- Verifying that the actual MMBtu and \$/MMBtu within the deal capture system are correct and notifying Market Operations and Trading of any discrepancies;
- Enter indices into the deal capture system;
- Arranging for the adjustment of data entered into the deal capture system if necessary to reconcile data from tapes of transactions, final invoices and/or other records;
- Providing mark-to-market for financial gas hedges at current forward;
- Preparing or assisting with the preparation of periodic reports; and
- Monitoring compliance with the Companies’ policies per the Energy Risk Management and Control Policy.

I. Trading Operations is responsible for:

- Preparing real-time forecasts of natural gas requirements for generating plants (gas requirements for the Local Distribution Company are provided by Gas Operations within Gas Delivery);
- Logging gas resource adequacy conditions, emergency conditions, and other required information relating to gas; and
- Managing generating plants gas usage within tolerances.

III. Optimizing Natural Gas Assets

In accordance with the Energy Risk Management and Control Policy and in compliance with all regulatory requirements and Company policies, and obligations, the Company will:

- Develop strategies
- Establish trading partners
- Analyze positions
- Determine potential opportunities
- Prepare valuations
- Provide analytical support documentation for trading activities and hedging
- Execute transactions in accordance with the approved Energy Supply Plans
- Control risk, accuracy and assurance
- Conduct performance review
- Record retention

A. Energy Supply Plans: Each of the Companies will maintain an approved Energy Supply Plan to govern the purchase and sale of natural gas and the associated transportation services. Natural gas transactions are entered into pursuant to the Companies Energy

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Supply Plans. The Companies will not execute any material transactions that deviate from the approved Energy Supply Plans without the prior approval of the Risk Committee.

- B. Approved Suppliers:** Credit Risk Management is responsible for maintaining the Companies' lists of approved suppliers. The Companies will not execute any transactions with entities that are not in the approved system of record.

A prospective supplier may be added to the list of approved suppliers after its ability to perform in accordance with its commitments has been confirmed. Credit Risk Management is responsible for soliciting the information needed to investigate a prospective supplier. Credit Risk Management is responsible for evaluating the prospective supplier's performance and financial condition. The prospective supplier will only be added to the list of approved suppliers if the performance and financial reviews support a conclusion that the prospective supplier will be able to perform in accordance with the obligations inherent in the types of transactions for which the supplier is being considered.

A supplier may be removed from the list of approved suppliers:

- If additional transactions with the supplier would cause limits set forth in the Energy Risk Management and Control Policy to be exceeded¹, Credit Risk Management is responsible for monitoring the status of the suppliers. Credit Risk Management will return suppliers, which have been removed from the list because of pending transactions, to the list after the transactions have been completed;
- If the supplier's financial condition changes in a manner that materially erodes its creditworthiness, Credit Risk Management is responsible for monitoring the financial condition of the suppliers. Normally, Credit Risk Management will return suppliers, which have been removed from the list because of their financial conditions, to the list after their financial conditions improve;
- If the supplier is involved in arbitration or litigation to settle disputes with the Companies;
- If the supplier sells its assets or takes other actions indicative of its desire to exit the business; or
- If the supplier fails to perform in accordance with its commitments or otherwise acts in a manner that undermines the Companies' efforts to acquire competitively priced natural gas and transportation consistent with its plans. Market Operations and Trading and Energy Supply Contract Management are responsible for recording material failures to perform and other acts or omission deemed unacceptable. Market Operations and Trading and Energy Supply Contract Management are also responsible for recommending disqualification of a supplier to Credit Risk Management if justified by failure to perform or other acts or omissions.

¹ The available exposure limit for the supplier may be set to zero as an alternative to removing the supplier from the list.

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- C. Written Contracts:** The Companies will not enter into any natural gas transaction without a written contract delineating the associated terms and conditions. The contract may be an agreement developed for a specific transaction not entered exclusively pursuant to a master trading agreement, a standard agreement developed by the Companies, or a master agreement. Master agreements will include, but not be limited to, the NAESB Agreement (physical gas), the Gas Electronic Data Interchange (“GasEDI”) Agreement (physical gas), and the ISDA Agreement with a Gas Annex (financial and physical gas).

Energy Supply Contract Management is responsible for the negotiation of master agreements and other contracts with approved suppliers with support from Legal, Resource Optimization, and Credit Risk Management. Market Operations and Trading is responsible for the negotiation of all contracts that are not entered exclusively pursuant to a master trading agreement. Energy Supply Contract Management facilitates the management of the associated Confirmations per the Energy Risk Management and Control Policy and Natural Gas Procedures Manual. Master Agreements and associated Confirmations are maintained in accordance with the Corporate Records Retention Schedule.

- D. Natural Gas Transactions:** Variations in the Companies’ natural gas requirements for the gas division, power generation, and/or the availability of generating capacity may create opportunities for purchase or sale of natural gas. Transactions with terms within the current month and next month often must be executed quickly because of reliability and related considerations. If the amount of a transaction exceeds limits set forth in Appendix A, the Gas Trader will notify the Manager, Power and Gas Trading as soon as practicable after executing the transaction. Transactions must be in compliance with the FERC, PUCN, and Company policies and procedures.

- a) **Decision to Proceed:** Market Analytics and Trading Operations will provide analytical support and documentation for gas positions.
- b) **Price Discovery:** Gas Trading will determine the prevailing market price for gas transactions using methods including, but not limited to, request for proposals, contacting counterparties, brokers, and Intercontinental Exchange.
- c) **Origination of Transactions:** Resource Optimization will use the analytical support documentation and transact in accordance with the Companies’ policies and procedures. Resource Optimization will check the transaction to ensure compliance with the limits set forth in Appendix A. If a proposed transaction exceeds one or more limits, the Gas Trader will contact Manager, Power and Gas Trading and await their authorization to proceed or other instructions prior to originating the proposed transaction. Resource Optimization will execute transactions over recorded telephone lines, under written confirmations, or on acceptable exchanges. Transactions must be in compliance with the FERC, PUCN, and Company policies and procedures.
- d) **Bid Refresh:** Bids received in response to a financial natural gas request for proposals may not be refreshed upward.

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- e) **Confirmations:** When transacting with a counterparty, Energy Supply Contract Management will adhere to the Confirmation requirements set forth in the master trading agreement and the Energy Risk Management and Control Policy.
- f) **Documentation of Transactions:** Resource Optimization will document all transactions by entering the pertinent information into the system of record.

E. Optimization of Physical Gas and Gas Transportation Assets: In order to optimize the value of physical gas and gas transportation assets, the Companies may purchase gas in one location, and use their transportation assets to move it to another location for sale, in order to capture the value of basin differentials in accordance with the Daily Gas Management and Optimization Policy.

Allowed Transactions: The Companies may acquire gas at one location, and may use transportation assets to move the gas to another location for sale, under the following circumstances:

- a) The purchase of gas, and the sale of gas, shall occur on the same Gas Day;
- b) The purchase of gas will be at a fixed price, and the sale of gas will be at a fixed price, as long as fixed prices are available;
- c) The difference between the price of the gas purchased and the price of the gas sold must be sufficient to cover all incremental gas transportation costs and yield a benefit to the Companies' customers;
- d) The transportation assets must not be required to serve native load or other obligations;
- e) The Companies shall not acquire gas transportation assets for the purpose of making sales. However, the Companies may make sales for the purpose of optimizing the value of existing gas transportation assets; and
- f) Use of transportation assets for sales using gas previously procured and not needed thus supporting balancing activity.

F. Excess or Short Gas Positions: Resource Planning and Analysis will inform the Risk Committee of adjustments to monthly gas positions (financial or physical) as part of the Energy Supply Plans update presented each month. Approved monthly physical and financial natural gas levels for Nevada Power and Sierra Pacific Power are set by the Risk Committee. Resource Planning and Analysis updates the projection of fuel requirements each month utilizing a production cost simulation model. Resource Planning and Analysis will file the approved monthly physical and financial natural gas volumes.

Projected physical and financial gas requirements change over time due to a number of factors, (e.g., changes in load forecasts, market fundamentals, planned maintenance, or variances between projected requirements and actual procurements). Changes in projected requirements will result in short and/or long gas positions relative to actual procurements. In the event there are excesses or shortages for beyond the season in which 100% of the target volumes have been procured, recommended changes may be presented to the Risk Committee by Resource Planning and Analysis. For situations in

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which there exist excesses or shortages in the period in which 100% of the target volumes have been procured, Risk Committee changes to approved volumes are not required. Instead, Resource Optimization will determine the appropriate course of action consistent with these procedures set forth below.

Resource Planning and Analysis shall distribute to Market Analytics each month a file containing the actual physical and financial gas procured and the month ahead gas forecast for the gas for the Gas Division and power generation requirements. Market Analytics shall provide Market Operations and Trading with month-ahead gas burn projections disaggregated by plant. Market Operations and Trading will resolve excesses and shortages as follows:

1) Physical Gas:

a) Nevada Power

- For projected average daily volumes that vary from procured daily volumes by 30,000 MMBtus or more, Market Analytics will prepare a transaction plan using the best available information. Resource Optimization will transact in accordance with the transaction plan in the daily market in accordance with the Company policies and procedures.

b) Sierra Pacific Power

- For projected average daily volumes that vary from procured daily volumes by 15,000 MMBtus or more, Market Analytics will prepare a transaction plan using the best available information. Resource Optimization will transact in accordance with the transaction plan in the daily market in accordance with the Company policies and procedures.

2) Financial Gas:

c) Nevada Power

- If procured hedges are at or within 15% of targeted requirements, neither action nor analytics are required.
- If procured hedges are beyond 15% of targeted requirements, analytics must be conducted to determine an appropriate course of action.

d) Sierra Pacific Power

- If procured hedges by hub are at or within 25% of targeted requirements, neither action nor analytics are required.
- If procured hedges by hub are beyond 25% of targeted requirements, analytics must be conducted to determine an appropriate course of action.

G. Fuel and Purchased Power Accounting: Fuel and Purchased Power Accounting is responsible for the Companies' accounting, billing, collection, and reporting efforts as they pertain to gas.

- a) Supplier Invoices: Accounting is responsible for processing supplier invoices pertaining to natural gas and pipeline transport. Energy Supply Contract Management, Risk Control, and Market Operations and Trading will assist Accounting with the resolution of settlement discrepancies if necessary.

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- b) **Sales Invoices:** Accounting is also responsible for processing invoices for natural gas sales by the Companies. Energy Supply Contract Management, Risk Control, and Market Operations and Trading will assist Accounting with the resolution of settlement discrepancies if necessary.
- c) **Adjustments to Database(s):** Risk Control will direct Market Operations and Trading to adjust the system of record to reflect the final settlements with the buyers and suppliers.

H. Records Retention: The Companies have adopted a Records Retention Policy governing the retention of documents. Records related to the Companies' natural gas procurement activities will be retained in accordance with the policy.

I. Confidentiality: All data and documents retained in conjunction with the Companies' natural gas procurement efforts will be deemed commercially sensitive if they contain:

- a) The names of counterparties;
- b) The prices paid or received for natural gas supply, transportation, and storage; or
- c) Other information covered by the confidentiality provisions of the Companies' contracts.

Commercially sensitive data and documents should only be distributed to the employees of the Companies who need access to the data and documents during the performance of their assigned duties.

Commercially sensitive data and documents should not be provided to anyone outside the Companies without the prior approval of the Legal Department.

IV. Approval and Modifications

This manual has been approved by the Risk Committee. The Director, Trading Analytics and Operations is responsible for conducting an ongoing review of the appropriateness of this manual and for the formulation of recommended changes to this manual. The recommended changes will be presented to the Risk Committee for review and approval.

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Appendix A: Approval Guidelines per Transaction

Title	Limit – RFPs and Daily Trades*
<i>Chief Executive Officer, Berkshire Hathaway Energy Company</i>	<i>Unlimited</i>
<i>Chief Executive Officer</i>	<i>\$100,000,000</i>
<i>Senior Vice President, Chief Financial Officer and Treasurer</i>	<i>\$25,000,000</i>
<i>Vice President, Resource Optimization^{[1],[2]}</i>	<i>\$12,500,000</i>
<i>Director, Trading Analytics & Operations^{3,[3]}</i>	<i>\$7,500,000</i>
<i>Director, Contract Management and Special Programs (Amendments/Settling disputes only)</i>	<i>\$7,500,000</i>
<i>Manager, Power and Gas Trading</i>	<i>\$5,000,000</i>
<i>Resource Optimization Manager</i>	<i>\$5,000,000</i>
<i>Traders</i>	<i>\$1,000,000</i>

Approval of invoices are subject to dollar thresholds in the Corporate Governance and Approvals Policy.

*** To ensure reliability, approvals of daily trades may happen after trade execution.**

^[1] Applies to transactions longer than one month

^[2] Applies to transactions pertaining to the table in Appendix D, Section C

^[3] Applies to transactions pertaining to the table in Appendix D, Section B

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Appendix B: Gas Activity Lead Matrix

Type of Gas Transaction	Activity	Trading Operations	Energy Supply Contract Management	Market Operations and Trading	Resource Planning and Analysis	Market Analytics
Asset Management	Originate/Negotiate			X		
Asset Management	Contract management		X			
Commodity	Gas projection - gas request for proposal				X	
Commodity	Gas projection - day-ahead, weekly, monthly, current season					X
Commodity	Gas projection - real-time	X				
Commodity	Originate/Negotiate			X		
Commodity	Contract management		X			
Master Trading Agreements	Originate/Negotiate		X			
Master Trading Agreements	Contract management		X			
Transport/Storage	Establish requirements				X	
Transport/Storage	Originate/Negotiate (Less than 2 years)			X		
Transport/Storage	Originate/Negotiate (Greater than 2 years)				X	
Transport/Storage	Contract management		X			
General	FERC/Canadian Regulatory Agencies - NVE intervention filings, etc.				X	
General	FERC/Canadian Regulatory Agencies - Counterparty rate case filings, etc.				X	
General	FERC/Canadian Regulatory Agencies - Tariff interpretation				X	
General	Economic analysis (Less than 2 years)					X
General	Economic analysis (Greater than 2 years)				X	
General	Planned Outage Coordination		X			

Appendix C: Policy Revision Log

Date	Revision(s)
December 22, 2014	Modified existing policy 1. Modified the title page and the table of contents page 2. Modified the introduction language 3. Updated titles and department names 4. Modified the organization framework language and responsibilities: • Removed Power Contracts • Added Commercial Trading and Strategy • Moved the Power Contracts responsibilities to Commercial Trading and Strategy and Market Operations and Trading • Replaced Gas Optimization with Market Operations and Trading • Removed Transaction and Market Analysis • Moved the Transaction and Market Analysis responsibilities to Portfolio Analytics 5. Updated the Gas Activity Lead Matrix table in Appendix B

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	6. Removed the Roles and Responsibilities table in Appendix B 7. Added a policy revision log
December 18, 2019	Modified existing policy - Updated titles and department names - Modified the organization framework language and responsibilities: - Removed Commercial Trading and Strategy - Added Trading Operations - Moved the Commercial Trading and Strategy responsibilities to Resource Planning and Analysis - Moved real-time forecasting responsibility to Trading Operations - Updated the Gas Activity Lead Matrix table in Appendix B - Removed Commercial Trading and Strategy - Added Trading Operations
November 16, 2021	Modified existing policy - Manager, Market Operations and Trading was replaced throughout the policy with the new role of Manager, Power and Gas Trading - Revised one of the responsibilities of Energy Supply Contract Management - Market Operations and Trading was replaced throughout the policy with Resource Optimization - Removed the Authorization Approval Levels table and referenced the Authorization Approval Levels in Energy Risk Management and Control Policy's through-out the document.
December 14, 2022	Modified existing policy - Updated title changes through-out the procedures - Increased CEO's threshold to \$100,000,000

EXHIBIT ATKINS-DIRECT-4

NV ENERGY

FORWARD POWER SALES PROCEDURES MANUAL

December 14, 2022

NV ENERGY FORWARD POWER SALES PROCEDURES MANUAL

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I. Introduction

This manual outlines the organization, governance, processes and procedures for Forward Sales activities for power and capacity, which will address intermediate to long-term transactions (excluding prompt month).

The procedures documented herein are consistent with the Risk Management and Control Policy and the Energy Risk Management and Control Policy. The Companies' have documented other procedures that could have an impact on the Companies' Forward Sales activities in the Power Procedures Manual, Natural Gas Procedures Manual, Credit Risk Management Policy Manual, and the Credit Procedures Manual.

II. Overview of Forward Sales

Portfolio Optimization activities address strategic, tactical, analytical, transactional, and operational issues related to structuring the Companies' portfolio of resources, including generation resources and assets, purchased power contracts, and fuel contracts, based upon reliability considerations, economic factors, and changes in anticipated load. Forward Sales are one aspect of overall Portfolio Optimization. Forward Sales activities will take place within a structured environment where policies, processes, controls, limits, and checks and balances facilitate and standardize the inspection and assessment of strategies, tactics, and transactions from their conception to potential implementation and execution. Forward Sales includes the identification and execution of intermediate to long-term power transactions within the parameters specified in Appendix A, *Statement of Strategy, Limits, and Risk Metrics for Forward Sales Activities* of this manual and Appendix D - Section A of the Energy Risk Management and Control Policy. Forward Sales may only be negotiated and executed as standard transactions as defined in section V.C.2 of the Energy Risk Management and Control Policy. The scope of the Forward Sales activities will cover the next four natural gas seasons, including the current season¹ (the "Inspection Period"); however, any transactions will be limited to the next three natural gas seasons, including the current season (the "Actionable Period"), unless authorized by the Risk Committee.

¹ The Summer Season spans April 1 through October 31. The Winter Season spans November 1 through March 31.

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III. Organizational Framework**A. Overview**

The policy framework governing the Companies' Forward Sales activities is set forth in the Risk Management and Control Policy and the Energy Risk Management and Control Policy.

This section of the manual outlines the additional responsibilities of the various Company elements to support Forward Sales activities. These Company elements include:

- Risk Committee
- Forward Sales Leadership Team
- Market Analytics
- Market Operations and Trading
- Energy Supply Contract Management
- Risk Control
- Accounting; and
- Legal

B. Risk Committee

For the purpose of this manual, Risk Committee has full authority to:

- Approve the Forward Sales strategy, limits and risk metrics (Appendix A) that will define the scope of Forward Sales activities; and
- Approve this Forward Sales Procedures Manual and any subsequent changes to this manual

C. Forward Sales Leadership Team

For the purposes of this manual, the Forward Sales Leadership Team comprises of the following personnel:

- Director, Market Analytics; and
- Manager, Market Operations and Trading

The Forward Sales Leadership Team (or a subset thereof) is responsible for:

- Proposing to the Risk Committee the Forward Sales strategy, limits and risk metrics (Appendix A) that define the scope of the Forward Sales activities;
- Reviewing and approving any changes to the analytical models being used in support

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of Forward Sales activities;

- Reviewing the position reports developed by Market Analytics; and
- Reviewing and approving the Opportunity Analysis Form.

D. Market Analytics

For the purposes of this manual, Market Analytics is responsible for:

- Maintaining the analytical models and data required to support Forward Sales activities;
- Utilizing models to analyze economic energy, capacity and fuel positions;
- Preparing position reports and conducting discussions with the Forward Sales Leadership Team to identify potential transaction opportunities related to Forward Sales;
- Provide internal costs to serve products within the transaction summary
- Performing position at risk analysis and economic benefit analysis for both potential transactions and existing Forward Sales transactions within the portfolio; and
- Preparing or assisting with the preparation of reports as directed by Risk Committee.

E. Market Operations and Trading

For the purposes of this manual, Market Operations and Trading is responsible for:

- Identifying potential transaction opportunities in support of Forward Sales objectives;
- Providing informational updates to the Risk Committee on Forward Sales efforts;
- Notifying Risk Committee when existing Forward Sales transactions fail to meet the economic or capacity criteria specified in Appendix A, Section 2 of this manual;
- Preparing the Opportunity Analysis Form;
- Corresponding with counterparties to determine market opportunities;
- Managing unsolicited proposals for Forward Sales opportunities;
- Issuing Request for Proposals and facilitating the Request for Proposal process;
- Executing the transaction plan;
- Corresponding directly with counterparties throughout the Request for Proposal process;
- Working directly with Credit and Legal to finalize contract language;
- Negotiating transactions directly with counterparties;
- Orally executing transactions with counterparties via recorded telephone line;
- Entering executed transactions into the appropriate systems of record; and

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- Records retention associated with Forward Sales efforts.

F. Credit Risk Management

For the purposes of this manual, Credit is responsible for:

- Assessing the creditworthiness of counterparties for transactions related to Forward Sales;
- Approving counterparties for transactions related to power before the Companies enter into transactions with them;
- Maintaining the Companies' list of approved counterparties for transactions related to power;
- Maintaining, updating, and reviewing the Master Bidders' List;
- Monitoring and reporting on the creditworthiness of counterparties;
- Maintaining records of the collateral posted by counterparties; the original collateral is kept in Credit;
- Resolving credit issues with counterparties;
- Reviewing and reporting on information requested by counterparties for collateral or other credit support;
- Reviewing and reporting on credit terms in contracts and confirmations related to Forward Sales;
- Notifying Resource Optimization leadership of credit exposure issues as referenced in Credit Risk Management and Control Policy;
- Calculating collateral requirements and managing collateral posted by the Companies because of transactions related to power; and
- Calculating potential exposures related to natural gas transactions.

G. Energy Supply Contract Management

For the purposes of this manual, Energy Supply Contract Management is responsible for:

- Managing energy supply contracts per their terms including the invoice settlement function for long-term power and natural gas transport contracts;
- Leading the negotiation process of Master Agreements for physical/financial gas, power and carbon;
- Maintaining counterparty contract and trading status information in the systems of record;
- Managing the confirmation process for term physical/financial gas and power transactions;
- Leading the negotiation process for non-standard power contract amendments;
- Notifying Executive Management per the Energy Supply Commitment Threshold Notification levels set forth in the Energy Risk Management and Control Policy;
- Maintaining energy supply contracts in accordance with the Corporate Records Retention Schedule; and
- Providing contract support to Resource Optimization, Credit Risk Management, Legal, Resource Planning and Analysis, Fuel & Purchased Power Accounting, etc.

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H. Risk Control

For the purposes of this manual, Risk Control is responsible for:

- Assisting the Forward Sales Leadership Team with the identification of limits and risk metrics associated with the approved Forward Sales strategies, as specified in Appendix A;
- Monitoring adherence to the Companies' relevant policies and procedures; and
- Providing information at each Risk Committee meeting identifying any forward sales that are not consistent with transactions approved under the Energy Supply Plan and verifying compliance with the Forward Power Sales Procedures Manual.

I. Accounting

For the purposes of this manual, Accounting is responsible for:

- Reviewing and identifying the ASC 815 implications of the proposed Forward Sales transaction opportunities;
- Updating and maintaining the Derivative Accounting Policies to support the Forward Sales efforts; and
- Ensuring settlements for transactions are accurately recorded in the financial system of record.

J. Legal

For the purposes of this manual, Legal is responsible for:

- Assisting the Forward Sales Leadership Team in identifying and complying with the relevant legal and regulatory requirements and guidelines pertaining to Forward Sales activities; and
- Reviewing master agreements and confirmations to facilitate Forward Sales.

IV. Forward Sales Procedures

Processes and procedures required to support the incremental transactions that Forward Sales will address are outlined below. Forward Sales activities will comply with this manual, as well as the contract management, counterparty approval, settlements, scheduling, and records retention requirements set forth in the effective power procedures, and credit procedures manuals.

A. Limits on Transactions

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Forward Sales activities will be in compliance with the authority limits set forth in the Energy Risk Management and Control Policy, including but not limited to Appendix D - Section B and Forward Sales strategies and limits as stated in Appendix A of this document.

B. Strategy Development

Market Operations and Trading will present proposed Forward Sales strategies to the Risk Committee for approval. Approved strategies will be represented in *Appendix A, Statement of Strategy, Limits, and Risk Metrics for Forward Sales Activities*.

C. Market Analysis

On an ongoing basis, Market Operations and Trading will perform market analysis to help inform management with regard to the risks and opportunities that may arise from the Companies' Forward Sales activities. Market factors to be considered may include regional energy supply and demand drivers, environmental considerations, and regulatory developments, among others.

D. Position Reporting

Market Analytics will use a dispatch model² to analyze and report on the Companies' respective capacity, economic energy, and fuel burn positions (as needed). The position reports will include the expected positions as well as uncertainty around the expected positions. The uncertainty around the expected positions will be analyzed using a Monte Carlo simulation within the dispatch model and will be reported at various confidence levels³ and at a monthly level for the Inspection Period.

E. Opportunity Analysis Form

Market Operations and Trading will prepare the Opportunity Analysis Form to summarize Forward Sales transaction opportunities.

F. Transaction Execution

Forward Sales transactions will be executed through either a Request for Proposal process or direct negotiations with a counterparty. The direct negotiation process will be used if a counterparty presents a Forward Sales transaction opportunity to the Companies.

G. Transmission Service Transactions

Resource Optimization may purchase power transmission service to support the Forward

² Market Analytics will maintain documentation regarding the model including the underlying approach, sources of model inputs, model parameters and their estimation, model outputs and any other relevant model details.

³ For example, a Position at Risk statement could indicate that there is a 95% probability that the Net Capacity position will exceed 100 MW for on-peak hours during a given month.

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Sales transactions. The requirement to obtain power transmission service will be considered by Market Operations and Trading. These transactions will be executed per the guidelines specified in the Power Procedures Manual.

V. Approval and Modifications

This manual has been approved by the Risk Committee. The Vice President of Resource Optimization will be responsible for conducting an ongoing review of the appropriateness of this manual and for the formulation of recommended changes to this manual. The recommended changes will be presented to the Risk Committee for review and approval.

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Appendix A: Statement of Strategy, Limits, and Risk Metrics for Forward Sales Activities

The Companies operate generation resources and assets and transact in various markets for physical commodities and financial instruments to the end of prudently serving power and gas customers in their respective service territories. Their operations are guided by primary objectives that are indicated in the Companies' respective Energy Supply Plans, namely balancing the principle objectives of:

- Minimizing the cost of supply, which includes mitigating ratepayer costs by optimizing power and fuel resources in the light of changing projected loads, resources, and market conditions;
- Minimizing retail price volatility; and
- Maximizing the reliability of energy supply over the term of the energy supply plan.

1. Strategy Statement

The Companies' primary strategy regarding Forward Sales activities is to sell capacity, energy, and ancillary services from available generation on a forward basis. The Companies' will enter into Forward Sales transactions only if they have confidence, as articulated through the probabilities in the tables below, that they will have a long capacity position and that the transactions will yield positive economic benefits for their customers (i.e., a favorable impact on estimated net system production cost defined as the difference between estimated incremental revenue and estimated incremental system cost). Forward products sold by the Companies will have delivery periods not to exceed the next three gas seasons, unless authorized by the Risk Committee. The Companies' may have to procure natural gas and transportation to meet the obligations attributable to the Forward Sales transactions. However, any heat rate call options will be structured such that the fuel cost risk is borne by the counterparty.

2. Limits and Risk Metrics Statement – Portfolio Analytics and Management**A. Position at Risk Analysis – Potential Transactions**

Position at Risk analysis will be used to assess the probability that the Companies' capacity position may fall below the specified threshold level. The Companies will only initiate transactions if the position at risk analysis indicates that by doing so the criteria in the table below (i.e., Capacity Position after potential Transaction) will be satisfied on the transaction date.

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Criteria for Position at Risk Analysis (regarding potential transactions)			
	Probability level	Capacity Position after Transaction	Forwardness of transaction
1 ⁴	80%	> 0 MW	1st gas season
2	80%	> 0 MW	2nd gas season
3	90%	> 0 MW	3rd gas season

B. Economic Benefit Analysis – Potential Transactions

Economic benefit analysis will be used to assess the probability that the transactions will yield positive economic benefits to the Companies' customers. The Companies' will only initiate transactions if the economic benefit analysis indicates that by doing so the criteria in the table below (i.e., Projected Economic Benefits after potential Transaction) will be satisfied on the transaction date.

Criteria for Economic Benefit Analysis (regarding potential transactions)			
	Probability level	Projected Economic Benefits after Transaction	Forwardness of transaction
1 ⁵	Higher of 68% or the p-level in which the gain/loss ratio equals 7:1	> \$0	All gas seasons

C. Stand-alone Valuation

The Companies reserve the right not to enter into a transaction if the Companies' stand-alone valuation of the transaction⁶ supports a conclusion that the option premium, or fixed energy price, should be greater than the bids of prospective counterparties. The Companies may indicate a bid price floor as a way of providing guidance to prospective counterparties.

D. Amount of Capacity or Energy for Sale

The Companies' reserve the right to sell portions of future capacity or energy indicated in

⁴ For example, the criterion for the 1st gas season represents the following statement: There is an 80% probability that the net capacity position will be greater than 0 MW after the transaction.

⁵ For example, the criterion for the 1st gas season represents the following statement: There is a 68% probability that the economic benefit from the transaction that is being investigated will be greater than \$0.

⁶ For the stand alone valuation, the Companies' will use financial or other modeling tools

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the Position at Risk analysis in lots that seek to be as uniform as possible, to be proportionate to the estimated number of Request for Proposal opportunities remaining to delivery, and to recognize the status of the Companies' energy supply resources, the prevailing conditions in the energy markets, and other factors relevant to the analyses.

E. Position at Risk Analysis – Existing Transactions

At least once a month, or more frequently if warranted due to material changes in the status of the Companies' energy supply resources, the prevailing conditions in the energy markets, or other factors relevant to the analyses, the Companies' will conduct a position at risk analysis of existing Forward Sales within the portfolio and will notify the Risk Committee if the criteria in the table below (i.e., Capacity Position) are not satisfied.

Criteria for Position at Risk Analysis (regarding portfolio management)			
	Probability level	Capacity Position	Forwardness of transaction
1	80%	> 0 MW	1st gas season
2	80%	> 0 MW	2nd gas season
3	90%	> 0 MW	3rd gas season

F. Economic Benefit Analysis – Existing Transactions

At least once a month, or more frequently if warranted due to material changes in the status of the Companies' energy supply resources, the prevailing conditions in the energy markets, or other factors relevant to the analyses, the Companies' will conduct an economic benefit analysis of existing Forward Sales within the portfolio and will notify the Risk Committee if the criteria in the table below (i.e., Projected Economic Benefits) are not satisfied.

Criteria for Economic Benefit Analysis (regarding portfolio management)			
	Probability level	Projected Economic Benefits	Forwardness of transaction
1	68%	> \$0	All gas seasons

G. Fuel Purchases to support energy sales

The Companies' reserve the right to purchase fuel to support Forward Sales not to exceed the next three gas seasons unless approved by the Risk Committee.

H. Remedial Actions

If the position at risk criteria and the economic benefit criteria are not satisfied, Market Operations and Trading will notice and make recommendations to Risk Committee for

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remedial actions to restore the Companies' portfolio of transactions to a position consistent with the above-cited criteria. The Companies will only consider remedial actions available to the Companies', given the status of the Companies' energy supply resources, the prevailing conditions in the energy markets, and other factors relevant to the analyses.

3. Forward Sales Process

- A. Identification:** Market Operations and Trading will identify potential Forward Sales transaction opportunities of products to be considered that comply with the parameters specified in Appendix A of this manual and the list of approved products included in Appendix D, Section A of the Energy Risk Management and Control Policy.
- B. Opportunity Evaluation:** Market Operations and Trading will complete an Opportunity Analysis Form, taking into consideration the input from Market Analytics and the Forward Sales Leadership Team. The Opportunity Analysis Form shall include terms of the proposed Forward Sales transaction opportunities, the potential impact of the proposed transaction on the portfolio as a whole, and an assessment of the following types of risk:
- 1. Position:** position at risk considerations associated with the proposed transaction opportunity, including but not limited to the risk and associated cost of re-purchasing capacity that had previously been sold forward.
 - 2. Market:** market related considerations such as liquidity in the proposed product, availability of potential counterparties, availability and cost of transmission required to service the proposed transaction opportunity, availability of exit opportunities, etc.
 - 3. Credit:** credit risk associated with the proposed transaction opportunity and approval from credit of the proposed counterparty (required only when the counterparty has been identified in the Opportunity Analysis Form).
 - 4. Operational:** operational considerations such as the expected availability of generating assets being used to support the proposed transaction opportunity.
 - 5. Legal:** regulatory requirements or constraints associated with the proposed transaction opportunity.
 - 6. Accounting:** derivative accounting implications of the proposed transaction opportunity.
 - 7. Other:** other factors, for example, capital and liquidity requirements to support the proposed transaction opportunity.

The Opportunity Analysis Form also will include a description of the transaction execution approach, i.e., through a Request for Proposal process or through direct negotiations.

4. Requests for Proposals Process

Forward Sales transactions can be originated through the issuance of a Request for Proposal.

- A. Notice to Proceed:** At least two days before a Request for Proposal is issued, Market

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Operations and Trading will prepare the Opportunity Analysis Form. The Opportunity Analysis Form will be issued to Risk Control, Credit, Legal, Accounting and the Forward Sales Leadership Team for notification of the intent to solicit proposals.

B. Records Retention Code: Market Operations and Trading is responsible for accumulating and storing the records attributable to Forward Sales Request for Proposals. Market Operations and Trading will assign a code for the Request for Proposal prior to issuing the notice of solicitation. The assigned code will be placed on the Request for Proposal and all associated correspondence initiated by Market Operations and Trading.

C. Notice of Solicitation: At least two days before a Request for Proposal is issued, Market Operations and Trading will notify the following personnel (or their designated representatives) of the intent to solicit proposals:

- Director, Market Analytics;
- Manager, Market Operations and Trading;
- Manager, Energy Supply Contract Management;
- Manager, Risk Control; and
- Credit (Sr Business Risk Control Analyst).

The notice of solicitation will be by email and will contain the following information:

- the date or dates on which bids will be solicited;
- the date or dates on which bids will be received; and
- the types of products for which bids will be solicited.

D. Request for Proposals: Market Operations and Trading will issue the Request for Proposals to include the following information:

- types of products for which proposals are being solicited;
- delivery period or periods for which proposals are being solicited;
- delivery point or points for which proposals are being solicited;
- type or types of pricing deemed acceptable e.g., indexed;
- acceptable index or indices for indexed transactions;
- method or methods by which bids can be submitted;
- the deadline for submitting bids; and
- other information reasonably required by counterparties seeking to return responsive proposals.

At a minimum, the prospective counterparties should be asked to provide the following information in their proposals:

- the types of products being bid;
- the delivery period or periods for which the product is being bid;
- the delivery point or points for the product;
- the quantity of product bid;
- the price(s), price formula(s), or index; and
- the special terms and conditions, if any, applicable to the transaction.

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Market Operations and Trading will forward copies of the bids to Market Analytics for tabulation and evaluation. Market Operations and Trading will also forward copies of the bids to Credit, Legal and Energy Supply Contract Management for evaluation of any non-standard terms and conditions. Those groups will review and convey any concerns to Market Operations and Trading.

- E. Deal Analysis:** Market Analytics will provide Market Operations and Trading with a transaction summary identifying potential transaction opportunities for consideration that comply with the parameters specified in Appendix A of this manual. Market Operations and Trading will propose a transaction plan⁷ which includes all the deal details. The transaction plan will also list the reasons for rejecting the unsuccessful bids.⁸
- F. Negotiation and Execution of Contracts:** Market Operations and Trading will only negotiate and execute contracts consistent with the transaction plan. If a prospective counterparty wants to alter its bid prior to completion of negotiations, Market Operations and Trading will forward any relevant revision to Credit, Legal and Energy Supply Contract Management and Market Analytics for review. If the revised proposal is deemed acceptable, Market Operations and Trading will modify the transaction plan accordingly.
- G. Transaction Notification:** Energy Supply Contract Management will circulate the Energy Supply Commitment Threshold Notification Form for each power or gas confirmation with a contract value greater than \$5 million for signature(s) in accordance with the Companies' Energy Risk Management and Control Policy. Completion of the Energy Supply Commitment Threshold Notification Form occurs after execution of the confirmation.
- H. Documentation of Transactions:** The Companies' use two systems to record transactions. One deal capture system is used to record actual deliveries to and from the Companies' systems attributable to all of the Companies' power purchases and sales on a daily basis. However, that database is not used to record financial transactions. Those transactions and all of the purchases and sales with terms of one month or longer are recorded in the other deal capture system; the entries in this deal capture system do not reflect actual deliveries.
- Market Operations and Trading will enter all Forward Sales transactions with terms one month or greater into the appropriate database(s). The transaction details will contain the following information:
- type of transaction;
 - Company for which the transaction was originated;
 - nature of the transaction (purchase or sale);

⁷ The transaction plan may be the same document(s) as the tabulation of bids and the tabulation of special terms and conditions.

⁸ Bids that are late or incomplete may be rejected without further evaluation.

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- name of the counterparty;
- name of the counterparty's representative, if applicable;
- delivery point;
- quantities of commodity;
- start date of the transaction;
- end date of the transaction;
- pricing terms;
- identification of the Companies' representative; and
- any special terms and conditions.

Risk Control will review the entries for accuracy. Any discrepancies between the transaction details entered in the system and the recorded transaction or confirmation will be reported and promptly resolved.

- I. Records Retention:** The Companies have adopted a Records Retention Policy governing the retention of documents. Records related to the Companies' forward power sales activities will be retained in accordance with the policy.

5. Direct Negotiation Process

Forward Sales transactions can also be originated through direct negotiations with counterparty.

- A. Notice to Proceed:** Market Operations and Trading will prepare the Opportunity Analysis Form. The Opportunity Analysis Form will be issued to Risk Control, Credit, Legal, Accounting and the Forward Sales Leadership Team for notification of intent to enter into direct negotiation for a Forward Sales Transaction.
- B. Records Retention Code:** Market Operations and Trading is responsible for accumulating and storing the records attributable to the transaction. Market Operations and Trading will assign and utilize a code prior to negotiating the contract terms with the counterparty. The assigned code will be placed on the contract and all associated correspondence initiated by Market Operations and Trading.
- C. Negotiation and Execution of Contracts:** Market Operations and Trading will only negotiate and execute contracts consistent with the transaction plan. If a prospective counterparty wants to alter its bid prior to completion of negotiations, Market Operations and Trading will forward any relevant revision to Credit, Legal, Energy Supply Contract Management and Market Analytics for review. If the revised proposal is deemed acceptable, Market Operations and Trading will modify the transaction plan accordingly.
- D. Transaction Notification:** Energy Supply Contract Management will circulate the Energy Supply Commitment Threshold Notification Form with contract values greater than \$5 million for signature in accordance with the Companies' Energy Risk

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Management and Control Policy. Completion of the Energy Supply Commitment Threshold Notification Form occurs after execution of the confirmation.

- E. Documentation of Transactions:** The Companies' use two systems to record transactions. One deal capture system is used to record actual deliveries to and from the Companies' systems attributable to all of the Companies' transactions on a daily basis. However, that database is not used to record financial transactions. Those transactions and all of the transactions with terms of one month or longer are recorded in the other deal capture system; the entries in this deal capture system do not reflect actual deliveries.

Market Operations and Trading will enter all Forward Sales transactions with terms greater than one month into the appropriate database(s). The transaction details will contain the following information:

- type of transaction;
- Company for which the transaction was originated;
- nature of the transaction (purchase or sale);
- name of the counterparty;
- name of the counterparty's representative, if applicable;
- delivery point;
- quantities of commodity;
- start date of the transaction;
- end date of the transaction;
- pricing terms;
- identification of the Companies' representative; and
- any special terms and conditions.

Risk Control will review the entries for accuracy. Any discrepancies between the information entered into the system and the recorded transaction or confirmation will be promptly resolved.

- F. Records Retention:** The Companies have adopted a Records Retention Policy governing the retention of documents. Records related to the Companies' forward power sales activities will be retained in accordance with the policy.

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Appendix B: Opportunity Analysis Form

Date:

Summary: Provide a brief summary of the proposed transaction opportunity

Key Findings: Provide a brief summary of the key finding from the position-at-risk analysis

Potential Products: Describe proposed transaction type

Terms: Describe proposed transaction opportunity terms

Counterparty: Identify the counterparty name if already known

Valuation: State the fair value of the proposed transaction opportunity

Portfolio Impact: Describe the impact of the proposed transaction on the portfolio. For example, change in the energy and capacity position if the proposed transaction opportunity is executed.

Benefits: Describe impact of the proposed transaction opportunity on fuel and purchased power costs

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Risk Analysis:

Risk	Risk Mitigation
Position (enumerate position at risk considerations here)	(describe risk mitigation strategy)
Market (enumerate market risk considerations here)	(describe risk mitigation strategy)
Credit (enumerate credit risk considerations here)	(describe risk mitigation strategy)
Operational (enumerate operational risk considerations here)	(describe risk mitigation strategy) For example, describe how the proposed transaction will be structured to reflect the characteristics and costs of the underlying generation unit
Regulatory / Legal (enumerate regulatory / legal risk considerations here)	(describe risk mitigation strategy)
Others (enumerate other risk considerations here)	(describe risk mitigation strategy) For example, describe the impact of proposed transaction on fuel and purchased power costs

Exit Strategy: Describe plan of action if NV Energy had to unwind the position. Also, discuss relevant considerations here.

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Accounting: Describe any accounting or ASC 815 considerations here.

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Appendix C: Procedure Revision Log

Date	Revision(s)
[need date]	Modified Existing Policy. 1. Updated titles of personnel and department titles. 2. Updated table of contents. 3. Removed language from Risk Committee approving the Opportunity Analysis and Approval Form ("OA&A). 4. Added Risk Control, Credit, Legal, Accounting and the Forward Sales Leadership Team as the reviewers and approvers of the OA&A form and removed "ERC." 5. Clarified the Transaction Notification and reduced the threshold notification from \$7.5 million to \$5 million. 6. Added definition of standard transaction
December 18, 2019	Modified existing policy 1. Updated titles and department names 2. Modified the organizational framework language and responsibilities: • Replaced Power Origination with Market Operations and Trading • Replaced Portfolio Analytics with Market Analytics 3. Modified the notice of solicitation to personnel essential to the successful execution and completion of the Request for Proposal 4. Replaced the Opportunity Analysis and Approval Form with an Opportunity Analysis Form
November 16, 2022	Modified existing policy 1. Updated titles

EXHIBIT ATKINS-DIRECT-5

Trade	Type	Position	Trade Decision	Flow Date	Block	Product	Quantity	Point	Price
294579	RT	SELL	ECONOMIC	01/01/2023	Hourly	FP	30	MEAD230	172
274046	Term	BUY	ECONOMIC	01/01/2023	Hourly	FP	120	MEAD230	41.99
294581	RT	SELL	ECONOMIC	01/02/2023	Hourly	FP	150	MEAD230	150
274046	Term	BUY	ECONOMIC	01/02/2023	Hourly	FP	120	MEAD230	41.99
294584	RT	SELL	ECONOMIC	01/03/2023	Hourly	FP	150	MEAD230	190
294585	RT	SELL	ECONOMIC	01/03/2023	Hourly	FP	250	MEAD230	240
294588	RT	SELL	ECONOMIC	01/03/2023	Hourly	FP	200	MEAD230	330
274046	Term	BUY	ECONOMIC	01/03/2023	Hourly	FP	120	MEAD230	41.99
294599	RT	SELL	ECONOMIC	01/04/2023	Hourly	FP	295	MEAD230	240
294594	RT	SELL	ECONOMIC	01/04/2023	Hourly	FP	100	MEAD230	225
294595	RT	SELL	ECONOMIC	01/04/2023	Hourly	FP	50	MEAD230	225
274046	Term	BUY	ECONOMIC	01/04/2023	Hourly	FP	120	MEAD230	41.99
294613	RT	SELL	ECONOMIC	01/05/2023	Hourly	FP	50	HILLTOP345	150
294603	RT	SELL	ECONOMIC	01/05/2023	Hourly	FP	105	MEAD230	215
294604	RT	SELL	ECONOMIC	01/05/2023	Hourly	FP	35	MEAD230	215
294607	RT	SELL	ECONOMIC	01/05/2023	Hourly	FP	1050	MEAD230	245
274046	Term	BUY	ECONOMIC	01/05/2023	Hourly	FP	120	MEAD230	41.99
294624	RT	SELL	ECONOMIC	01/06/2023	Hourly	FP	300	MEAD230	215
274046	Term	BUY	ECONOMIC	01/06/2023	Hourly	FP	120	MEAD230	41.99
294621	RT	SELL	ECONOMIC	01/06/2023	Hourly	FP	200	MEAD230	210
294629	RT	SELL	ECONOMIC	01/07/2023	Hourly	FP	250	MEAD230	190
274046	Term	BUY	ECONOMIC	01/07/2023	Hourly	FP	120	MEAD230	41.99
294625	RT	SELL	ECONOMIC	01/07/2023	Hourly	FP	100	NAVAJO500	155
294626	RT	SELL	ECONOMIC	01/07/2023	Hourly	FP	15	NAVAJO500	155
294633	RT	SELL	ECONOMIC	01/08/2023	Hourly	FP	150	MEAD230	180
274046	Term	BUY	ECONOMIC	01/08/2023	Hourly	FP	120	MEAD230	41.99
294635	RT	SELL	ECONOMIC	01/08/2023	Hourly	FP	150	MEAD230	165
294636	RT	SELL	ECONOMIC	01/08/2023	Hourly	FP	50	MEAD230	160
274046	Term	BUY	ECONOMIC	01/09/2023	Hourly	FP	120	MEAD230	41.99
294650	LD	BUY	ECONOMIC	01/09/2023	Hourly	FP	-5	MEAD230	41.99
294636	RT	SELL	ECONOMIC	01/09/2023	Hourly	FP	100	MEAD230	160
294639	RT	SELL	ECONOMIC	01/09/2023	Hourly	FP	60	NAVAJO500	160
294644	RT	SELL	ECONOMIC	01/09/2023	Hourly	FP	300	MEAD230	250
294616	DA	SELL	ECONOMIC	01/09/2023	Heavy Load	FP	800	MEAD230	170
294658	RT	SELL	ECONOMIC	01/10/2023	Hourly	FP	45	NAVAJO500	157
294653	RT	SELL	ECONOMIC	01/10/2023	Hourly	FP	180	MEAD230	185
294656	RT	SELL	ECONOMIC	01/10/2023	Hourly	FP	150	MEAD230	205
274046	Term	BUY	ECONOMIC	01/10/2023	Hourly	FP	120	MEAD230	41.99
294648	RT	BUY	ECONOMIC	01/10/2023	Hourly	FP	236	MEAD230	85
294649	RT	BUY	ECONOMIC	01/10/2023	Hourly	FP	250	MEAD230	83
294660	RT	SELL	ECONOMIC	01/11/2023	Hourly	FP	100	MEAD230	185
274046	Term	BUY	ECONOMIC	01/11/2023	Hourly	FP	120	MEAD230	41.99
274046	Term	BUY	ECONOMIC	01/12/2023	Hourly	FP	120	MEAD230	41.99
294665	RT	SELL	ECONOMIC	01/13/2023	Hourly	FP	100	MEAD230	210
274046	Term	BUY	ECONOMIC	01/13/2023	Hourly	FP	120	MEAD230	41.99
274046	Term	BUY	ECONOMIC	01/14/2023	Hourly	FP	120	MEAD230	41.99
294667	RT	SELL	ECONOMIC	01/14/2023	Hourly	FP	50	MEAD230	175

294675	RT	SELL	ECONOMIC	01/14/2023	Hourly	FP	270	NAVAJO500	160
294669	RT	SELL	ECONOMIC	01/14/2023	Hourly	FP	500	NAVAJO500	160
294670	RT	SELL	ECONOMIC	01/14/2023	Hourly	FP	105	MEAD230	165
274046	Term	BUY	ECONOMIC	01/15/2023	Hourly	FP	120	MEAD230	41.99
294679	RT	SELL	ECONOMIC	01/15/2023	Hourly	FP	200	REDB	135
294690	RT	SELL	ECONOMIC	01/15/2023	Hourly	FP	200	MEAD230	190
294683	RT	BUY	ECONOMIC	01/15/2023	Hourly	NFP	40	MEAD230	50
294684	RT	SELL	ECONOMIC	01/15/2023	Hourly	FP	500	MEAD230	200
294685	RT	SELL	ECONOMIC	01/15/2023	Hourly	FP	75	REDB	132
294697	RT	SELL	ECONOMIC	01/16/2023	Hourly	FP	60	MEAD230	150
274046	Term	BUY	ECONOMIC	01/16/2023	Hourly	FP	120	MEAD230	41.99
294693	RT	SELL	ECONOMIC	01/16/2023	Hourly	FP	25	NAVAJO500	150
294694	RT	SELL	ECONOMIC	01/16/2023	Hourly	FP	15	NAVAJO500	150
294701	RT	SELL	ECONOMIC	01/16/2023	Hourly	FP	50	NAVAJO500	135
294713	RT	SELL	ECONOMIC	01/17/2023	Hourly	FP	50	NAVAJO500	165
294719	RT	SELL	ECONOMIC	01/17/2023	Hourly	FP	300	MEAD230	232
294720	RT	SELL	ECONOMIC	01/17/2023	Hourly	FP	40	REDB	212
274046	Term	BUY	ECONOMIC	01/17/2023	Hourly	FP	120	MEAD230	41.99
294701	RT	SELL	ECONOMIC	01/17/2023	Hourly	FP	150	NAVAJO500	135
294704	RT	SELL	ECONOMIC	01/17/2023	Hourly	FP	50	MEAD230	146
294705	RT	SELL	ECONOMIC	01/17/2023	Hourly	FP	10	MEAD230	165
294706	RT	SELL	ECONOMIC	01/17/2023	Hourly	FP	25	REDB	129
294712	RT	SELL	ECONOMIC	01/17/2023	Hourly	FP	100	REDB	182
294740	RT	SELL	ECONOMIC	01/18/2023	Hourly	FP	100	MEAD230	195
294743	RT	SELL	ECONOMIC	01/18/2023	Hourly	FP	600	MEAD230	275
274046	Term	BUY	ECONOMIC	01/18/2023	Hourly	FP	120	MEAD230	41.99
294725	RT	SELL	ECONOMIC	01/18/2023	Hourly	FP	300	NAVAJO500	180
294728	RT	SELL	ECONOMIC	01/18/2023	Hourly	FP	225	MEAD230	205
294729	RT	SELL	ECONOMIC	01/18/2023	Hourly	FP	84	MEAD230	195
294730	RT	SELL	ECONOMIC	01/18/2023	Hourly	FP	39	MEAD230	215
294731	RT	SELL	ECONOMIC	01/18/2023	Hourly	FP	50	MEAD230	220
294732	RT	SELL	ECONOMIC	01/18/2023	Hourly	FP	50	MEAD230	220
294741	LD	SELL	ECONOMIC	01/18/2023	Hourly	FP	-84	MEAD230	195
294747	RT	SELL	ECONOMIC	01/18/2023	Hourly	FP	90	NAVAJO500	195
294757	RT	SELL	ECONOMIC	01/19/2023	Hourly	FP	80	NAVAJO500	185
274046	Term	BUY	ECONOMIC	01/19/2023	Hourly	FP	120	MEAD230	41.99
294750	RT	SELL	ECONOMIC	01/19/2023	Hourly	FP	300	MEAD230	285
294761	RT	SELL	ECONOMIC	01/19/2023	Hourly	FP	50	NAVAJO500	185
294762	RT	SELL	ECONOMIC	01/19/2023	Hourly	FP	100	REDB	183
294783	RT	SELL	ECONOMIC	01/20/2023	Hourly	FP	75	MEAD230	150
274046	Term	BUY	ECONOMIC	01/20/2023	Hourly	FP	120	MEAD230	41.99
294778	RT	BUY	ECONOMIC	01/20/2023	Hourly	FP	80	NAVAJO500	70
294779	RT	SELL	ECONOMIC	01/20/2023	Hourly	FP	30	MEAD230	145
294768	RT	SELL	ECONOMIC	01/20/2023	Hourly	FP	300	MEAD230	145
294769	RT	SELL	ECONOMIC	01/20/2023	Hourly	FP	50	NAVAJO500	220
294773	RT	SELL	ECONOMIC	01/20/2023	Hourly	FP	400	MEAD230	230
294753	DA	SELL	ECONOMIC	01/20/2023	Hourly	FP	200	MEAD230	220
294783	RT	SELL	ECONOMIC	01/21/2023	Hourly	FP	150	MEAD230	150

294785	RT	SELL	ECONOMIC	01/21/2023	Hourly	FP	125	MEAD230	220
294786	RT	SELL	ECONOMIC	01/21/2023	Hourly	FP	260	MEAD230	230
274046	Term	BUY	ECONOMIC	01/21/2023	Hourly	FP	120	MEAD230	41.99
294790	RT	SELL	ECONOMIC	01/21/2023	Hourly	FP	115	MEAD230	120
294794	RT	SELL	ECONOMIC	01/21/2023	Hourly	FP	260	MEAD230	175
294754	DA	SELL	ECONOMIC	01/21/2023	Hourly	FP	200	MEAD230	220
294797	RT	SELL	ECONOMIC	01/22/2023	Hourly	FP	300	NAVAJO500	155
274046	Term	BUY	ECONOMIC	01/22/2023	Hourly	FP	120	MEAD230	41.99
294801	RT	SELL	ECONOMIC	01/22/2023	Hourly	FP	225	NAVAJO500	140
294802	RT	SELL	ECONOMIC	01/22/2023	Hourly	FP	180	NAVAJO500	155
294808	RT	BUY	ECONOMIC	01/23/2023	Hourly	FP	40	MEAD230	40
274046	Term	BUY	ECONOMIC	01/23/2023	Hourly	FP	120	MEAD230	41.99
274046	Term	BUY	ECONOMIC	01/24/2023	Hourly	FP	120	MEAD230	41.99
274046	Term	BUY	ECONOMIC	01/25/2023	Hourly	FP	120	MEAD230	41.99
294810	RT	SELL	ECONOMIC	01/25/2023	Hourly	FP	155	NAVAJO500	247
294816	RT	SELL	ECONOMIC	01/25/2023	Hourly	FP	60	NAVAJO500	195
274046	Term	BUY	ECONOMIC	01/26/2023	Hourly	FP	120	MEAD230	41.99
294819	RT	SELL	ECONOMIC	01/26/2023	Hourly	FP	75	MEAD230	195
294820	RT	SELL	ECONOMIC	01/26/2023	Hourly	FP	165	NAVAJO500	180
294826	RT	SELL	ECONOMIC	01/26/2023	Hourly	FP	90	NAVAJO500	150
294827	RT	SELL	ECONOMIC	01/26/2023	Hourly	FP	160	MEAD230	160
294828	RT	SELL	ECONOMIC	01/26/2023	Hourly	FP	40	NAVAJO500	150
294831	RT	SELL	ECONOMIC	01/26/2023	Hourly	FP	200	NAVAJO500	140
294814	DA	SELL	ECONOMIC	01/26/2023	Light Load	FP	200	MEAD230	147
274046	Term	BUY	ECONOMIC	01/27/2023	Hourly	FP	120	MEAD230	41.99
294838	RT	SELL	ECONOMIC	01/27/2023	Hourly	FP	300	MEAD230	110
294843	RT	SELL	ECONOMIC	01/27/2023	Hourly	FP	250	NAVAJO500	110
294846	RT	SELL	ECONOMIC	01/28/2023	Hourly	FP	200	NAVAJO500	84
294849	RT	SELL	ECONOMIC	01/28/2023	Hourly	FP	100	MEAD230	122
294850	RT	SELL	ECONOMIC	01/28/2023	Hourly	FP	50	NAVAJO500	118
274046	Term	BUY	ECONOMIC	01/28/2023	Hourly	FP	120	MEAD230	41.99
294857	RT	SELL	ECONOMIC	01/29/2023	Hourly	FP	200	MEAD230	122
274046	Term	BUY	ECONOMIC	01/29/2023	Hourly	FP	120	MEAD230	41.99
294860	RT	SELL	ECONOMIC	01/29/2023	Hourly	FP	200	MEAD230	170
294868	RT	SELL	ECONOMIC	01/30/2023	Hourly	FP	150	MEAD230	170
294870	RT	SELL	ECONOMIC	01/30/2023	Hourly	FP	84	MEAD230	220
274046	Term	BUY	ECONOMIC	01/30/2023	Hourly	FP	120	MEAD230	41.99
294873	RT	SELL	ECONOMIC	01/30/2023	Hourly	FP	60	NAVAJO500	120
294874	RT	SELL	ECONOMIC	01/30/2023	Hourly	FP	300	REDB	108
294875	RT	SELL	ECONOMIC	01/30/2023	Hourly	FP	100	NAVAJO500	120
274046	Term	BUY	ECONOMIC	01/31/2023	Hourly	FP	120	MEAD230	41.99
274046	Term	BUY	ECONOMIC	02/01/2023	Hourly	FP	120	MEAD230	41.99
294882	RT	BUY	RELIABILITY	02/01/2023	Hourly	FP	150	NORTHSYS	300
274046	Term	BUY	ECONOMIC	02/02/2023	Hourly	FP	120	MEAD230	41.99
294886	RT	SELL	ECONOMIC	02/02/2023	Hourly	FP	240	NAVAJO500	55
294889	RT	SELL	ECONOMIC	02/02/2023	Hourly	FP	150	NAVAJO500	125
294884	RT	SELL	ECONOMIC	02/02/2023	Hourly	FP	75	MEAD230	160
294896	RT	SELL	ECONOMIC	02/03/2023	Hourly	FP	80	MEAD230	53

274046	Term	BUY	ECONOMIC	02/03/2023	Hourly	FP	120	MEAD230	41.99
294893	RT	SELL	ECONOMIC	02/03/2023	Hourly	FP	75	MEAD230	85
274046	Term	BUY	ECONOMIC	02/04/2023	Hourly	FP	120	MEAD230	41.99
294899	RT	SELL	ECONOMIC	02/05/2023	Hourly	FP	60	NAVAJO500	68
274046	Term	BUY	ECONOMIC	02/05/2023	Hourly	FP	120	MEAD230	41.99
274046	Term	BUY	ECONOMIC	02/06/2023	Hourly	FP	120	MEAD230	41.99
294906	RT	SELL	ECONOMIC	02/06/2023	Hourly	FP	138	NAVAJO500	82
294908	RT	SELL	ECONOMIC	02/07/2023	Hourly	FP	35	NAVAJO500	70
274046	Term	BUY	ECONOMIC	02/07/2023	Hourly	FP	120	MEAD230	41.99
294903	DA	SELL	ECONOMIC	02/07/2023	Light Load	FP	400	MEAD230	42
294904	DA	SELL	ECONOMIC	02/07/2023	Light Load	FP	200	MEAD230	44
294917	RT	BUY	RELIABILITY	02/08/2023	Hourly	FP	600	MEAD230	120
274046	Term	BUY	ECONOMIC	02/08/2023	Hourly	FP	120	MEAD230	41.99
294911	DA	SELL	ECONOMIC	02/08/2023	Light Load	FP	200	MEAD230	50
294912	DA	SELL	ECONOMIC	02/08/2023	Light Load	FP	200	MEAD230	50
294915	RT	SELL	ECONOMIC	02/08/2023	Hourly	FP	135	NAVAJO500	35
274046	Term	BUY	ECONOMIC	02/09/2023	Hourly	FP	120	MEAD230	41.99
294920	RT	SELL	ECONOMIC	02/09/2023	Hourly	FP	200	M345	42
294914	DA	SELL	ECONOMIC	02/09/2023	Light Load	FP	400	NORTHSYS	53
294939	RT	SELL	ECONOMIC	02/10/2023	Hourly	FP	30	NAVAJO500	76
294940	RT	SELL	ECONOMIC	02/10/2023	Hourly	FP	20	NAVAJO500	68
274046	Term	BUY	ECONOMIC	02/10/2023	Hourly	FP	120	MEAD230	41.99
294919	DA	SELL	ECONOMIC	02/10/2023	Hourly	FP	1200	NORTHSYS	53
274046	Term	BUY	ECONOMIC	02/11/2023	Hourly	FP	120	MEAD230	41.99
294919	DA	SELL	ECONOMIC	02/11/2023	Hourly	FP	1200	NORTHSYS	53
294944	RT	SELL	ECONOMIC	02/12/2023	Hourly	FP	90	MEAD230	87
274046	Term	BUY	ECONOMIC	02/12/2023	Hourly	FP	120	MEAD230	41.99
294943	DA	SELL	ECONOMIC	02/12/2023	Hourly	FP	1200	NORTHSYS	50.5
294948	RT	BUY	ECONOMIC	02/13/2023	Hourly	FP	5	MEAD230	17.23
274046	Term	BUY	ECONOMIC	02/13/2023	Hourly	FP	120	MEAD230	41.99
294943	DA	SELL	ECONOMIC	02/13/2023	Hourly	FP	1200	NORTHSYS	50.5
294949	RT	SELL	ECONOMIC	02/14/2023	Hourly	FP	15	MEAD230	60
294950	RT	SELL	ECONOMIC	02/14/2023	Hourly	FP	15	MEAD230	85
294954	RT	SELL	ECONOMIC	02/14/2023	Hourly	FP	50	MEAD230	72
294955	RT	SELL	ECONOMIC	02/14/2023	Hourly	FP	50	MEAD230	70
274046	Term	BUY	ECONOMIC	02/14/2023	Hourly	FP	120	MEAD230	41.99
274046	Term	BUY	ECONOMIC	02/15/2023	Hourly	FP	120	MEAD230	41.99
294947	DA	SELL	ECONOMIC	02/15/2023	Hourly	FP	1200	NORTHSYS	65
294964	RT	SELL	ECONOMIC	02/16/2023	Hourly	FP	169	MEAD230	150
294965	RT	SELL	ECONOMIC	02/16/2023	Hourly	FP	26	MEAD230	150
274046	Term	BUY	ECONOMIC	02/16/2023	Hourly	FP	120	MEAD230	41.99
294970	RT	SELL	ECONOMIC	02/17/2023	Hourly	FP	40	NAVAJO500	90
274046	Term	BUY	ECONOMIC	02/17/2023	Hourly	FP	120	MEAD230	41.99
294974	RT	BUY	ECONOMIC	02/18/2023	Hourly	FP	1	MEAD230	33.55
274046	Term	BUY	ECONOMIC	02/18/2023	Hourly	FP	120	MEAD230	41.99
294960	DA	SELL	ECONOMIC	02/18/2023	Light Load	FP	200	MEAD230	61
294961	DA	SELL	ECONOMIC	02/18/2023	Light Load	FP	200	MEAD230	62
274046	Term	BUY	ECONOMIC	02/19/2023	Hourly	FP	120	MEAD230	41.99

294976	RT	SELL	ECONOMIC	02/19/2023	Hourly	FP	150	MEAD230	80
294980	RT	SELL	ECONOMIC	02/19/2023	Hourly	FP	30	NAVAJO500	65
294960	DA	SELL	ECONOMIC	02/19/2023	Light Load	FP	600	MEAD230	61
294961	DA	SELL	ECONOMIC	02/19/2023	Light Load	FP	600	MEAD230	62
294983	RT	SELL	ECONOMIC	02/20/2023	Hourly	FP	300	NAVAJO500	74
274046	Term	BUY	ECONOMIC	02/20/2023	Hourly	FP	120	MEAD230	41.99
294988	RT	SELL	ECONOMIC	02/21/2023	Hourly	FP	100	REDB	67
274046	Term	BUY	ECONOMIC	02/21/2023	Hourly	FP	120	MEAD230	41.99
294969	DA	SELL	ECONOMIC	02/21/2023	Hourly	FP	1200	M345	63
294992	RT	SELL	ECONOMIC	02/22/2023	Hourly	FP	100	REDB	70
294993	RT	SELL	ECONOMIC	02/22/2023	Hourly	FP	150	REDB	67
294994	RT	SELL	ECONOMIC	02/22/2023	Hourly	FP	600	REDB	71.5
294999	RT	BUY	ECONOMIC	02/22/2023	Hourly	FP	3	MEAD230	40.88
295000	RT	BUY	ECONOMIC	02/22/2023	Hourly	FP	0.75	MCCULLOUGH500	40.25
274046	Term	BUY	ECONOMIC	02/22/2023	Hourly	FP	120	MEAD230	41.99
274046	Term	BUY	ECONOMIC	02/23/2023	Hourly	FP	120	MEAD230	41.99
295007	RT	SELL	ECONOMIC	02/24/2023	Hourly	FP	15	NAVAJO500	185
274046	Term	BUY	ECONOMIC	02/24/2023	Hourly	FP	120	MEAD230	41.99
295009	RT	SELL	ECONOMIC	02/24/2023	Hourly	FP	50	REDB	125
274046	Term	BUY	ECONOMIC	02/25/2023	Hourly	FP	120	MEAD230	41.99
295012	RT	SELL	ECONOMIC	02/25/2023	Hourly	FP	70	NAVAJO500	108
295016	RT	SELL	ECONOMIC	02/25/2023	Hourly	FP	115	NAVAJO500	160
274046	Term	BUY	ECONOMIC	02/26/2023	Hourly	FP	120	MEAD230	41.99
295020	RT	SELL	ECONOMIC	02/26/2023	Hourly	FP	520	NAVAJO500	130
295024	RT	SELL	ECONOMIC	02/26/2023	Hourly	FP	120	NAVAJO500	115
295036	RT	BUY	ECONOMIC	02/27/2023	Hourly	FP	1	MEAD230	86.28
295038	RT	SELL	ECONOMIC	02/27/2023	Hourly	FP	25	MEAD230	105
274046	Term	BUY	ECONOMIC	02/27/2023	Hourly	FP	120	MEAD230	41.99
295027	RT	SELL	ECONOMIC	02/27/2023	Hourly	FP	110	NAVAJO500	100
295028	RT	SELL	ECONOMIC	02/27/2023	Hourly	FP	240	NAVAJO500	100
295042	RT	SELL	ECONOMIC	02/28/2023	Hourly	FP	100	M345	68
274046	Term	BUY	ECONOMIC	02/28/2023	Hourly	FP	120	MEAD230	41.99
295040	RT	BUY	ECONOMIC	02/28/2023	Hourly	FP	1	MEAD230	86.08
274046	Term	BUY	ECONOMIC	03/01/2023	Hourly	FP	120	MEAD230	41.99
295044	RT	SELL	ECONOMIC	03/01/2023	Hourly	FP	150	M345	77
295045	RT	SELL	ECONOMIC	03/01/2023	Hourly	FP	75	MEAD230	82
295050	RT	SELL	ECONOMIC	03/01/2023	Hourly	FP	50	M345	83
295051	RT	SELL	ECONOMIC	03/01/2023	Hourly	FP	25	MEAD230	100
274046	Term	BUY	ECONOMIC	03/02/2023	Hourly	FP	120	MEAD230	41.99
274046	Term	BUY	ECONOMIC	03/03/2023	Hourly	FP	120	MEAD230	41.99
295056	RT	SELL	ECONOMIC	03/03/2023	Hourly	FP	30	NAVAJO500	99
274046	Term	BUY	ECONOMIC	03/04/2023	Hourly	FP	120	MEAD230	41.99
274046	Term	BUY	ECONOMIC	03/05/2023	Hourly	FP	120	MEAD230	41.99
295057	DA	SELL	ECONOMIC	03/05/2023	Light Load	FP	1200	M345	101
295062	RT	SELL	ECONOMIC	03/05/2023	Hourly	FP	60	NAVAJO500	75
274046	Term	BUY	ECONOMIC	03/06/2023	Hourly	FP	120	MEAD230	41.99
295066	RT	SELL	ECONOMIC	03/06/2023	Hourly	FP	25	HILLTOP345	70
295057	DA	SELL	ECONOMIC	03/06/2023	Light Load	FP	400	M345	101

274046	Term	BUY	ECONOMIC	03/07/2023	Hourly	FP	120	MEAD230	41.99
295078	RT	SELL	ECONOMIC	03/07/2023	Hourly	FP	250	MEAD230	140
295065	DA	SELL	ECONOMIC	03/07/2023	Light Load	FP	200	MEAD230	105
295070	RT	SELL	ECONOMIC	03/07/2023	Hourly	FP	200	MEAD230	90
274046	Term	BUY	ECONOMIC	03/08/2023	Hourly	FP	120	MEAD230	41.99
295084	RT	SELL	ECONOMIC	03/08/2023	Hourly	FP	50	M345	79
295093	RT	SELL	ECONOMIC	03/08/2023	Hourly	FP	15	REDB	90
295094	RT	SELL	ECONOMIC	03/08/2023	Hourly	FP	25	REDB	93
295074	DA	SELL	ECONOMIC	03/08/2023	Light Load	FP	200	MEAD230	95
295075	DA	SELL	ECONOMIC	03/08/2023	Light Load	FP	200	MEAD230	95
295076	DA	SELL	ECONOMIC	03/08/2023	Light Load	FP	200	MEAD230	100
295083	RT	SELL	ECONOMIC	03/08/2023	Hourly	FP	50	REDB	75
274046	Term	BUY	ECONOMIC	03/09/2023	Hourly	FP	120	MEAD230	41.99
295102	RT	SELL	ECONOMIC	03/09/2023	Hourly	FP	25	MEAD230	85
295105	RT	SELL	ECONOMIC	03/09/2023	Hourly	FP	10	NAVAJO500	90
295107	RT	SELL	ECONOMIC	03/09/2023	Hourly	FP	20	NAVAJO500	100
295085	DA	SELL	ECONOMIC	03/09/2023	Hourly	FP	1200	NOB	74
295087	DA	SELL	ECONOMIC	03/09/2023	Heavy Load	FP	400	MEAD230	80
295088	DA	SELL	ECONOMIC	03/09/2023	Light Load	FP	200	MEAD230	102
295098	RT	SELL	ECONOMIC	03/09/2023	Hourly	FP	159	MEAD230	120
295100	RT	SELL	ECONOMIC	03/09/2023	Hourly	FP	100	HILLTOP345	100
295108	LD	SELL	ECONOMIC	03/09/2023	Hourly	FP	-1	HILLTOP345	100
295117	RT	SELL	ECONOMIC	03/10/2023	Hourly	FP	50	MEAD230	80
295125	LD	SELL	ECONOMIC	03/10/2023	Hourly	FP	-50	MEAD230	80
295110	RT	SELL	ECONOMIC	03/10/2023	Hourly	FP	150	MEAD230	74
295114	RT	SELL	ECONOMIC	03/10/2023	Hourly	FP	60	NAVAJO500	95
274046	Term	BUY	ECONOMIC	03/10/2023	Hourly	FP	120	MEAD230	41.99
295117	RT	SELL	ECONOMIC	03/11/2023	Hourly	FP	250	MEAD230	80
295121	RT	SELL	ECONOMIC	03/11/2023	Hourly	FP	50	M345	60
295125	LD	SELL	ECONOMIC	03/11/2023	Hourly	FP	-100	MEAD230	80
295126	RT	SELL	ECONOMIC	03/11/2023	Hourly	FP	50	MEAD230	90
274046	Term	BUY	ECONOMIC	03/11/2023	Hourly	FP	120	MEAD230	41.99
295126	RT	SELL	ECONOMIC	03/12/2023	Hourly	FP	100	MEAD230	90
295127	RT	SELL	ECONOMIC	03/12/2023	Hourly	FP	150	MEAD230	90
295137	RT	SELL	ECONOMIC	03/12/2023	Hourly	FP	100	M345	64
295138	RT	SELL	ECONOMIC	03/12/2023	Hourly	FP	150	MEAD230	43
295139	RT	SELL	ECONOMIC	03/12/2023	Hourly	FP	150	NAVAJO500	30
295148	LD	SELL	ECONOMIC	03/12/2023	Hourly	FP	-34	MEAD230	43
295147	RT	SELL	ECONOMIC	03/12/2023	Hourly	FP	34	HILLTOP345	45
295150	RT	SELL	ECONOMIC	03/12/2023	Hourly	FP	152	HILLTOP345	40
295151	RT	SELL	ECONOMIC	03/12/2023	Hourly	FP	50	M345	47
295154	LD	SELL	ECONOMIC	03/12/2023	Hourly	FP	-24	HILLTOP345	40
274046	Term	BUY	ECONOMIC	03/12/2023	Hourly	FP	115	MEAD230	41.99
295146	LD	BUY	ECONOMIC	03/12/2023	Hourly	FP	-8	MEAD230	41.99
295155	RT	SELL	ECONOMIC	03/13/2023	Hourly	FP	150	MEAD230	40
295156	RT	SELL	ECONOMIC	03/13/2023	Hourly	FP	250	REDB	48
295157	RT	SELL	ECONOMIC	03/13/2023	Hourly	FP	100	NAVAJO500	83
274046	Term	BUY	ECONOMIC	03/13/2023	Hourly	FP	120	MEAD230	41.99

295163	RT	SELL	ECONOMIC	03/13/2023	Hourly	FP	119	MEAD230	42
295164	RT	SELL	ECONOMIC	03/13/2023	Hourly	FP	250	MEAD230	41
295169	RT	SELL	ECONOMIC	03/13/2023	Hourly	FP	30	MEAD230	110
295171	RT	SELL	ECONOMIC	03/14/2023	Hourly	FP	150	MEAD230	80
274046	Term	BUY	ECONOMIC	03/14/2023	Hourly	FP	120	MEAD230	41.99
295175	RT	BUY	ECONOMIC	03/14/2023	Hourly	FP	400	MEAD230	150
295176	RT	BUY	ECONOMIC	03/14/2023	Hourly	FP	200	MCCULLOUGH500	150
295177	RT	BUY	ECONOMIC	03/14/2023	Hourly	FP	200	MEAD230	125
274046	Term	BUY	ECONOMIC	03/15/2023	Hourly	FP	120	MEAD230	41.99
295181	RT	SELL	ECONOMIC	03/15/2023	Hourly	FP	450	MEAD230	70
295185	RT	SELL	ECONOMIC	03/15/2023	Hourly	FP	50	NAVAJO500	70
295197	RT	SELL	ECONOMIC	03/16/2023	Hourly	FP	1050	MEAD230	30
296668	RT	SELL	ECONOMIC	03/16/2023	Hourly	FP	250	MEAD230	80
274046	Term	BUY	ECONOMIC	03/16/2023	Hourly	FP	120	MEAD230	41.99
295188	DA	SELL	ECONOMIC	03/16/2023	Hourly	FP	320	NORTHSYS	30
295189	DA	SELL	ECONOMIC	03/16/2023	Hourly	FP	400	M345	30
295190	DA	SELL	ECONOMIC	03/16/2023	Hourly	FP	1180	MEAD230	29.65
295199	RT	SELL	ECONOMIC	03/16/2023	Hourly	FP	150	MEAD230	20
295211	RT	SELL	ECONOMIC	03/17/2023	Hourly	FP	75	M345	40
295207	RT	SELL	ECONOMIC	03/17/2023	Hourly	FP	1350	HILLTOP345	30
274046	Term	BUY	ECONOMIC	03/17/2023	Hourly	FP	120	MEAD230	41.99
295204	DA	SELL	ECONOMIC	03/17/2023	Hourly	FP	2080	MEAD230	31.23
295200	DA	SELL	ECONOMIC	03/17/2023	Hourly	FP	320	NORTHSYS	30
295222	RT	SELL	ECONOMIC	03/18/2023	Hourly	FP	300	REDB	36
295226	RT	SELL	ECONOMIC	03/18/2023	Hourly	FP	130	NAVAJO500	90
295218	RT	SELL	ECONOMIC	03/18/2023	Hourly	FP	875	REDB	36
295230	RT	SELL	ECONOMIC	03/18/2023	Hourly	FP	60	NAVAJO500	95
295395	LD	SELL	ECONOMIC	03/18/2023	Hourly	FP	-22	NAVAJO500	95
274046	Term	BUY	ECONOMIC	03/18/2023	Hourly	FP	120	MEAD230	41.99
295215	DA	SELL	ECONOMIC	03/18/2023	Hourly	FP	960	MEAD230	9.08
295201	DA	SELL	ECONOMIC	03/18/2023	Hourly	FP	240	NORTHSYS	30
295234	RT	SELL	ECONOMIC	03/19/2023	Hourly	FP	225	NAVAJO500	68
274046	Term	BUY	ECONOMIC	03/19/2023	Hourly	FP	120	MEAD230	41.99
295209	DA	SELL	ECONOMIC	03/19/2023	Hourly	FP	320	NORTHSYS	40
295238	RT	SELL	ECONOMIC	03/20/2023	Hourly	FP	675	MEAD230	92
295249	RT	SELL	ECONOMIC	03/20/2023	Hourly	FP	45	NAVAJO500	105
274046	Term	BUY	ECONOMIC	03/20/2023	Hourly	FP	120	MEAD230	41.99
295210	DA	SELL	ECONOMIC	03/20/2023	Hourly	FP	320	NORTHSYS	43
295246	RT	SELL	ECONOMIC	03/20/2023	Hourly	FP	60	MEAD230	60
295251	RT	SELL	ECONOMIC	03/21/2023	Hourly	FP	45	NAVAJO500	110
274046	Term	BUY	ECONOMIC	03/21/2023	Hourly	FP	120	MEAD230	41.99
295242	DA	SELL	ECONOMIC	03/21/2023	Heavy Load	FP	400	MEAD230	85
295243	DA	SELL	ECONOMIC	03/21/2023	Heavy Load	FP	400	MEAD230	87.5
295255	RT	SELL	ECONOMIC	03/21/2023	Hourly	FP	75	M345	64
295259	RT	SELL	ECONOMIC	03/21/2023	Hourly	FP	90	NAVAJO500	135
295262	RT	SELL	ECONOMIC	03/22/2023	Hourly	FP	600	MEAD230	108
295266	RT	SELL	ECONOMIC	03/22/2023	Hourly	FP	225	HILLTOP345	125
274046	Term	BUY	ECONOMIC	03/22/2023	Hourly	FP	120	MEAD230	41.99

295253	DA	SELL	ECONOMIC	03/22/2023	Heavy Load	FP	800	MEAD230	75
295254	DA	SELL	ECONOMIC	03/22/2023	Light Load	FP	400	MEAD230	70
295271	RT	SELL	ECONOMIC	03/22/2023	Hourly	FP	200	HILLTOP345	75
295275	RT	SELL	ECONOMIC	03/22/2023	Hourly	FP	200	HILLTOP345	90
295278	RT	SELL	ECONOMIC	03/23/2023	Hourly	FP	50	MEAD230	85
274046	Term	BUY	ECONOMIC	03/23/2023	Hourly	FP	120	MEAD230	41.99
295270	DA	SELL	ECONOMIC	03/23/2023	Hourly	FP	360	NORTHSYS	44
295282	RT	SELL	ECONOMIC	03/24/2023	Hourly	FP	300	MEAD230	20
295294	LD	SELL	ECONOMIC	03/24/2023	Hourly	FP	-4	MEAD230	20
274046	Term	BUY	ECONOMIC	03/24/2023	Hourly	FP	120	MEAD230	41.99
295281	DA	SELL	ECONOMIC	03/24/2023	Heavy Load	FP	640	NORTHSYS	33.5
295297	RT	SELL	ECONOMIC	03/25/2023	Hourly	FP	50	MEAD230	85
295298	RT	SELL	ECONOMIC	03/25/2023	Hourly	FP	10	MEAD230	95
295299	RT	SELL	ECONOMIC	03/25/2023	Hourly	FP	15	MEAD230	85
274046	Term	BUY	ECONOMIC	03/25/2023	Hourly	FP	120	MEAD230	41.99
295281	DA	SELL	ECONOMIC	03/25/2023	Heavy Load	FP	640	NORTHSYS	33.5
295312	RT	SELL	ECONOMIC	03/26/2023	Hourly	FP	30	MEAD230	95
295304	RT	SELL	ECONOMIC	03/26/2023	Hourly	FP	225	MEAD230	95
295305	RT	SELL	ECONOMIC	03/26/2023	Hourly	FP	150	NAVAJO500	108
274046	Term	BUY	ECONOMIC	03/26/2023	Hourly	FP	120	MEAD230	41.99
295284	DA	SELL	ECONOMIC	03/26/2023	Hourly	FP	960	NORTHSYS	25
295285	DA	SELL	ECONOMIC	03/26/2023	Hourly	FP	2400	M345	33
295286	DA	SELL	ECONOMIC	03/26/2023	Light Load	FP	600	MEAD230	45
295287	DA	SELL	ECONOMIC	03/26/2023	Light Load	FP	600	MEAD230	43
274046	Term	BUY	ECONOMIC	03/27/2023	Hourly	FP	120	MEAD230	41.99
295284	DA	SELL	ECONOMIC	03/27/2023	Hourly	FP	960	NORTHSYS	25
295285	DA	SELL	ECONOMIC	03/27/2023	Hourly	FP	2400	M345	33
295286	DA	SELL	ECONOMIC	03/27/2023	Light Load	FP	200	MEAD230	45
295287	DA	SELL	ECONOMIC	03/27/2023	Light Load	FP	200	MEAD230	43
295288	DA	SELL	ECONOMIC	03/27/2023	Heavy Load	FP	1600	M345	33
295289	DA	SELL	ECONOMIC	03/27/2023	Heavy Load	FP	400	MEAD230	48
295293	LD	SELL	ECONOMIC	03/27/2023	Heavy Load	FP	-520	M345	33
295324	LD	SELL	ECONOMIC	03/27/2023	Heavy Load	FP	-8	MEAD230	48
295319	RT	SELL	ECONOMIC	03/28/2023	Hourly	FP	50	MEAD230	115
274046	Term	BUY	ECONOMIC	03/28/2023	Hourly	FP	120	MEAD230	41.99
295315	DA	SELL	ECONOMIC	03/28/2023	Hourly	FP	360	NORTHSYS	45
295316	DA	SELL	ECONOMIC	03/28/2023	Hourly	FP	600	MEAD230	63
295323	LD	SELL	ECONOMIC	03/28/2023	Hourly	FP	-21	MEAD230	63
295327	RT	SELL	ECONOMIC	03/29/2023	Hourly	FP	35	MEAD230	60
295328	RT	SELL	ECONOMIC	03/29/2023	Hourly	FP	200	REDB	60
295331	RT	SELL	ECONOMIC	03/29/2023	Hourly	FP	210	MEAD230	62
295341	LD	SELL	ECONOMIC	03/29/2023	Hourly	FP	-1	MEAD230	62
274046	Term	BUY	ECONOMIC	03/29/2023	Hourly	FP	120	MEAD230	41.99
295321	DA	SELL	ECONOMIC	03/29/2023	Hourly	FP	400	NORTHSYS	41
295322	DA	SELL	ECONOMIC	03/29/2023	Hourly	FP	500	M345	48
295326	LD	SELL	ECONOMIC	03/29/2023	Hourly	FP	-500	M345	48
295344	RT	BUY	ECONOMIC	03/30/2023	Hourly	FP	46	MEAD230	65
274046	Term	BUY	ECONOMIC	03/30/2023	Hourly	FP	120	MEAD230	41.99

295329	DA	BUY	ECONOMIC	03/30/2023	Light Load	FP	200	MEAD230	59
295330	DA	BUY	ECONOMIC	03/30/2023	Light Load	FP	200	MEAD230	58
295347	RT	SELL	ECONOMIC	03/31/2023	Hourly	FP	75	REDB	40
274046	Term	BUY	ECONOMIC	03/31/2023	Hourly	FP	120	MEAD230	41.99
295329	DA	BUY	ECONOMIC	03/31/2023	Light Load	FP	200	MEAD230	59
295330	DA	BUY	ECONOMIC	03/31/2023	Light Load	FP	200	MEAD230	58
295343	DA	SELL	ECONOMIC	03/31/2023	Hourly	FP	125	MEAD230	2.55
295351	RT	SELL	ECONOMIC	04/01/2023	Hourly	FP	800	M345	5
295353	RT	SELL	ECONOMIC	04/01/2023	Hourly	FP	450	REDB	5
295354	RT	SELL	ECONOMIC	04/01/2023	Hourly	FP	350	REDB	5
295357	LD	SELL	ECONOMIC	04/01/2023	Hourly	FP	-23	M345	5
274046	Term	BUY	ECONOMIC	04/01/2023	Hourly	FP	120	MEAD230	41.99
295342	DA	SELL	ECONOMIC	04/01/2023	Hourly	FP	320	NORTHSYS	30
274046	Term	BUY	ECONOMIC	04/02/2023	Hourly	FP	120	MEAD230	41.99
295348	DA	SELL	ECONOMIC	04/02/2023	Hourly	FP	270	NORTHSYS	25
295358	DA	SELL	ECONOMIC	04/02/2023	Hourly	FP	170	MEAD230	0.18
295361	RT	SELL	ECONOMIC	04/02/2023	Hourly	FP	80	MEAD230	68
295364	RT	SELL	ECONOMIC	04/02/2023	Hourly	FP	498	REDB	1
295365	RT	SELL	ECONOMIC	04/02/2023	Hourly	FP	700	MEAD230	1
295366	RT	SELL	ECONOMIC	04/02/2023	Hourly	FP	210	REDB	1
295372	RT	SELL	ECONOMIC	04/02/2023	Hourly	FP	40	M345	3
295373	LD	SELL	ECONOMIC	04/02/2023	Hourly	FP	-33	REDB	1
274046	Term	BUY	ECONOMIC	04/03/2023	Hourly	FP	120	MEAD230	41.99
295374	RT	SELL	ECONOMIC	04/03/2023	Hourly	FP	35	NAVAJO500	68
295378	RT	SELL	ECONOMIC	04/03/2023	Hourly	FP	100	MEAD230	118
274046	Term	BUY	ECONOMIC	04/04/2023	Hourly	FP	120	MEAD230	41.99
295381	DA	SELL	ECONOMIC	04/04/2023	Hourly	FP	225	REDB	37
295382	DA	SELL	ECONOMIC	04/04/2023	Hourly	FP	180	NORTHSYS	30
295384	RT	SELL	ECONOMIC	04/04/2023	Hourly	FP	42	MEAD230	67
295387	RT	SELL	ECONOMIC	04/04/2023	Hourly	FP	50	MEAD230	59
295396	RT	SELL	ECONOMIC	04/05/2023	Hourly	FP	20	MEAD230	85
274046	Term	BUY	ECONOMIC	04/05/2023	Hourly	FP	120	MEAD230	41.99
295390	DA	SELL	ECONOMIC	04/05/2023	Light Load	FP	200	MEAD230	79
295391	DA	SELL	ECONOMIC	04/05/2023	Light Load	FP	200	MEAD230	77
295392	DA	SELL	ECONOMIC	04/05/2023	Light Load	FP	200	MEAD230	79
295404	RT	SELL	ECONOMIC	04/06/2023	Hourly	FP	150	REDB	35
295405	RT	SELL	ECONOMIC	04/06/2023	Hourly	FP	102	M345	40
295406	RT	SELL	ECONOMIC	04/06/2023	Hourly	FP	723	HILLTOP345	15
295409	RT	SELL	ECONOMIC	04/06/2023	Hourly	FP	600	MEAD230	15
295418	LD	SELL	ECONOMIC	04/06/2023	Hourly	FP	-88	MEAD230	15
274046	Term	BUY	ECONOMIC	04/06/2023	Hourly	FP	120	MEAD230	41.99
295390	DA	SELL	ECONOMIC	04/06/2023	Light Load	FP	200	MEAD230	79
295391	DA	SELL	ECONOMIC	04/06/2023	Light Load	FP	200	MEAD230	77
295392	DA	SELL	ECONOMIC	04/06/2023	Light Load	FP	200	MEAD230	79
295419	RT	SELL	ECONOMIC	04/07/2023	Hourly	FP	175	NAVAJO500	83
274046	Term	BUY	ECONOMIC	04/07/2023	Hourly	FP	120	MEAD230	41.99
295399	DA	SELL	ECONOMIC	04/07/2023	Light Load	FP	200	MEAD230	77
295400	DA	SELL	ECONOMIC	04/07/2023	Light Load	FP	200	MEAD230	77

295401	DA	SELL	ECONOMIC	04/07/2023	Light Load	FP	200	MEAD230	76
295423	RT	SELL	ECONOMIC	04/07/2023	Hourly	FP	20	MEAD230	70
295424	RT	SELL	ECONOMIC	04/07/2023	Hourly	FP	120	NAVAJO500	78
295427	RT	SELL	ECONOMIC	04/07/2023	Hourly	FP	50	MEAD230	80
274046	Term	BUY	ECONOMIC	04/08/2023	Hourly	FP	120	MEAD230	41.99
295399	DA	SELL	ECONOMIC	04/08/2023	Light Load	FP	200	MEAD230	77
295400	DA	SELL	ECONOMIC	04/08/2023	Light Load	FP	200	MEAD230	77
295401	DA	SELL	ECONOMIC	04/08/2023	Light Load	FP	200	MEAD230	76
295430	RT	SELL	ECONOMIC	04/08/2023	Hourly	FP	50	MEAD230	62
295434	RT	SELL	ECONOMIC	04/08/2023	Hourly	FP	15	MEAD230	75
274046	Term	BUY	ECONOMIC	04/09/2023	Hourly	FP	120	MEAD230	41.99
295408	DA	SELL	ECONOMIC	04/09/2023	Light Load	FP	600	MEAD230	68
295429	DA	SELL	ECONOMIC	04/09/2023	Hourly	FP	200	MEAD230	4.86
295441	RT	SELL	ECONOMIC	04/09/2023	Hourly	FP	200	MEAD230	10
295442	RT	SELL	ECONOMIC	04/09/2023	Hourly	FP	24	M345	5
295443	RT	SELL	ECONOMIC	04/09/2023	Hourly	FP	26	MEAD230	10
295447	RT	SELL	ECONOMIC	04/09/2023	Hourly	FP	200	NAVAJO500	75
295448	RT	SELL	ECONOMIC	04/09/2023	Hourly	FP	220	NAVAJO500	81
295452	RT	SELL	ECONOMIC	04/09/2023	Hourly	FP	40	NAVAJO500	45
295456	RT	SELL	ECONOMIC	04/09/2023	Hourly	FP	200	MEAD230	85
295407	DA	SELL	ECONOMIC	04/09/2023	Light Load	FP	1200	MEAD230	65
295410	DA	SELL	ECONOMIC	04/09/2023	Light Load	FP	1200	MEAD230	68
295411	DA	SELL	ECONOMIC	04/09/2023	Light Load	FP	600	MEAD230	68
295437	RT	SELL	ECONOMIC	04/09/2023	Hourly	FP	250	NAVAJO500	65
295462	RT	BUY	ECONOMIC	04/09/2023	Hourly	FP	50	REDB	125
295464	RT	SELL	ECONOMIC	04/10/2023	Hourly	FP	90	NAVAJO500	65
295465	RT	SELL	ECONOMIC	04/10/2023	Hourly	FP	56	NAVAJO500	65
295466	RT	SELL	ECONOMIC	04/10/2023	Hourly	FP	400	MEAD230	15
295467	RT	SELL	ECONOMIC	04/10/2023	Hourly	FP	500	M345	25
295469	RT	SELL	ECONOMIC	04/10/2023	Hourly	FP	1600	MEAD230	15
295482	RT	BUY	ECONOMIC	04/10/2023	Hourly	FP	680	MEAD230	175
295483	RT	BUY	ECONOMIC	04/10/2023	Hourly	FP	300	MEAD230	175
295484	RT	BUY	ECONOMIC	04/10/2023	Hourly	FP	220	MEAD230	175
274046	Term	BUY	ECONOMIC	04/10/2023	Hourly	FP	120	MEAD230	41.99
295408	DA	SELL	ECONOMIC	04/10/2023	Light Load	FP	200	MEAD230	68
295407	DA	SELL	ECONOMIC	04/10/2023	Light Load	FP	400	MEAD230	65
295410	DA	SELL	ECONOMIC	04/10/2023	Light Load	FP	400	MEAD230	68
295411	DA	SELL	ECONOMIC	04/10/2023	Light Load	FP	200	MEAD230	68
295491	RT	SELL	ECONOMIC	04/11/2023	Hourly	FP	85	NAVAJO500	40
274046	Term	BUY	ECONOMIC	04/11/2023	Hourly	FP	120	MEAD230	41.99
295468	DA	SELL	ECONOMIC	04/11/2023	Light Load	FP	200	MEAD230	83
295470	DA	SELL	ECONOMIC	04/11/2023	Light Load	FP	200	MEAD230	86
295471	DA	SELL	ECONOMIC	04/11/2023	Light Load	FP	200	MEAD230	87
295472	DA	SELL	ECONOMIC	04/11/2023	Light Load	FP	40	MEAD230	86
295480	DA	SELL	ECONOMIC	04/11/2023	Hourly	FP	450	MEAD230	26.17
295502	RT	SELL	ECONOMIC	04/11/2023	Hourly	FP	30	NAVAJO500	70
295490	RT	SELL	ECONOMIC	04/11/2023	Hourly	FP	30	NAVAJO500	65
274046	Term	BUY	ECONOMIC	04/12/2023	Hourly	FP	120	MEAD230	41.99

295495	DA	SELL	ECONOMIC	04/12/2023	Light Load	FP	200	MEAD230	75
295496	DA	SELL	ECONOMIC	04/12/2023	Light Load	FP	160	MEAD230	75
295497	DA	SELL	ECONOMIC	04/12/2023	Light Load	FP	192	MEAD230	75
295498	DA	SELL	ECONOMIC	04/12/2023	Heavy Load	FP	1600	MEAD230	66
295499	DA	SELL	ECONOMIC	04/12/2023	Light Load	FP	400	MEAD230	75.1
295505	RT	SELL	ECONOMIC	04/12/2023	Hourly	FP	60	NAVAJO500	50
295506	RT	SELL	ECONOMIC	04/12/2023	Hourly	FP	40	NAVAJO500	50
295513	RT	SELL	ECONOMIC	04/12/2023	Hourly	FP	180	NAVAJO500	52
295517	RT	SELL	ECONOMIC	04/12/2023	Hourly	FP	150	MEAD230	70
295518	RT	SELL	ECONOMIC	04/12/2023	Hourly	FP	75	MEAD230	60
295539	RT	SELL	ECONOMIC	04/13/2023	Hourly	FP	50	NAVAJO500	50
295540	RT	SELL	ECONOMIC	04/13/2023	Hourly	FP	100	NAVAJO500	42
295554	RT	SELL	ECONOMIC	04/13/2023	Hourly	FP	200	MEAD230	105
274046	Term	BUY	ECONOMIC	04/13/2023	Hourly	FP	120	MEAD230	41.99
295521	DA	SELL	ECONOMIC	04/13/2023	Light Load	FP	200	MEAD230	60
295523	DA	SELL	ECONOMIC	04/13/2023	Light Load	FP	120	MEAD230	62
295524	DA	SELL	ECONOMIC	04/13/2023	Light Load	FP	200	MEAD230	62
295526	DA	SELL	ECONOMIC	04/13/2023	Light Load	FP	392	MEAD230	60
295533	RT	SELL	ECONOMIC	04/13/2023	Hourly	FP	50	MEAD230	55
295535	RT	SELL	ECONOMIC	04/13/2023	Hourly	FP	145	NAVAJO500	73
295564	RT	SELL	ECONOMIC	04/13/2023	Hourly	FP	15	MEAD230	60
295522	DA	SELL	ECONOMIC	04/13/2023	Heavy Load	FP	400	MEAD230	58
295525	DA	SELL	ECONOMIC	04/13/2023	Heavy Load	FP	400	MEAD230	58
295527	DA	SELL	ECONOMIC	04/13/2023	Heavy Load	FP	400	MEAD230	60
295528	DA	SELL	ECONOMIC	04/13/2023	Heavy Load	FP	400	MEAD230	62
295529	DA	SELL	ECONOMIC	04/13/2023	Heavy Load	FP	400	MEAD230	62.5
274046	Term	BUY	ECONOMIC	04/14/2023	Hourly	FP	120	MEAD230	41.99
295541	DA	SELL	ECONOMIC	04/14/2023	Heavy Load	FP	400	MEAD230	65
295542	DA	SELL	ECONOMIC	04/14/2023	Heavy Load	FP	1200	NORTHSYS	55
295543	DA	SELL	ECONOMIC	04/14/2023	Light Load	FP	400	MEAD230	65
295544	DA	SELL	ECONOMIC	04/14/2023	Light Load	FP	192	MEAD230	73
295545	DA	SELL	ECONOMIC	04/14/2023	Hourly	FP	531	MEAD230	20
295570	RT	SELL	ECONOMIC	04/14/2023	Hourly	FP	50	NAVAJO500	95
295574	RT	SELL	ECONOMIC	04/14/2023	Hourly	FP	80	MEAD230	85
295577	RT	SELL	ECONOMIC	04/14/2023	Hourly	FP	50	MEAD230	85
295580	RT	SELL	ECONOMIC	04/14/2023	Hourly	FP	300	M345	61
295547	DA	SELL	ECONOMIC	04/14/2023	Light Load	FP	200	MEAD230	73
295552	DA	SELL	ECONOMIC	04/14/2023	Hourly	FP	223	MEAD230	4.89
295584	RT	SELL	ECONOMIC	04/14/2023	Hourly	FP	45	REDB	39
295585	RT	SELL	ECONOMIC	04/14/2023	Hourly	FP	154	HILLTOP345	39
295590	RT	SELL	ECONOMIC	04/14/2023	Hourly	FP	850	MEAD230	40
295596	RT	SELL	ECONOMIC	04/14/2023	Hourly	FP	60	MEAD230	65
295597	RT	SELL	ECONOMIC	04/14/2023	Hourly	FP	40	NAVAJO500	75
274046	Term	BUY	ECONOMIC	04/15/2023	Hourly	FP	120	MEAD230	41.99
295541	DA	SELL	ECONOMIC	04/15/2023	Heavy Load	FP	400	MEAD230	65
295542	DA	SELL	ECONOMIC	04/15/2023	Heavy Load	FP	1200	NORTHSYS	55
295543	DA	SELL	ECONOMIC	04/15/2023	Light Load	FP	400	MEAD230	65
295544	DA	SELL	ECONOMIC	04/15/2023	Light Load	FP	192	MEAD230	73

295546	DA	SELL	ECONOMIC	04/15/2023	Hourly	FP	531	MEAD230	20
295547	DA	SELL	ECONOMIC	04/15/2023	Light Load	FP	200	MEAD230	73
295594	DA	SELL	ECONOMIC	04/15/2023	Hourly	FP	91	MEAD230	0.03
295614	RT	SELL	ECONOMIC	04/15/2023	Hourly	FP	164	NAVAJO500	22
295615	RT	SELL	ECONOMIC	04/15/2023	Hourly	FP	400	HILLTOP345	20
295616	RT	SELL	ECONOMIC	04/15/2023	Hourly	FP	440	MEAD230	10
295621	LD	SELL	ECONOMIC	04/15/2023	Hourly	FP	-7	HILLTOP345	20
295622	RT	SELL	ECONOMIC	04/15/2023	Hourly	FP	135	NAVAJO500	100
295602	RT	SELL	ECONOMIC	04/15/2023	Hourly	FP	80	NAVAJO500	75
295606	RT	SELL	ECONOMIC	04/15/2023	Hourly	FP	800	MEAD230	20
295607	RT	SELL	ECONOMIC	04/15/2023	Hourly	FP	300	MEAD230	20
295620	LD	SELL	ECONOMIC	04/15/2023	Hourly	FP	-85	MEAD230	20
295627	LD	SELL	ECONOMIC	04/15/2023	Hourly	FP	-88	MEAD230	20
295634	RT	SELL	ECONOMIC	04/16/2023	Hourly	FP	50	MEAD230	7
274046	Term	BUY	ECONOMIC	04/16/2023	Hourly	FP	120	MEAD230	41.99
295581	DA	SELL	ECONOMIC	04/16/2023	Light Load	FP	1176	MEAD230	64
295643	LD	SELL	ECONOMIC	04/16/2023	Light Load	FP	-10	MEAD230	64
295582	DA	SELL	ECONOMIC	04/16/2023	Light Load	FP	600	MEAD230	60
295583	DA	SELL	ECONOMIC	04/16/2023	Hourly	FP	576	NORTHSYS	18.5
295623	DA	SELL	ECONOMIC	04/16/2023	Hourly	FP	397	MEAD230	6.2
295631	RT	SELL	ECONOMIC	04/16/2023	Hourly	FP	100	MEAD230	20
295632	RT	SELL	ECONOMIC	04/16/2023	Hourly	FP	143	HILLTOP345	20
295633	RT	SELL	ECONOMIC	04/16/2023	Hourly	FP	203	MEAD230	5
295644	LD	SELL	ECONOMIC	04/16/2023	Hourly	FP	-8	HILLTOP345	20
295629	RT	SELL	ECONOMIC	04/16/2023	Hourly	FP	1200	MEAD230	20
295642	LD	SELL	ECONOMIC	04/16/2023	Hourly	FP	-3	MEAD230	20
295673	RT	SELL	ECONOMIC	04/17/2023	Hourly	FP	85	NAVAJO500	110
274046	Term	BUY	ECONOMIC	04/17/2023	Hourly	FP	120	MEAD230	41.99
295581	DA	SELL	ECONOMIC	04/17/2023	Light Load	FP	392	MEAD230	64
295645	RT	SELL	ECONOMIC	04/17/2023	Hourly	FP	55	REDB	39
295646	RT	SELL	ECONOMIC	04/17/2023	Hourly	FP	102	MEAD230	35
295655	RT	SELL	ECONOMIC	04/17/2023	Hourly	FP	225	MEAD230	25
295662	RT	SELL	ECONOMIC	04/17/2023	Hourly	FP	300	MEAD230	25
295664	RT	SELL	ECONOMIC	04/17/2023	Hourly	FP	150	MEAD230	42
295668	LD	SELL	ECONOMIC	04/17/2023	Hourly	FP	-44	MEAD230	35
295669	RT	SELL	ECONOMIC	04/17/2023	Hourly	FP	200	HILLTOP345	100
295582	DA	SELL	ECONOMIC	04/17/2023	Light Load	FP	200	MEAD230	60
295676	RT	SELL	ECONOMIC	04/18/2023	Hourly	FP	160	NAVAJO500	60
274046	Term	BUY	ECONOMIC	04/18/2023	Hourly	FP	120	MEAD230	41.99
295649	DA	SELL	ECONOMIC	04/18/2023	Hourly	FP	668	NORTHSYS	23
295650	DA	SELL	ECONOMIC	04/18/2023	Light Load	FP	392	MEAD230	64
295651	DA	SELL	ECONOMIC	04/18/2023	Light Load	FP	200	MEAD230	70
295652	DA	SELL	ECONOMIC	04/18/2023	Light Load	FP	200	MEAD230	70
295653	DA	SELL	ECONOMIC	04/18/2023	Heavy Load	FP	400	MEAD230	55
295654	DA	SELL	ECONOMIC	04/18/2023	Heavy Load	FP	784	MEAD230	54
274046	Term	BUY	ECONOMIC	04/19/2023	Hourly	FP	120	MEAD230	41.99
295680	DA	SELL	ECONOMIC	04/19/2023	Heavy Load	FP	784	MEAD230	53
295681	DA	SELL	ECONOMIC	04/19/2023	Light Load	FP	392	MEAD230	55

295682	DA	SELL	ECONOMIC	04/19/2023	Light Load	FP	200	MEAD230	60
295683	DA	SELL	ECONOMIC	04/19/2023	Heavy Load	FP	400	MEAD230	52
295684	DA	SELL	ECONOMIC	04/19/2023	Light Load	FP	200	MEAD230	62
295685	DA	SELL	ECONOMIC	04/19/2023	Heavy Load	FP	400	MEAD230	52
295686	DA	SELL	ECONOMIC	04/19/2023	Light Load	FP	200	MEAD230	59
295687	DA	SELL	ECONOMIC	04/19/2023	Heavy Load	FP	400	MEAD230	50
295688	DA	SELL	ECONOMIC	04/19/2023	Hourly	FP	784	MEAD230	20
295712	LD	SELL	ECONOMIC	04/19/2023	Heavy Load	FP	-163	MEAD230	7.01
295705	RT	SELL	ECONOMIC	04/19/2023	Hourly	FP	50	MEAD230	55
295707	RT	SELL	ECONOMIC	04/19/2023	Hourly	FP	80	HILLTOP345	75
295692	RT	SELL	ECONOMIC	04/19/2023	Hourly	FP	150	MEAD230	80
274046	Term	BUY	ECONOMIC	04/20/2023	Hourly	FP	120	MEAD230	41.99
295696	DA	SELL	ECONOMIC	04/20/2023	Hourly	FP	1200	MEAD230	55
295697	DA	SELL	ECONOMIC	04/20/2023	Hourly	FP	1200	MEAD230	55
295698	DA	SELL	ECONOMIC	04/20/2023	Heavy Load	FP	800	MEAD230	55
295699	DA	SELL	ECONOMIC	04/20/2023	Light Load	FP	200	MEAD230	68
295700	DA	SELL	ECONOMIC	04/20/2023	Light Load	FP	280	MEAD230	69.33
295701	DA	SELL	ECONOMIC	04/20/2023	Hourly	FP	80	MEAD230	18
295702	DA	SELL	ECONOMIC	04/20/2023	Hourly	FP	408	NORTHSYS	18
295719	LD	SELL	ECONOMIC	04/20/2023	Hourly	FP	-143	MEAD230	46.34
295724	RT	SELL	ECONOMIC	04/20/2023	Hourly	FP	50	M345	47
295728	RT	SELL	ECONOMIC	04/20/2023	Hourly	FP	30	MEAD230	95
295729	RT	SELL	ECONOMIC	04/20/2023	Hourly	FP	50	MEAD230	104
295733	RT	SELL	ECONOMIC	04/20/2023	Hourly	FP	25	MEAD230	125
295745	RT	SELL	ECONOMIC	04/21/2023	Hourly	FP	75	MEAD230	140
295748	RT	SELL	ECONOMIC	04/21/2023	Hourly	FP	50	MEAD230	82
295749	RT	SELL	ECONOMIC	04/21/2023	Hourly	FP	70	MEAD230	82
274046	Term	BUY	ECONOMIC	04/21/2023	Hourly	FP	120	MEAD230	41.99
295715	DA	SELL	ECONOMIC	04/21/2023	Light Load	FP	400	MEAD230	67
295716	DA	SELL	ECONOMIC	04/21/2023	Light Load	FP	200	MEAD230	70
295717	DA	SELL	ECONOMIC	04/21/2023	Hourly	FP	80	MCCULLOUGH500	35
295713	DA	SELL	ECONOMIC	04/21/2023	Light Load	FP	200	MEAD230	67
295714	DA	SELL	ECONOMIC	04/21/2023	Light Load	FP	200	MEAD230	70
295736	RT	SELL	ECONOMIC	04/21/2023	Hourly	FP	100	MEAD230	90
295742	RT	SELL	ECONOMIC	04/21/2023	Hourly	FP	75	MEAD230	105
295754	RT	SELL	ECONOMIC	04/22/2023	Hourly	FP	20	MEAD230	80
295755	RT	SELL	ECONOMIC	04/22/2023	Hourly	FP	275	MEAD230	80
295761	RT	SELL	ECONOMIC	04/22/2023	Hourly	FP	25	MEAD230	80
295762	RT	SELL	ECONOMIC	04/22/2023	Hourly	FP	50	MEAD230	83
295763	RT	SELL	ECONOMIC	04/22/2023	Hourly	FP	49	MEAD230	83
295780	RT	SELL	ECONOMIC	04/22/2023	Hourly	FP	40	MEAD230	88
274046	Term	BUY	ECONOMIC	04/22/2023	Hourly	FP	120	MEAD230	41.99
295715	DA	SELL	ECONOMIC	04/22/2023	Light Load	FP	400	MEAD230	67
295716	DA	SELL	ECONOMIC	04/22/2023	Light Load	FP	200	MEAD230	70
295718	DA	SELL	ECONOMIC	04/22/2023	Hourly	FP	80	MCCULLOUGH500	35
295713	DA	SELL	ECONOMIC	04/22/2023	Light Load	FP	200	MEAD230	67
295714	DA	SELL	ECONOMIC	04/22/2023	Light Load	FP	200	MEAD230	70
295772	RT	SELL	ECONOMIC	04/22/2023	Hourly	FP	25	MEAD230	105

295773	RT	SELL	ECONOMIC	04/22/2023	Hourly	FP	75	MEAD230	115
295776	RT	SELL	ECONOMIC	04/22/2023	Hourly	FP	25	MEAD230	115
274046	Term	BUY	ECONOMIC	04/23/2023	Hourly	FP	120	MEAD230	41.99
295783	RT	SELL	ECONOMIC	04/23/2023	Hourly	FP	20	MEAD230	85
295784	RT	SELL	ECONOMIC	04/23/2023	Hourly	FP	15	MEAD230	85
295785	RT	SELL	ECONOMIC	04/23/2023	Hourly	FP	30	MEAD230	85
295787	RT	SELL	ECONOMIC	04/23/2023	Hourly	FP	375	MEAD230	75
295793	RT	SELL	ECONOMIC	04/24/2023	Hourly	FP	70	MEAD230	85
295796	RT	SELL	ECONOMIC	04/24/2023	Hourly	FP	70	MEAD230	71
295812	RT	SELL	ECONOMIC	04/24/2023	Hourly	FP	10	MCCULLOUG500	78
295813	RT	SELL	ECONOMIC	04/24/2023	Hourly	FP	60	NAVAJO500	80
274046	Term	BUY	ECONOMIC	04/24/2023	Hourly	FP	120	MEAD230	41.99
295739	DA	SELL	ECONOMIC	04/24/2023	Hourly	FP	120	MCCULLOUG500	35
295808	RT	SELL	ECONOMIC	04/24/2023	Hourly	FP	200	MEAD230	95
274046	Term	BUY	ECONOMIC	04/25/2023	Hourly	FP	120	MEAD230	41.99
295800	DA	SELL	ECONOMIC	04/25/2023	Light Load	FP	192	MEAD230	65
295801	DA	SELL	ECONOMIC	04/25/2023	Light Load	FP	200	MEAD230	62
295802	DA	SELL	ECONOMIC	04/25/2023	Hourly	FP	40	MCCULLOUG500	35
295803	DA	SELL	ECONOMIC	04/25/2023	Heavy Load	FP	400	MEAD230	58
295804	DA	SELL	ECONOMIC	04/25/2023	Heavy Load	FP	400	MEAD230	58
295824	RT	BUY	ECONOMIC	04/25/2023	Hourly	FP	900	MEAD230	175
274046	Term	BUY	ECONOMIC	04/26/2023	Hourly	FP	120	MEAD230	41.99
295910	LD	BUY	ECONOMIC	04/26/2023	Hourly	FP	-5	MEAD230	41.99
295816	DA	SELL	ECONOMIC	04/26/2023	Light Load	FP	392	MEAD230	64.5
295817	DA	SELL	ECONOMIC	04/26/2023	Hourly	FP	80	MCCULLOUG500	35
295820	DA	SELL	ECONOMIC	04/26/2023	Light Load	FP	224	MEAD230	71
295826	RT	SELL	ECONOMIC	04/26/2023	Hourly	FP	221	M345	35
295818	DA	SELL	ECONOMIC	04/26/2023	Light Load	FP	200	MEAD230	65
295819	DA	SELL	ECONOMIC	04/26/2023	Light Load	FP	200	MEAD230	68
274046	Term	BUY	ECONOMIC	04/27/2023	Hourly	FP	120	MEAD230	41.99
295827	DA	SELL	ECONOMIC	04/27/2023	Light Load	FP	392	MEAD230	75
295831	DA	SELL	ECONOMIC	04/27/2023	Light Load	FP	400	MEAD230	73
295841	RT	BUY	ECONOMIC	04/28/2023	Hourly	FP	20	MEAD230	45
295842	RT	BUY	ECONOMIC	04/28/2023	Hourly	FP	80	MEAD230	70
295843	RT	BUY	ECONOMIC	04/28/2023	Hourly	FP	150	M345	100
295844	RT	BUY	ECONOMIC	04/28/2023	Hourly	FP	100	M345	110
295845	RT	BUY	ECONOMIC	04/28/2023	Hourly	FP	55	M345	100
295846	RT	BUY	ECONOMIC	04/28/2023	Hourly	FP	110	M345	150
295847	RT	BUY	ECONOMIC	04/28/2023	Hourly	FP	25	M345	100
295851	RT	BUY	ECONOMIC	04/28/2023	Hourly	FP	160	MEAD230	160
295852	RT	BUY	ECONOMIC	04/28/2023	Hourly	FP	90	MEAD230	175
295853	RT	BUY	ECONOMIC	04/28/2023	Hourly	FP	200	MEAD230	100
295854	RT	BUY	ECONOMIC	04/28/2023	Hourly	FP	15	MCCULLOUG500	65
295855	RT	BUY	ECONOMIC	04/28/2023	Hourly	FP	45	MEAD230	60
295865	RT	BUY	ECONOMIC	04/28/2023	Hourly	FP	25	REDB	95
274046	Term	BUY	ECONOMIC	04/28/2023	Hourly	FP	120	MEAD230	41.99
295827	DA	SELL	ECONOMIC	04/28/2023	Light Load	FP	392	MEAD230	75
295828	DA	SELL	ECONOMIC	04/28/2023	Hourly	FP	120	MCCULLOUG500	35

295831	DA	SELL	ECONOMIC	04/28/2023	Light Load	FP	400	MEAD230	73
295835	RT	SELL	ECONOMIC	04/28/2023	Hourly	FP	130	NAVAJO500	48
295866	RT	BUY	ECONOMIC	04/29/2023	Hourly	FP	100	MEAD230	65
295867	RT	SELL	ECONOMIC	04/29/2023	Hourly	FP	150	MEAD230	32
295869	RT	BUY	ECONOMIC	04/29/2023	Hourly	FP	375	M345	85
295873	RT	BUY	ECONOMIC	04/29/2023	Hourly	FP	100	MEAD230	120
274046	Term	BUY	ECONOMIC	04/29/2023	Hourly	FP	120	MEAD230	41.99
295875	RT	BUY	ECONOMIC	04/30/2023	Hourly	FP	120	MEAD230	60
295876	RT	BUY	ECONOMIC	04/30/2023	Hourly	FP	350	M345	60
295879	RT	BUY	ECONOMIC	04/30/2023	Hourly	FP	95	M345	60
295880	RT	BUY	ECONOMIC	04/30/2023	Hourly	FP	30	REDB	60
295884	RT	BUY	ECONOMIC	04/30/2023	Hourly	FP	60	MEAD230	75
274046	Term	BUY	ECONOMIC	04/30/2023	Hourly	FP	120	MEAD230	41.99
274046	Term	BUY	ECONOMIC	05/01/2023	Hourly	FP	120	MEAD230	41.99
295838	DA	SELL	ECONOMIC	05/01/2023	Heavy Load	FP	400	MEAD230	50
295839	DA	SELL	ECONOMIC	05/01/2023	Heavy Load	FP	400	MEAD230	50
295891	RT	SELL	ECONOMIC	05/01/2023	Hourly	FP	60	MEAD230	42
295895	RT	SELL	ECONOMIC	05/01/2023	Hourly	FP	80	MEAD230	42
295902	RT	SELL	ECONOMIC	05/02/2023	Hourly	FP	50	MEAD230	75
274046	Term	BUY	ECONOMIC	05/02/2023	Hourly	FP	120	MEAD230	41.99
295886	DA	SELL	ECONOMIC	05/02/2023	Light Load	FP	200	MEAD230	45
295887	DA	SELL	ECONOMIC	05/02/2023	Heavy Load	FP	400	MEAD230	47
295888	DA	SELL	ECONOMIC	05/02/2023	Light Load	FP	256	MEAD230	45
295904	RT	SELL	ECONOMIC	05/03/2023	Hourly	FP	108	MEAD230	40
295908	RT	SELL	ECONOMIC	05/03/2023	Hourly	FP	25	MEAD230	50
295914	RT	SELL	ECONOMIC	05/03/2023	Hourly	FP	150	MEAD230	60
295915	RT	SELL	ECONOMIC	05/03/2023	Hourly	FP	5	MEAD230	52
274046	Term	BUY	ECONOMIC	05/03/2023	Hourly	FP	120	MEAD230	41.99
295900	DA	SELL	ECONOMIC	05/03/2023	Light Load	FP	200	MEAD230	36
295899	DA	SELL	ECONOMIC	05/03/2023	Heavy Load	FP	400	MEAD230	38
295911	RT	SELL	ECONOMIC	05/03/2023	Hourly	FP	150	MEAD230	64
295919	RT	SELL	ECONOMIC	05/04/2023	Hourly	FP	25	MEAD230	32
295930	RT	SELL	ECONOMIC	05/04/2023	Hourly	FP	150	MEAD230	45
295931	RT	SELL	ECONOMIC	05/04/2023	Hourly	FP	25	MEAD230	43
295932	RT	SELL	ECONOMIC	05/04/2023	Hourly	FP	15	MEAD230	43
274046	Term	BUY	ECONOMIC	05/04/2023	Hourly	FP	120	MEAD230	41.99
295921	RT	SELL	ECONOMIC	05/04/2023	Hourly	FP	90	MEAD230	32
295923	RT	SELL	ECONOMIC	05/04/2023	Hourly	FP	95	MEAD230	32
295927	RT	SELL	ECONOMIC	05/04/2023	Hourly	FP	138	MEAD230	43
295937	RT	SELL	ECONOMIC	05/05/2023	Hourly	FP	125	MEAD230	35
295940	RT	SELL	ECONOMIC	05/05/2023	Hourly	FP	110	MEAD230	41
295943	RT	SELL	ECONOMIC	05/05/2023	Hourly	FP	280	NAVAJO500	23
274046	Term	BUY	ECONOMIC	05/05/2023	Hourly	FP	120	MEAD230	41.99
295947	RT	SELL	ECONOMIC	05/06/2023	Hourly	FP	350	MEAD230	27
295951	RT	SELL	ECONOMIC	05/06/2023	Hourly	FP	50	MEAD230	27
274046	Term	BUY	ECONOMIC	05/06/2023	Hourly	FP	120	MEAD230	41.99
274046	Term	BUY	ECONOMIC	05/07/2023	Hourly	FP	120	MEAD230	41.99
295954	RT	SELL	ECONOMIC	05/08/2023	Hourly	FP	150	MEAD230	23

295957	RT	SELL	ECONOMIC	05/08/2023	Hourly	FP	100	MEAD230	32
295961	RT	SELL	ECONOMIC	05/08/2023	Hourly	FP	100	MEAD230	38
295962	RT	SELL	ECONOMIC	05/08/2023	Hourly	FP	50	MEAD230	46
295968	RT	SELL	ECONOMIC	05/08/2023	Hourly	FP	15	MEAD230	42
274046	Term	BUY	ECONOMIC	05/08/2023	Hourly	FP	120	MEAD230	41.99
295970	RT	SELL	ECONOMIC	05/09/2023	Hourly	FP	150	MEAD230	28
295973	RT	SELL	ECONOMIC	05/09/2023	Hourly	FP	100	MEAD230	28
295975	RT	SELL	ECONOMIC	05/09/2023	Hourly	FP	250	MEAD230	65
295976	RT	SELL	ECONOMIC	05/09/2023	Hourly	FP	100	MEAD230	36
295980	RT	SELL	ECONOMIC	05/09/2023	Hourly	FP	150	MEAD230	70
274046	Term	BUY	ECONOMIC	05/09/2023	Hourly	FP	120	MEAD230	41.99
295992	RT	SELL	ECONOMIC	05/10/2023	Hourly	FP	100	MEAD230	28
295988	RT	SELL	ECONOMIC	05/10/2023	Hourly	FP	100	HILLTOP345	37
295995	RT	SELL	ECONOMIC	05/10/2023	Hourly	FP	200	MEAD230	45
274046	Term	BUY	ECONOMIC	05/10/2023	Hourly	FP	120	MEAD230	41.99
295999	RT	SELL	ECONOMIC	05/11/2023	Hourly	FP	50	M345	28
296002	RT	SELL	ECONOMIC	05/11/2023	Hourly	FP	150	M345	30
274046	Term	BUY	ECONOMIC	05/11/2023	Hourly	FP	120	MEAD230	41.99
296016	RT	BUY	ECONOMIC	05/12/2023	Hourly	FP	100	M345	50
296017	RT	BUY	ECONOMIC	05/12/2023	Hourly	FP	100	MEAD230	51
296018	RT	BUY	ECONOMIC	05/12/2023	Hourly	FP	300	MEAD230	58
296022	RT	BUY	ECONOMIC	05/12/2023	Hourly	FP	150	MEAD230	50
296023	RT	BUY	ECONOMIC	05/12/2023	Hourly	FP	50	REDB	45
274046	Term	BUY	ECONOMIC	05/12/2023	Hourly	FP	120	MEAD230	41.99
296029	RT	SELL	ECONOMIC	05/12/2023	Hourly	FP	150	NAVAJO500	30
296030	RT	BUY	ECONOMIC	05/12/2023	Hourly	FP	50	MEAD230	69.97
296034	RT	BUY	ECONOMIC	05/12/2023	Hourly	FP	50	MEAD230	48.66
296035	RT	BUY	ECONOMIC	05/13/2023	Hourly	FP	114	REDB	45
296036	RT	BUY	ECONOMIC	05/13/2023	Hourly	FP	210	MEAD230	55
296037	RT	BUY	ECONOMIC	05/13/2023	Hourly	FP	68	MEAD230	85
296038	RT	BUY	ECONOMIC	05/13/2023	Hourly	FP	40	MEAD230	85
296044	LD	BUY	ECONOMIC	05/13/2023	Hourly	FP	-10	MEAD230	55
274046	Term	BUY	ECONOMIC	05/13/2023	Hourly	FP	120	MEAD230	41.99
296045	RT	BUY	ECONOMIC	05/14/2023	Hourly	FP	300	MEAD230	65
296046	RT	BUY	ECONOMIC	05/14/2023	Hourly	FP	92	MEAD230	55
296052	RT	BUY	ECONOMIC	05/14/2023	Hourly	FP	154	MEAD230	60
296053	LD	BUY	ECONOMIC	05/14/2023	Hourly	FP	-23	MEAD230	65
274046	Term	BUY	ECONOMIC	05/14/2023	Hourly	FP	120	MEAD230	41.99
296012	DA	BUY	ECONOMIC	05/14/2023	2x8	FP	400	M345	10
296068	RT	BUY	ECONOMIC	05/15/2023	Hourly	FP	400	M345	82
296069	RT	BUY	ECONOMIC	05/15/2023	Hourly	FP	50	M345	60
296076	RT	BUY	ECONOMIC	05/15/2023	Hourly	FP	250	MEAD230	116.87
296077	RT	BUY	ECONOMIC	05/15/2023	Hourly	FP	50	REDB	55
296078	RT	BUY	ECONOMIC	05/15/2023	Hourly	FP	300	MEAD230	105
296079	RT	BUY	ECONOMIC	05/15/2023	Hourly	FP	185	NAVAJO500	90
296080	RT	BUY	ECONOMIC	05/15/2023	Hourly	FP	15	MEAD230	90
274046	Term	BUY	ECONOMIC	05/15/2023	Hourly	FP	120	MEAD230	41.99
296009	DA	BUY	ECONOMIC	05/15/2023	Heavy Load	FP	800	M345	37

296010	DA	BUY	ECONOMIC	05/15/2023	Hourly	FP	210	MEAD230	77
296011	DA	BUY	ECONOMIC	05/15/2023	Hourly	FP	150	MEAD230	75
296012	DA	BUY	ECONOMIC	05/15/2023	2x8	FP	400	M345	10
296049	DA	BUY	ECONOMIC	05/15/2023	Hourly	FP	410	MEAD230	88.97
296085	LD	BUY	ECONOMIC	05/15/2023	Hourly	FP	-17	MEAD230	75
296054	RT	SELL	ECONOMIC	05/15/2023	Hourly	FP	200	NAVAJO500	34
296055	RT	SELL	ECONOMIC	05/15/2023	Hourly	FP	25	MEAD230	34
296007	DA	BUY	ECONOMIC	05/15/2023	Heavy Load	FP	400	MEAD230	36
296008	DA	BUY	ECONOMIC	05/15/2023	Heavy Load	FP	400	MEAD230	35
296106	RT	BUY	ECONOMIC	05/16/2023	Hourly	FP	225	M345	100
296110	RT	BUY	ECONOMIC	05/16/2023	Hourly	FP	160	M345	105
296111	RT	BUY	ECONOMIC	05/16/2023	Hourly	FP	315	MEAD230	120
274046	Term	BUY	ECONOMIC	05/16/2023	Hourly	FP	120	MEAD230	41.99
296061	DA	BUY	ECONOMIC	05/16/2023	Hourly	FP	360	MEAD230	80
296073	DA	BUY	ECONOMIC	05/16/2023	Hourly	FP	130	MEAD230	96.3
296086	RT	SELL	ECONOMIC	05/16/2023	Hourly	FP	60	NAVAJO500	35
296089	RT	SELL	ECONOMIC	05/16/2023	Hourly	FP	60	NAVAJO500	42
296062	DA	BUY	ECONOMIC	05/16/2023	Heavy Load	FP	400	MEAD230	54.5
296063	DA	BUY	ECONOMIC	05/16/2023	Heavy Load	FP	400	MEAD230	53
296064	DA	BUY	ECONOMIC	05/16/2023	Heavy Load	FP	400	MEAD230	53
296065	DA	BUY	ECONOMIC	05/16/2023	Hourly	FP	1200	REDB	95
296125	RT	SELL	ECONOMIC	05/17/2023	Hourly	FP	60	MEAD230	34
296132	RT	SELL	ECONOMIC	05/17/2023	Hourly	FP	80	MEAD230	45
274046	Term	BUY	ECONOMIC	05/17/2023	Hourly	FP	120	MEAD230	41.99
296094	DA	BUY	ECONOMIC	05/17/2023	Hourly	FP	420	MEAD230	85
296095	DA	BUY	ECONOMIC	05/17/2023	Hourly	FP	350	MEAD230	85
296096	DA	BUY	ECONOMIC	05/17/2023	Heavy Load	FP	400	MEAD230	45
296097	DA	BUY	ECONOMIC	05/17/2023	Heavy Load	FP	400	MEAD230	45
296098	DA	BUY	ECONOMIC	05/17/2023	Hourly	FP	800	MEAD230	85
296099	DA	BUY	ECONOMIC	05/17/2023	Hourly	FP	300	MEAD230	100
296100	DA	BUY	ECONOMIC	05/17/2023	Heavy Load	FP	800	MEAD230	44.43
296107	DA	BUY	ECONOMIC	05/17/2023	Hourly	FP	1370	MEAD230	61.02
296108	DA	BUY	ECONOMIC	05/17/2023	Hourly	FP	295	MCCULLOUGH500	73.26
296109	DA	BUY	ECONOMIC	05/17/2023	Hourly	FP	495	ELDORADO230	17.96
296101	DA	BUY	ECONOMIC	05/17/2023	Heavy Load	FP	400	MEAD230	44
296102	DA	BUY	ECONOMIC	05/17/2023	Hourly	FP	1500	REDB	95
296103	DA	BUY	ECONOMIC	05/17/2023	Hourly	FP	500	MEAD230	95
296104	DA	BUY	ECONOMIC	05/17/2023	Hourly	FP	1200	MEAD230	90
296140	RT	SELL	ECONOMIC	05/18/2023	Hourly	FP	30	MEAD230	45
274046	Term	BUY	ECONOMIC	05/18/2023	Hourly	FP	120	MEAD230	41.99
296122	DA	BUY	ECONOMIC	05/18/2023	Hourly	FP	420	MEAD230	85
296134	DA	BUY	ECONOMIC	05/18/2023	Hourly	FP	600	MEAD230	61.15
296137	DA	BUY	ECONOMIC	05/18/2023	Hourly	FP	220	ELDORADO230	66.1
296180	LD	BUY	ECONOMIC	05/18/2023	Hourly	FP	-4	MEAD230	85
296120	DA	BUY	ECONOMIC	05/18/2023	Hourly	FP	1050	REDB	95
296121	DA	BUY	ECONOMIC	05/18/2023	Hourly	FP	350	MEAD230	95
274046	Term	BUY	ECONOMIC	05/19/2023	Hourly	FP	120	MEAD230	41.99
296145	DA	BUY	ECONOMIC	05/19/2023	Hourly	FP	420	MEAD230	58

296147	DA	BUY	ECONOMIC	05/19/2023	Light Load	FP	200	MEAD230	22
296148	DA	BUY	ECONOMIC	05/19/2023	Light Load	FP	200	MEAD230	22
296153	DA	BUY	ECONOMIC	05/19/2023	Heavy Load	FP	800	MEAD230	25
296196	LD	BUY	ECONOMIC	05/19/2023	Hourly	FP	-78	MEAD230	58
296171	RT	BUY	RELIABILITY	05/19/2023	Hourly	FP	450	MEAD230	90
296172	RT	BUY	RELIABILITY	05/19/2023	Hourly	FP	200	MEAD230	90
296173	RT	BUY	RELIABILITY	05/19/2023	Hourly	FP	200	MEAD230	135
296179	RT	BUY	RELIABILITY	05/19/2023	Hourly	FP	100	MEAD230	29.48
296182	RT	BUY	RELIABILITY	05/19/2023	Hourly	FP	600	MEAD230	110
296183	RT	BUY	RELIABILITY	05/19/2023	Hourly	FP	50	MEAD230	27.2
296185	RT	BUY	RELIABILITY	05/19/2023	Hourly	FP	75	NAVAJO500	100
296186	RT	BUY	RELIABILITY	05/19/2023	Hourly	FP	300	HILLTOP345	100
296189	RT	BUY	RELIABILITY	05/19/2023	Hourly	FP	125	MEAD230	80
296195	LD	BUY	RELIABILITY	05/19/2023	Hourly	FP	-14	MEAD230	110
296143	DA	BUY	ECONOMIC	05/19/2023	Hourly	FP	600	REDB	62
296159	DA	BUY	ECONOMIC	05/19/2023	Hourly	FP	470	MEAD230	42.34
274046	Term	BUY	ECONOMIC	05/20/2023	Hourly	FP	120	MEAD230	41.99
296146	DA	BUY	ECONOMIC	05/20/2023	Hourly	FP	420	MEAD230	58
296147	DA	BUY	ECONOMIC	05/20/2023	Light Load	FP	200	MEAD230	22
296148	DA	BUY	ECONOMIC	05/20/2023	Light Load	FP	200	MEAD230	22
296153	DA	BUY	ECONOMIC	05/20/2023	Heavy Load	FP	800	MEAD230	25
296199	RT	BUY	ECONOMIC	05/20/2023	Hourly	FP	150	MEAD230	105
296200	RT	BUY	ECONOMIC	05/20/2023	Hourly	FP	300	MEAD230	90
296144	DA	BUY	ECONOMIC	05/20/2023	Hourly	FP	600	REDB	62
274046	Term	BUY	ECONOMIC	05/21/2023	Hourly	FP	120	MEAD230	41.99
296161	DA	BUY	ECONOMIC	05/21/2023	Hourly	FP	600	REDB	62
296163	DA	BUY	ECONOMIC	05/21/2023	Hourly	FP	600	MEAD230	62
296197	DA	BUY	ECONOMIC	05/21/2023	Hourly	FP	350	MEAD230	45.16
296221	RT	BUY	ECONOMIC	05/22/2023	Hourly	FP	80	NORTHSYS	18
296227	RT	BUY	ECONOMIC	05/22/2023	Hourly	FP	300	MEAD230	80
296233	RT	BUY	ECONOMIC	05/22/2023	Hourly	FP	25	MEAD230	80
274046	Term	BUY	ECONOMIC	05/22/2023	Hourly	FP	120	MEAD230	41.99
296165	DA	BUY	ECONOMIC	05/22/2023	Heavy Load	FP	400	MCCULLOUGH500	28.5
296166	DA	BUY	ECONOMIC	05/22/2023	Heavy Load	FP	400	MEAD230	26.9
296169	DA	BUY	ECONOMIC	05/22/2023	Hourly	FP	360	MEAD230	57.9
296170	DA	BUY	ECONOMIC	05/22/2023	Heavy Load	FP	800	M345	23
296203	DA	BUY	ECONOMIC	05/22/2023	Hourly	FP	590	MEAD230	57.39
296204	DA	BUY	ECONOMIC	05/22/2023	Hourly	FP	330	ELDORADO230	53.44
296162	DA	BUY	ECONOMIC	05/22/2023	Hourly	FP	600	REDB	62
296164	DA	BUY	ECONOMIC	05/22/2023	Hourly	FP	600	MEAD230	62
274046	Term	BUY	ECONOMIC	05/23/2023	Hourly	FP	120	MEAD230	41.99
296208	DA	BUY	ECONOMIC	05/23/2023	Hourly	FP	280	MEAD230	60
296209	DA	BUY	ECONOMIC	05/23/2023	Hourly	FP	600	MEAD230	60
296224	DA	BUY	ECONOMIC	05/23/2023	Hourly	FP	615	MEAD230	56.98
296226	DA	BUY	ECONOMIC	05/23/2023	Hourly	FP	180	ELDORADO230	62.72
296212	DA	BUY	ECONOMIC	05/23/2023	Hourly	FP	600	REDB	62
296213	DA	BUY	ECONOMIC	05/23/2023	Hourly	FP	600	MEAD230	62
296214	DA	BUY	ECONOMIC	05/23/2023	Heavy Load	FP	400	MEAD230	33

296215	DA	BUY	ECONOMIC	05/23/2023	Heavy Load	FP	400	MEAD230	32
296216	DA	BUY	ECONOMIC	05/23/2023	Heavy Load	FP	400	MEAD230	30
296217	DA	BUY	ECONOMIC	05/23/2023	Heavy Load	FP	400	MEAD230	28
274046	Term	BUY	ECONOMIC	05/24/2023	Hourly	FP	120	MEAD230	41.99
296234	DA	BUY	ECONOMIC	05/24/2023	Hourly	FP	300	MEAD230	53.69
274046	Term	BUY	ECONOMIC	05/25/2023	Hourly	FP	120	MEAD230	41.99
296241	DA	BUY	ECONOMIC	05/25/2023	Light Load	FP	400	REDB	20
296242	DA	BUY	ECONOMIC	05/25/2023	Heavy Load	FP	800	MEAD230	26
296247	LD	BUY	ECONOMIC	05/25/2023	Light Load	FP	-17	REDB	20
296239	DA	SELL	ECONOMIC	05/25/2023	Hourly	FP	400	M345	27
296240	DA	BUY	ECONOMIC	05/25/2023	Hourly	FP	450	MEAD230	53.23
274046	Term	BUY	ECONOMIC	05/26/2023	Hourly	FP	120	MEAD230	41.99
296241	DA	BUY	ECONOMIC	05/26/2023	Light Load	FP	400	REDB	20
296242	DA	BUY	ECONOMIC	05/26/2023	Heavy Load	FP	800	MEAD230	26
274046	Term	BUY	ECONOMIC	05/27/2023	Hourly	FP	120	MEAD230	41.99
274046	Term	BUY	ECONOMIC	05/28/2023	Hourly	FP	120	MEAD230	41.99
274046	Term	BUY	ECONOMIC	05/29/2023	Hourly	FP	120	MEAD230	41.99
296250	RT	BUY	ECONOMIC	05/29/2023	Hourly	FP	100	REDB	5
274046	Term	BUY	ECONOMIC	05/30/2023	Hourly	FP	120	MEAD230	41.99
274046	Term	BUY	ECONOMIC	05/31/2023	Hourly	FP	120	MEAD230	41.99
274046	Term	BUY	ECONOMIC	06/01/2023	Hourly	FP	120	MEAD230	41.99
282860	Term	BUY	ECONOMIC	06/01/2023	6x8 (Superpeak)	FP	800	MEAD230	141.19
282861	Term	BUY	ECONOMIC	06/01/2023	6x8 (Superpeak)	FP	400	MEAD230	142.25
283775	Term	BUY	ECONOMIC	06/01/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	06/01/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284621	Term	BUY	ECONOMIC	06/01/2023	7x16H	FP	800	MEAD230	115.5
284624	Term	BUY	ECONOMIC	06/01/2023	7x16H	FP	400	MEAD230	89
284625	Term	BUY	ECONOMIC	06/01/2023	7x16H	FP	400	MEAD230	92
284626	Term	BUY	ECONOMIC	06/01/2023	7x16H	FP	800	MEAD230	97
284630	Term	BUY	ECONOMIC	06/01/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	06/01/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	06/01/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	06/01/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	06/01/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	06/01/2023	7x16H	FP	800	MEAD230	222
284639	Term	BUY	ECONOMIC	06/01/2023	7x16H	FP	400	MEAD230	130
296260	LD	BUY	ECONOMIC	06/01/2023	7x16H	FP	-25	MEAD230	222
296261	LD	BUY	ECONOMIC	06/01/2023	7x16H	FP	-75	MEAD230	97
293873	Term	BUY	ECONOMIC	06/01/2023	7x 1-6, 15-24	FP	1600	MEAD230	116.83
293880	Term	BUY	ECONOMIC	06/01/2023	7x8 (15-22)	FP	200	MCCULLOUG230	175
294924	Term	BUY	ECONOMIC	06/01/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294925	Term	BUY	ECONOMIC	06/01/2023	7x16H	FP	800	PALOVERDE500	145
294932	Term	BUY	ECONOMIC	06/01/2023	7x 1-6, 15-24	FP	800	MEAD230	116.83
295555	Term	BUY	ECONOMIC	06/01/2023	7x 1-6, 15-24	FP	800	MEAD230	116.83
296133	Term	BUY	ECONOMIC	06/01/2023	7x16H	FP	800	PALOVERDE500	53.71
296254	RT	SELL	ECONOMIC	06/01/2023	Hourly	FP	600	NORTHSYS	32
296252	DA	SELL	ECONOMIC	06/01/2023	Hourly	FP	1250	MEAD230	12.18
293875	Term	BUY	ECONOMIC	06/01/2023	7x16H	FP	3200	MEAD230	258.4

294392	Term	BUY	ECONOMIC	06/01/2023	7x8 (15-22)	FP	400	MCCULLOUG500	134.65
294393	Term	BUY	ECONOMIC	06/01/2023	7x8 (15-22)	FP	400	PALOVERDE500	134.65
294928	Term	BUY	ECONOMIC	06/01/2023	7x16H	FP	400	MCCULLOUG500	155
294929	Term	BUY	ECONOMIC	06/01/2023	7x16H	FP	400	MCCULLOUG500	140
294933	Term	BUY	ECONOMIC	06/01/2023	7x16H	FP	400	MEAD230	130.5
294936	Term	BUY	ECONOMIC	06/01/2023	7x16H	FP	800	MEAD230	112.23
274046	Term	BUY	ECONOMIC	06/02/2023	Hourly	FP	120	MEAD230	41.99
282860	Term	BUY	ECONOMIC	06/02/2023	6x8 (Superpeak)	FP	800	MEAD230	141.19
282861	Term	BUY	ECONOMIC	06/02/2023	6x8 (Superpeak)	FP	400	MEAD230	142.25
283775	Term	BUY	ECONOMIC	06/02/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	06/02/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284621	Term	BUY	ECONOMIC	06/02/2023	7x16H	FP	800	MEAD230	115.5
284624	Term	BUY	ECONOMIC	06/02/2023	7x16H	FP	400	MEAD230	89
284625	Term	BUY	ECONOMIC	06/02/2023	7x16H	FP	400	MEAD230	92
284626	Term	BUY	ECONOMIC	06/02/2023	7x16H	FP	800	MEAD230	97
284630	Term	BUY	ECONOMIC	06/02/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	06/02/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	06/02/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	06/02/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	06/02/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	06/02/2023	7x16H	FP	800	MEAD230	222
284639	Term	BUY	ECONOMIC	06/02/2023	7x16H	FP	400	MEAD230	130
293873	Term	BUY	ECONOMIC	06/02/2023	7x 1-6, 15-24	FP	1600	MEAD230	115.54
293880	Term	BUY	ECONOMIC	06/02/2023	7x8 (15-22)	FP	200	MCCULLOUG230	175
294924	Term	BUY	ECONOMIC	06/02/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294925	Term	BUY	ECONOMIC	06/02/2023	7x16H	FP	800	PALOVERDE500	145
294932	Term	BUY	ECONOMIC	06/02/2023	7x 1-6, 15-24	FP	800	MEAD230	115.54
295555	Term	BUY	ECONOMIC	06/02/2023	7x 1-6, 15-24	FP	800	MEAD230	115.54
296133	Term	BUY	ECONOMIC	06/02/2023	7x16H	FP	800	PALOVERDE500	50.83
296255	DA	SELL	ECONOMIC	06/02/2023	Hourly	FP	1000	MEAD230	8.38
296262	RT	SELL	ECONOMIC	06/02/2023	Hourly	FP	210	NAVAJO500	30
293875	Term	BUY	ECONOMIC	06/02/2023	7x16H	FP	3200	MEAD230	258.4
294392	Term	BUY	ECONOMIC	06/02/2023	7x8 (15-22)	FP	400	MCCULLOUG500	134.65
294393	Term	BUY	ECONOMIC	06/02/2023	7x8 (15-22)	FP	400	PALOVERDE500	134.65
294928	Term	BUY	ECONOMIC	06/02/2023	7x16H	FP	400	MCCULLOUG500	155
294929	Term	BUY	ECONOMIC	06/02/2023	7x16H	FP	400	MCCULLOUG500	140
294933	Term	BUY	ECONOMIC	06/02/2023	7x16H	FP	400	MEAD230	130.5
294936	Term	BUY	ECONOMIC	06/02/2023	7x16H	FP	800	MEAD230	112.23
274046	Term	BUY	ECONOMIC	06/03/2023	Hourly	FP	120	MEAD230	41.99
282860	Term	BUY	ECONOMIC	06/03/2023	6x8 (Superpeak)	FP	800	MEAD230	141.19
282861	Term	BUY	ECONOMIC	06/03/2023	6x8 (Superpeak)	FP	400	MEAD230	142.25
283775	Term	BUY	ECONOMIC	06/03/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	06/03/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284621	Term	BUY	ECONOMIC	06/03/2023	7x16H	FP	800	MEAD230	115.5
284624	Term	BUY	ECONOMIC	06/03/2023	7x16H	FP	400	MEAD230	89
284625	Term	BUY	ECONOMIC	06/03/2023	7x16H	FP	400	MEAD230	92
284626	Term	BUY	ECONOMIC	06/03/2023	7x16H	FP	800	MEAD230	97
284630	Term	BUY	ECONOMIC	06/03/2023	7x16H	FP	1600	MEAD230	168

284631	Term	BUY	ECONOMIC	06/03/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	06/03/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	06/03/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	06/03/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	06/03/2023	7x16H	FP	800	MEAD230	222
284639	Term	BUY	ECONOMIC	06/03/2023	7x16H	FP	400	MEAD230	130
293873	Term	BUY	ECONOMIC	06/03/2023	7x 1-6, 15-24	FP	1600	MEAD230	115.74
293880	Term	BUY	ECONOMIC	06/03/2023	7x8 (15-22)	FP	200	MCCULLOUG230	175
294924	Term	BUY	ECONOMIC	06/03/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294925	Term	BUY	ECONOMIC	06/03/2023	7x16H	FP	800	PALOVERDE500	145
294932	Term	BUY	ECONOMIC	06/03/2023	7x 1-6, 15-24	FP	800	MEAD230	115.74
295555	Term	BUY	ECONOMIC	06/03/2023	7x 1-6, 15-24	FP	800	MEAD230	115.74
296133	Term	BUY	ECONOMIC	06/03/2023	7x16H	FP	800	PALOVERDE500	50.83
296265	DA	SELL	ECONOMIC	06/03/2023	Hourly	FP	1300	MEAD230	2.41
293875	Term	BUY	ECONOMIC	06/03/2023	7x16H	FP	3200	MEAD230	258.4
294392	Term	BUY	ECONOMIC	06/03/2023	7x8 (15-22)	FP	400	MCCULLOUG500	134.65
294393	Term	BUY	ECONOMIC	06/03/2023	7x8 (15-22)	FP	400	PALOVERDE500	134.65
294928	Term	BUY	ECONOMIC	06/03/2023	7x16H	FP	400	MCCULLOUG500	155
294929	Term	BUY	ECONOMIC	06/03/2023	7x16H	FP	400	MCCULLOUG500	140
294933	Term	BUY	ECONOMIC	06/03/2023	7x16H	FP	400	MEAD230	130.5
294936	Term	BUY	ECONOMIC	06/03/2023	7x16H	FP	800	MEAD230	112.23
296270	RT	SELL	ECONOMIC	06/03/2023	Hourly	FP	250	NORTHSYS	27
296271	RT	SELL	ECONOMIC	06/03/2023	Hourly	FP	75	NAVAJO500	37
296275	RT	SELL	ECONOMIC	06/03/2023	Hourly	FP	200	NORTHSYS	34
296278	RT	BUY	ECONOMIC	06/03/2023	Hourly	FP	100	MEAD230	12
274046	Term	BUY	ECONOMIC	06/04/2023	Hourly	FP	120	MEAD230	41.99
283775	Term	BUY	ECONOMIC	06/04/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	06/04/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284621	Term	BUY	ECONOMIC	06/04/2023	7x16H	FP	800	MEAD230	115.5
284624	Term	BUY	ECONOMIC	06/04/2023	7x16H	FP	400	MEAD230	89
284625	Term	BUY	ECONOMIC	06/04/2023	7x16H	FP	400	MEAD230	92
284626	Term	BUY	ECONOMIC	06/04/2023	7x16H	FP	800	MEAD230	97
284630	Term	BUY	ECONOMIC	06/04/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	06/04/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	06/04/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	06/04/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	06/04/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	06/04/2023	7x16H	FP	800	MEAD230	222
284639	Term	BUY	ECONOMIC	06/04/2023	7x16H	FP	400	MEAD230	130
296829	LD	BUY	ECONOMIC	06/04/2023	7x 1-6, 15-24	FP	-34	PALOVERDE500	207.37
293873	Term	BUY	ECONOMIC	06/04/2023	7x 1-6, 15-24	FP	1600	MEAD230	120.14
293880	Term	BUY	ECONOMIC	06/04/2023	7x8 (15-22)	FP	200	MCCULLOUG230	175
294924	Term	BUY	ECONOMIC	06/04/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294925	Term	BUY	ECONOMIC	06/04/2023	7x16H	FP	800	PALOVERDE500	145
294932	Term	BUY	ECONOMIC	06/04/2023	7x 1-6, 15-24	FP	800	MEAD230	120.14
295555	Term	BUY	ECONOMIC	06/04/2023	7x 1-6, 15-24	FP	800	MEAD230	120.14
296133	Term	BUY	ECONOMIC	06/04/2023	7x16H	FP	800	PALOVERDE500	60.33
296272	DA	SELL	ECONOMIC	06/04/2023	Hourly	FP	1700	MEAD230	5.46

293875	Term	BUY	ECONOMIC	06/04/2023	7x16H	FP	3200	MEAD230	258.4
294392	Term	BUY	ECONOMIC	06/04/2023	7x8 (15-22)	FP	400	MCCULLOUG500	134.65
294393	Term	BUY	ECONOMIC	06/04/2023	7x8 (15-22)	FP	400	PALOVERDE500	134.65
294928	Term	BUY	ECONOMIC	06/04/2023	7x16H	FP	400	MCCULLOUG500	155
294929	Term	BUY	ECONOMIC	06/04/2023	7x16H	FP	400	MCCULLOUG500	140
294933	Term	BUY	ECONOMIC	06/04/2023	7x16H	FP	400	MEAD230	130.5
294936	Term	BUY	ECONOMIC	06/04/2023	7x16H	FP	800	MEAD230	112.23
296287	LD	BUY	ECONOMIC	06/04/2023	7x16H	FP	-6	MCCULLOUG500	155
296280	RT	SELL	ECONOMIC	06/04/2023	Hourly	FP	300	NAVAJO500	40
296281	RT	SELL	ECONOMIC	06/04/2023	Hourly	FP	300	NORTHSYS	23
296291	RT	BUY	ECONOMIC	06/05/2023	Hourly	FP	1000	MEAD230	5
296298	LD	BUY	ECONOMIC	06/05/2023	Hourly	FP	-150	MEAD230	5
274046	Term	BUY	ECONOMIC	06/05/2023	Hourly	FP	120	MEAD230	41.99
282860	Term	BUY	ECONOMIC	06/05/2023	6x8 (Superpeak)	FP	800	MEAD230	141.19
282861	Term	BUY	ECONOMIC	06/05/2023	6x8 (Superpeak)	FP	400	MEAD230	142.25
283775	Term	BUY	ECONOMIC	06/05/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	06/05/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284621	Term	BUY	ECONOMIC	06/05/2023	7x16H	FP	800	MEAD230	115.5
284624	Term	BUY	ECONOMIC	06/05/2023	7x16H	FP	400	MEAD230	89
284625	Term	BUY	ECONOMIC	06/05/2023	7x16H	FP	400	MEAD230	92
284626	Term	BUY	ECONOMIC	06/05/2023	7x16H	FP	800	MEAD230	97
284630	Term	BUY	ECONOMIC	06/05/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	06/05/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	06/05/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	06/05/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	06/05/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	06/05/2023	7x16H	FP	800	MEAD230	222
284639	Term	BUY	ECONOMIC	06/05/2023	7x16H	FP	400	MEAD230	130
296830	LD	BUY	ECONOMIC	06/05/2023	7x 1-6, 15-24	FP	-9	PALOVERDE500	207.37
293873	Term	BUY	ECONOMIC	06/05/2023	7x 1-6, 15-24	FP	1600	MEAD230	123.12
293880	Term	BUY	ECONOMIC	06/05/2023	7x8 (15-22)	FP	200	MCCULLOUG230	175
294924	Term	BUY	ECONOMIC	06/05/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294925	Term	BUY	ECONOMIC	06/05/2023	7x16H	FP	800	PALOVERDE500	145
294932	Term	BUY	ECONOMIC	06/05/2023	7x 1-6, 15-24	FP	800	MEAD230	123.12
295555	Term	BUY	ECONOMIC	06/05/2023	7x 1-6, 15-24	FP	800	MEAD230	123.12
296133	Term	BUY	ECONOMIC	06/05/2023	7x16H	FP	800	PALOVERDE500	68.5
296282	DA	SELL	ECONOMIC	06/05/2023	Hourly	FP	450	MEAD230	24.93
296299	RT	SELL	ECONOMIC	06/05/2023	Hourly	FP	350	NORTHSYS	22
293875	Term	BUY	ECONOMIC	06/05/2023	7x16H	FP	3200	MEAD230	258.4
294392	Term	BUY	ECONOMIC	06/05/2023	7x8 (15-22)	FP	400	MCCULLOUG500	134.65
294393	Term	BUY	ECONOMIC	06/05/2023	7x8 (15-22)	FP	400	PALOVERDE500	134.65
294928	Term	BUY	ECONOMIC	06/05/2023	7x16H	FP	400	MCCULLOUG500	155
294929	Term	BUY	ECONOMIC	06/05/2023	7x16H	FP	400	MCCULLOUG500	140
294933	Term	BUY	ECONOMIC	06/05/2023	7x16H	FP	400	MEAD230	130.5
294936	Term	BUY	ECONOMIC	06/05/2023	7x16H	FP	800	MEAD230	112.23
296302	RT	SELL	ECONOMIC	06/06/2023	Hourly	FP	100	NAVAJO500	40
296305	RT	SELL	ECONOMIC	06/06/2023	Hourly	FP	50	M345	22
274046	Term	BUY	ECONOMIC	06/06/2023	Hourly	FP	120	MEAD230	41.99

282860	Term	BUY	ECONOMIC	06/06/2023	6x8 (Superpeak)	FP	800	MEAD230	141.19
282861	Term	BUY	ECONOMIC	06/06/2023	6x8 (Superpeak)	FP	400	MEAD230	142.25
283775	Term	BUY	ECONOMIC	06/06/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	06/06/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284621	Term	BUY	ECONOMIC	06/06/2023	7x16H	FP	800	MEAD230	115.5
284624	Term	BUY	ECONOMIC	06/06/2023	7x16H	FP	400	MEAD230	89
284625	Term	BUY	ECONOMIC	06/06/2023	7x16H	FP	400	MEAD230	92
284626	Term	BUY	ECONOMIC	06/06/2023	7x16H	FP	800	MEAD230	97
284630	Term	BUY	ECONOMIC	06/06/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	06/06/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	06/06/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	06/06/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	06/06/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	06/06/2023	7x16H	FP	800	MEAD230	222
284639	Term	BUY	ECONOMIC	06/06/2023	7x16H	FP	400	MEAD230	130
296831	LD	BUY	ECONOMIC	06/06/2023	7x 1-6, 15-24	FP	-30	PALOVERDE500	207.37
296864	LD	BUY	ECONOMIC	06/06/2023	Hourly	FP	-5	MEAD230	41.99
296865	LD	BUY	ECONOMIC	06/06/2023	Hourly	FP	-15	MEAD230	97
293873	Term	BUY	ECONOMIC	06/06/2023	7x 1-6, 15-24	FP	1600	MEAD230	127.47
293880	Term	BUY	ECONOMIC	06/06/2023	7x8 (15-22)	FP	200	MCCULLOUG230	175
294924	Term	BUY	ECONOMIC	06/06/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294925	Term	BUY	ECONOMIC	06/06/2023	7x16H	FP	800	PALOVERDE500	145
294932	Term	BUY	ECONOMIC	06/06/2023	7x 1-6, 15-24	FP	800	MEAD230	127.47
295555	Term	BUY	ECONOMIC	06/06/2023	7x 1-6, 15-24	FP	800	MEAD230	127.47
296133	Term	BUY	ECONOMIC	06/06/2023	7x16H	FP	800	PALOVERDE500	75.33
296308	RT	SELL	ECONOMIC	06/06/2023	Hourly	FP	100	HILLTOP345	30
293875	Term	BUY	ECONOMIC	06/06/2023	7x16H	FP	3200	MEAD230	258.4
294392	Term	BUY	ECONOMIC	06/06/2023	7x8 (15-22)	FP	400	MCCULLOUG500	134.65
294393	Term	BUY	ECONOMIC	06/06/2023	7x8 (15-22)	FP	400	PALOVERDE500	134.65
294928	Term	BUY	ECONOMIC	06/06/2023	7x16H	FP	400	MCCULLOUG500	155
294929	Term	BUY	ECONOMIC	06/06/2023	7x16H	FP	400	MCCULLOUG500	140
294933	Term	BUY	ECONOMIC	06/06/2023	7x16H	FP	400	MEAD230	130.5
294936	Term	BUY	ECONOMIC	06/06/2023	7x16H	FP	800	MEAD230	112.23
274046	Term	BUY	ECONOMIC	06/07/2023	Hourly	FP	120	MEAD230	41.99
282860	Term	BUY	ECONOMIC	06/07/2023	6x8 (Superpeak)	FP	800	MEAD230	141.19
282861	Term	BUY	ECONOMIC	06/07/2023	6x8 (Superpeak)	FP	400	MEAD230	142.25
283775	Term	BUY	ECONOMIC	06/07/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	06/07/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284621	Term	BUY	ECONOMIC	06/07/2023	7x16H	FP	800	MEAD230	115.5
284624	Term	BUY	ECONOMIC	06/07/2023	7x16H	FP	400	MEAD230	89
284625	Term	BUY	ECONOMIC	06/07/2023	7x16H	FP	400	MEAD230	92
284626	Term	BUY	ECONOMIC	06/07/2023	7x16H	FP	800	MEAD230	97
284630	Term	BUY	ECONOMIC	06/07/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	06/07/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	06/07/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	06/07/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	06/07/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	06/07/2023	7x16H	FP	800	MEAD230	222

284639	Term	BUY	ECONOMIC	06/07/2023	7x16H	FP	400	MEAD230	130
293873	Term	BUY	ECONOMIC	06/07/2023	7x 1-6, 15-24	FP	1600	MEAD230	127.36
293880	Term	BUY	ECONOMIC	06/07/2023	7x8 (15-22)	FP	200	MCCULLOUG230	175
294924	Term	BUY	ECONOMIC	06/07/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294925	Term	BUY	ECONOMIC	06/07/2023	7x16H	FP	800	PALOVERDE500	145
294932	Term	BUY	ECONOMIC	06/07/2023	7x 1-6, 15-24	FP	800	MEAD230	127.36
295555	Term	BUY	ECONOMIC	06/07/2023	7x 1-6, 15-24	FP	800	MEAD230	127.36
296133	Term	BUY	ECONOMIC	06/07/2023	7x16H	FP	800	PALOVERDE500	67.45
296310	DA	SELL	ECONOMIC	06/07/2023	Hourly	FP	300	MEAD230	35.41
296315	RT	SELL	ECONOMIC	06/07/2023	Hourly	FP	400	MEAD230	55
296325	RT	SELL	ECONOMIC	06/07/2023	Hourly	FP	100	HILLTOP345	55
293875	Term	BUY	ECONOMIC	06/07/2023	7x16H	FP	3200	MEAD230	258.4
294392	Term	BUY	ECONOMIC	06/07/2023	7x8 (15-22)	FP	400	MCCULLOUG500	134.65
294393	Term	BUY	ECONOMIC	06/07/2023	7x8 (15-22)	FP	400	PALOVERDE500	134.65
294928	Term	BUY	ECONOMIC	06/07/2023	7x16H	FP	400	MCCULLOUG500	155
294929	Term	BUY	ECONOMIC	06/07/2023	7x16H	FP	400	MCCULLOUG500	140
294933	Term	BUY	ECONOMIC	06/07/2023	7x16H	FP	400	MEAD230	130.5
294936	Term	BUY	ECONOMIC	06/07/2023	7x16H	FP	800	MEAD230	112.23
274046	Term	BUY	ECONOMIC	06/08/2023	Hourly	FP	120	MEAD230	41.99
282860	Term	BUY	ECONOMIC	06/08/2023	6x8 (Superpeak)	FP	800	MEAD230	141.19
282861	Term	BUY	ECONOMIC	06/08/2023	6x8 (Superpeak)	FP	400	MEAD230	142.25
283775	Term	BUY	ECONOMIC	06/08/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	06/08/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284621	Term	BUY	ECONOMIC	06/08/2023	7x16H	FP	800	MEAD230	115.5
284624	Term	BUY	ECONOMIC	06/08/2023	7x16H	FP	400	MEAD230	89
284625	Term	BUY	ECONOMIC	06/08/2023	7x16H	FP	400	MEAD230	92
284626	Term	BUY	ECONOMIC	06/08/2023	7x16H	FP	800	MEAD230	97
284630	Term	BUY	ECONOMIC	06/08/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	06/08/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	06/08/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	06/08/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	06/08/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	06/08/2023	7x16H	FP	800	MEAD230	222
284639	Term	BUY	ECONOMIC	06/08/2023	7x16H	FP	400	MEAD230	130
293873	Term	BUY	ECONOMIC	06/08/2023	7x 1-6, 15-24	FP	1600	MEAD230	127.72
293880	Term	BUY	ECONOMIC	06/08/2023	7x8 (15-22)	FP	200	MCCULLOUG230	175
294924	Term	BUY	ECONOMIC	06/08/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294925	Term	BUY	ECONOMIC	06/08/2023	7x16H	FP	800	PALOVERDE500	145
294932	Term	BUY	ECONOMIC	06/08/2023	7x 1-6, 15-24	FP	800	MEAD230	127.72
295555	Term	BUY	ECONOMIC	06/08/2023	7x 1-6, 15-24	FP	800	MEAD230	127.72
296133	Term	BUY	ECONOMIC	06/08/2023	7x16H	FP	800	PALOVERDE500	65.45
296334	RT	SELL	ECONOMIC	06/08/2023	Hourly	FP	100	MEAD230	55
296338	RT	SELL	ECONOMIC	06/08/2023	Hourly	FP	600	NORTHSYS	40
296339	LD	SELL	ECONOMIC	06/08/2023	Hourly	FP	-2	MEAD230	55
293875	Term	BUY	ECONOMIC	06/08/2023	7x16H	FP	3200	MEAD230	258.4
294392	Term	BUY	ECONOMIC	06/08/2023	7x8 (15-22)	FP	400	MCCULLOUG500	134.65
294393	Term	BUY	ECONOMIC	06/08/2023	7x8 (15-22)	FP	400	PALOVERDE500	134.65
294928	Term	BUY	ECONOMIC	06/08/2023	7x16H	FP	400	MCCULLOUG500	155

294929	Term	BUY	ECONOMIC	06/08/2023	7x16H	FP	400	MCCULLOUGH500	140
294933	Term	BUY	ECONOMIC	06/08/2023	7x16H	FP	400	MEAD230	130.5
294936	Term	BUY	ECONOMIC	06/08/2023	7x16H	FP	800	MEAD230	112.23
296331	RT	SELL	ECONOMIC	06/08/2023	Hourly	FP	50	NAVAJO500	48
274046	Term	BUY	ECONOMIC	06/09/2023	Hourly	FP	120	MEAD230	41.99
282860	Term	BUY	ECONOMIC	06/09/2023	6x8 (Superpeak)	FP	800	MEAD230	141.19
282861	Term	BUY	ECONOMIC	06/09/2023	6x8 (Superpeak)	FP	400	MEAD230	142.25
283775	Term	BUY	ECONOMIC	06/09/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	06/09/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284621	Term	BUY	ECONOMIC	06/09/2023	7x16H	FP	800	MEAD230	115.5
284624	Term	BUY	ECONOMIC	06/09/2023	7x16H	FP	400	MEAD230	89
284625	Term	BUY	ECONOMIC	06/09/2023	7x16H	FP	400	MEAD230	92
284626	Term	BUY	ECONOMIC	06/09/2023	7x16H	FP	800	MEAD230	97
284630	Term	BUY	ECONOMIC	06/09/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	06/09/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	06/09/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	06/09/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	06/09/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	06/09/2023	7x16H	FP	800	MEAD230	222
284639	Term	BUY	ECONOMIC	06/09/2023	7x16H	FP	400	MEAD230	130
293873	Term	BUY	ECONOMIC	06/09/2023	7x 1-6, 15-24	FP	1600	MEAD230	123.75
293880	Term	BUY	ECONOMIC	06/09/2023	7x8 (15-22)	FP	200	MCCULLOUGH230	175
294924	Term	BUY	ECONOMIC	06/09/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294925	Term	BUY	ECONOMIC	06/09/2023	7x16H	FP	800	PALOVERDE500	145
294932	Term	BUY	ECONOMIC	06/09/2023	7x 1-6, 15-24	FP	800	MEAD230	123.75
295555	Term	BUY	ECONOMIC	06/09/2023	7x 1-6, 15-24	FP	800	MEAD230	123.75
296133	Term	BUY	ECONOMIC	06/09/2023	7x16H	FP	800	PALOVERDE500	55.1
293875	Term	BUY	ECONOMIC	06/09/2023	7x16H	FP	3200	MEAD230	258.4
294392	Term	BUY	ECONOMIC	06/09/2023	7x8 (15-22)	FP	400	MCCULLOUGH500	134.65
294393	Term	BUY	ECONOMIC	06/09/2023	7x8 (15-22)	FP	400	PALOVERDE500	134.65
294928	Term	BUY	ECONOMIC	06/09/2023	7x16H	FP	400	MCCULLOUGH500	155
294929	Term	BUY	ECONOMIC	06/09/2023	7x16H	FP	400	MCCULLOUGH500	140
294933	Term	BUY	ECONOMIC	06/09/2023	7x16H	FP	400	MEAD230	130.5
294936	Term	BUY	ECONOMIC	06/09/2023	7x16H	FP	800	MEAD230	112.23
274046	Term	BUY	ECONOMIC	06/10/2023	Hourly	FP	120	MEAD230	41.99
282860	Term	BUY	ECONOMIC	06/10/2023	6x8 (Superpeak)	FP	800	MEAD230	141.19
282861	Term	BUY	ECONOMIC	06/10/2023	6x8 (Superpeak)	FP	400	MEAD230	142.25
283775	Term	BUY	ECONOMIC	06/10/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	06/10/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284621	Term	BUY	ECONOMIC	06/10/2023	7x16H	FP	800	MEAD230	115.5
284624	Term	BUY	ECONOMIC	06/10/2023	7x16H	FP	400	MEAD230	89
284625	Term	BUY	ECONOMIC	06/10/2023	7x16H	FP	400	MEAD230	92
284626	Term	BUY	ECONOMIC	06/10/2023	7x16H	FP	800	MEAD230	97
284630	Term	BUY	ECONOMIC	06/10/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	06/10/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	06/10/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	06/10/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	06/10/2023	7x16H	FP	800	MEAD230	175

284638	Term	BUY	ECONOMIC	06/10/2023	7x16H	FP	800	MEAD230	222
284639	Term	BUY	ECONOMIC	06/10/2023	7x16H	FP	400	MEAD230	130
296350	LD	BUY	ECONOMIC	06/10/2023	7x16H	FP	-55	MEAD230	97
296358	LD	BUY	ECONOMIC	06/10/2023	7x 1-6, 15-24	FP	-45	PALOVERDE500	207.37
293873	Term	BUY	ECONOMIC	06/10/2023	7x 1-6, 15-24	FP	1600	MEAD230	121.23
293880	Term	BUY	ECONOMIC	06/10/2023	7x8 (15-22)	FP	200	MCCULLOUG230	175
294924	Term	BUY	ECONOMIC	06/10/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294925	Term	BUY	ECONOMIC	06/10/2023	7x16H	FP	800	PALOVERDE500	145
294932	Term	BUY	ECONOMIC	06/10/2023	7x 1-6, 15-24	FP	800	MEAD230	121.23
295555	Term	BUY	ECONOMIC	06/10/2023	7x 1-6, 15-24	FP	800	MEAD230	121.23
296133	Term	BUY	ECONOMIC	06/10/2023	7x16H	FP	800	PALOVERDE500	55.1
296351	LD	BUY	ECONOMIC	06/10/2023	7x16H	FP	-26	PALOVERDE500	55.1
293875	Term	BUY	ECONOMIC	06/10/2023	7x16H	FP	3200	MEAD230	258.4
294392	Term	BUY	ECONOMIC	06/10/2023	7x8 (15-22)	FP	400	MCCULLOUG500	134.65
294393	Term	BUY	ECONOMIC	06/10/2023	7x8 (15-22)	FP	400	PALOVERDE500	134.65
294928	Term	BUY	ECONOMIC	06/10/2023	7x16H	FP	400	MCCULLOUG500	155
294929	Term	BUY	ECONOMIC	06/10/2023	7x16H	FP	400	MCCULLOUG500	140
294933	Term	BUY	ECONOMIC	06/10/2023	7x16H	FP	400	MEAD230	130.5
294936	Term	BUY	ECONOMIC	06/10/2023	7x16H	FP	800	MEAD230	112.23
296347	LD	BUY	ECONOMIC	06/10/2023	7x16H	FP	-26	MEAD230	258.4
296348	LD	BUY	ECONOMIC	06/10/2023	7x16H	FP	-9	MCCULLOUG500	155
296349	LD	BUY	ECONOMIC	06/10/2023	7x16H	FP	-14	MCCULLOUG500	140
296352	LD	BUY	ECONOMIC	06/10/2023	7x8 (15-22)	FP	-13	PALOVERDE500	134.65
274046	Term	BUY	ECONOMIC	06/11/2023	Hourly	FP	120	MEAD230	41.99
283775	Term	BUY	ECONOMIC	06/11/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	06/11/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284621	Term	BUY	ECONOMIC	06/11/2023	7x16H	FP	800	MEAD230	115.5
284624	Term	BUY	ECONOMIC	06/11/2023	7x16H	FP	400	MEAD230	89
284625	Term	BUY	ECONOMIC	06/11/2023	7x16H	FP	400	MEAD230	92
284626	Term	BUY	ECONOMIC	06/11/2023	7x16H	FP	800	MEAD230	97
284630	Term	BUY	ECONOMIC	06/11/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	06/11/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	06/11/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	06/11/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	06/11/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	06/11/2023	7x16H	FP	800	MEAD230	222
284639	Term	BUY	ECONOMIC	06/11/2023	7x16H	FP	400	MEAD230	130
296355	LD	BUY	ECONOMIC	06/11/2023	7x 1-6, 15-24	FP	-59	PALOVERDE500	207.37
293873	Term	BUY	ECONOMIC	06/11/2023	7x 1-6, 15-24	FP	1600	MEAD230	116.23
293880	Term	BUY	ECONOMIC	06/11/2023	7x8 (15-22)	FP	200	MCCULLOUG230	175
294924	Term	BUY	ECONOMIC	06/11/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294925	Term	BUY	ECONOMIC	06/11/2023	7x16H	FP	800	PALOVERDE500	145
294932	Term	BUY	ECONOMIC	06/11/2023	7x 1-6, 15-24	FP	800	MEAD230	116.23
295555	Term	BUY	ECONOMIC	06/11/2023	7x 1-6, 15-24	FP	800	MEAD230	116.23
296133	Term	BUY	ECONOMIC	06/11/2023	7x16H	FP	800	PALOVERDE500	49.88
296343	RT	SELL	ECONOMIC	06/11/2023	Hourly	FP	350	MEAD230	15.61
293875	Term	BUY	ECONOMIC	06/11/2023	7x16H	FP	3200	MEAD230	258.4
294392	Term	BUY	ECONOMIC	06/11/2023	7x8 (15-22)	FP	400	MCCULLOUG500	134.65

294393	Term	BUY	ECONOMIC	06/11/2023	7x8 (15-22)	FP	400	PALOVERDE500	134.65
294928	Term	BUY	ECONOMIC	06/11/2023	7x16H	FP	400	MCCULLOUG500	155
294929	Term	BUY	ECONOMIC	06/11/2023	7x16H	FP	400	MCCULLOUG500	140
294933	Term	BUY	ECONOMIC	06/11/2023	7x16H	FP	400	MEAD230	130.5
294936	Term	BUY	ECONOMIC	06/11/2023	7x16H	FP	800	MEAD230	112.23
274046	Term	BUY	ECONOMIC	06/12/2023	Hourly	FP	120	MEAD230	41.99
282860	Term	BUY	ECONOMIC	06/12/2023	6x8 (Superpeak)	FP	800	MEAD230	141.19
282861	Term	BUY	ECONOMIC	06/12/2023	6x8 (Superpeak)	FP	400	MEAD230	142.25
283775	Term	BUY	ECONOMIC	06/12/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	06/12/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284621	Term	BUY	ECONOMIC	06/12/2023	7x16H	FP	800	MEAD230	115.5
284624	Term	BUY	ECONOMIC	06/12/2023	7x16H	FP	400	MEAD230	89
284625	Term	BUY	ECONOMIC	06/12/2023	7x16H	FP	400	MEAD230	92
284626	Term	BUY	ECONOMIC	06/12/2023	7x16H	FP	800	MEAD230	97
284630	Term	BUY	ECONOMIC	06/12/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	06/12/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	06/12/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	06/12/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	06/12/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	06/12/2023	7x16H	FP	800	MEAD230	222
284639	Term	BUY	ECONOMIC	06/12/2023	7x16H	FP	400	MEAD230	130
296365	LD	BUY	ECONOMIC	06/12/2023	7x16H	FP	-23	MEAD230	222
293873	Term	BUY	ECONOMIC	06/12/2023	7x 1-6, 15-24	FP	1600	MEAD230	120.92
293880	Term	BUY	ECONOMIC	06/12/2023	7x8 (15-22)	FP	200	MCCULLOUG230	175
294924	Term	BUY	ECONOMIC	06/12/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294925	Term	BUY	ECONOMIC	06/12/2023	7x16H	FP	800	PALOVERDE500	145
294932	Term	BUY	ECONOMIC	06/12/2023	7x 1-6, 15-24	FP	800	MEAD230	120.92
295555	Term	BUY	ECONOMIC	06/12/2023	7x 1-6, 15-24	FP	800	MEAD230	120.92
296133	Term	BUY	ECONOMIC	06/12/2023	7x16H	FP	800	PALOVERDE500	59.47
296371	LD	BUY	ECONOMIC	06/12/2023	7x16H	FP	-3	PALOVERDE500	59.47
296353	DA	SELL	ECONOMIC	06/12/2023	Hourly	FP	350	MEAD230	30.34
293875	Term	BUY	ECONOMIC	06/12/2023	7x16H	FP	3200	MEAD230	258.4
294392	Term	BUY	ECONOMIC	06/12/2023	7x8 (15-22)	FP	400	MCCULLOUG500	134.65
294393	Term	BUY	ECONOMIC	06/12/2023	7x8 (15-22)	FP	400	PALOVERDE500	134.65
294928	Term	BUY	ECONOMIC	06/12/2023	7x16H	FP	400	MCCULLOUG500	155
294929	Term	BUY	ECONOMIC	06/12/2023	7x16H	FP	400	MCCULLOUG500	140
294933	Term	BUY	ECONOMIC	06/12/2023	7x16H	FP	400	MEAD230	130.5
294936	Term	BUY	ECONOMIC	06/12/2023	7x16H	FP	800	MEAD230	112.23
296360	RT	SELL	ECONOMIC	06/12/2023	Hourly	FP	500	NAVAJO500	39
274046	Term	BUY	ECONOMIC	06/13/2023	Hourly	FP	120	MEAD230	41.99
282860	Term	BUY	ECONOMIC	06/13/2023	6x8 (Superpeak)	FP	800	MEAD230	141.19
282861	Term	BUY	ECONOMIC	06/13/2023	6x8 (Superpeak)	FP	400	MEAD230	142.25
283775	Term	BUY	ECONOMIC	06/13/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	06/13/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284621	Term	BUY	ECONOMIC	06/13/2023	7x16H	FP	800	MEAD230	115.5
284624	Term	BUY	ECONOMIC	06/13/2023	7x16H	FP	400	MEAD230	89
284625	Term	BUY	ECONOMIC	06/13/2023	7x16H	FP	400	MEAD230	92
284626	Term	BUY	ECONOMIC	06/13/2023	7x16H	FP	800	MEAD230	97

284630	Term	BUY	ECONOMIC	06/13/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	06/13/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	06/13/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	06/13/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	06/13/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	06/13/2023	7x16H	FP	800	MEAD230	222
284639	Term	BUY	ECONOMIC	06/13/2023	7x16H	FP	400	MEAD230	130
296377	LD	BUY	ECONOMIC	06/13/2023	7x16H	FP	-14	MEAD230	175
296379	LD	BUY	ECONOMIC	06/13/2023	7x16H	FP	-7	MEAD230	222
296403	LD	BUY	ECONOMIC	06/13/2023	7x 1-6, 15-24	FP	-3	PALOVERDE500	134.65
296405	LD	BUY	ECONOMIC	06/13/2023	7x 1-6, 15-24	FP	-47	PALOVERDE500	207.37
293873	Term	BUY	ECONOMIC	06/13/2023	7x 1-6, 15-24	FP	1600	MEAD230	119
293880	Term	BUY	ECONOMIC	06/13/2023	7x8 (15-22)	FP	200	MCCULLOUG230	175
294924	Term	BUY	ECONOMIC	06/13/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294925	Term	BUY	ECONOMIC	06/13/2023	7x16H	FP	800	PALOVERDE500	145
294932	Term	BUY	ECONOMIC	06/13/2023	7x 1-6, 15-24	FP	800	MEAD230	119
295555	Term	BUY	ECONOMIC	06/13/2023	7x 1-6, 15-24	FP	800	MEAD230	119
296133	Term	BUY	ECONOMIC	06/13/2023	7x16H	FP	800	PALOVERDE500	48.73
296669	LD	BUY	ECONOMIC	06/13/2023	7x 1-6, 15-24	FP	-13	MEAD230	285
296364	DA	SELL	ECONOMIC	06/13/2023	Hourly	FP	250	MEAD230	20.58
293875	Term	BUY	ECONOMIC	06/13/2023	7x16H	FP	3200	MEAD230	258.4
294392	Term	BUY	ECONOMIC	06/13/2023	7x8 (15-22)	FP	400	MCCULLOUG500	134.65
294393	Term	BUY	ECONOMIC	06/13/2023	7x8 (15-22)	FP	400	PALOVERDE500	134.65
294928	Term	BUY	ECONOMIC	06/13/2023	7x16H	FP	400	MCCULLOUG500	155
294929	Term	BUY	ECONOMIC	06/13/2023	7x16H	FP	400	MCCULLOUG500	140
294933	Term	BUY	ECONOMIC	06/13/2023	7x16H	FP	400	MEAD230	130.5
294936	Term	BUY	ECONOMIC	06/13/2023	7x16H	FP	800	MEAD230	112.23
296376	LD	BUY	ECONOMIC	06/13/2023	7x16H	FP	-14	MEAD230	258.4
296383	LD	BUY	ECONOMIC	06/13/2023	7x16H	FP	-14	MCCULLOUG500	155
296404	LD	BUY	ECONOMIC	06/13/2023	7x8 (15-22)	FP	-11	PALOVERDE500	134.65
296373	RT	SELL	ECONOMIC	06/13/2023	Hourly	FP	105	NAVAJO500	34
296387	RT	BUY	ECONOMIC	06/14/2023	Hourly	FP	1	MEAD230	0
274046	Term	BUY	ECONOMIC	06/14/2023	Hourly	FP	120	MEAD230	41.99
282860	Term	BUY	ECONOMIC	06/14/2023	6x8 (Superpeak)	FP	800	MEAD230	141.19
282861	Term	BUY	ECONOMIC	06/14/2023	6x8 (Superpeak)	FP	400	MEAD230	142.25
283775	Term	BUY	ECONOMIC	06/14/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	06/14/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284621	Term	BUY	ECONOMIC	06/14/2023	7x16H	FP	800	MEAD230	115.5
284624	Term	BUY	ECONOMIC	06/14/2023	7x16H	FP	400	MEAD230	89
284625	Term	BUY	ECONOMIC	06/14/2023	7x16H	FP	400	MEAD230	92
284626	Term	BUY	ECONOMIC	06/14/2023	7x16H	FP	800	MEAD230	97
284630	Term	BUY	ECONOMIC	06/14/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	06/14/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	06/14/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	06/14/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	06/14/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	06/14/2023	7x16H	FP	800	MEAD230	222
284639	Term	BUY	ECONOMIC	06/14/2023	7x16H	FP	400	MEAD230	130

296397	LD	BUY	ECONOMIC	06/14/2023	7x16H	FP	-2	MEAD230	222
296398	LD	BUY	ECONOMIC	06/14/2023	7x16H	FP	-5	MEAD230	175
296399	LD	BUY	ECONOMIC	06/14/2023	7x 1-6, 15-24	FP	-5	PALOVERDE500	134.65
293873	Term	BUY	ECONOMIC	06/14/2023	7x 1-6, 15-24	FP	1600	MEAD230	117.18
293880	Term	BUY	ECONOMIC	06/14/2023	7x8 (15-22)	FP	200	MCCULLOUG230	175
294924	Term	BUY	ECONOMIC	06/14/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294925	Term	BUY	ECONOMIC	06/14/2023	7x16H	FP	800	PALOVERDE500	145
294932	Term	BUY	ECONOMIC	06/14/2023	7x 1-6, 15-24	FP	800	MEAD230	117.18
295555	Term	BUY	ECONOMIC	06/14/2023	7x 1-6, 15-24	FP	800	MEAD230	117.18
296133	Term	BUY	ECONOMIC	06/14/2023	7x16H	FP	800	PALOVERDE500	47.58
296372	DA	SELL	ECONOMIC	06/14/2023	Hourly	FP	300	MEAD230	17.35
296401	LD	BUY	ECONOMIC	06/14/2023	7x 1-6, 15-24	FP	-5	MEAD230	285
293875	Term	BUY	ECONOMIC	06/14/2023	7x16H	FP	3200	MEAD230	258.4
294392	Term	BUY	ECONOMIC	06/14/2023	7x8 (15-22)	FP	400	MCCULLOUG500	134.65
294393	Term	BUY	ECONOMIC	06/14/2023	7x8 (15-22)	FP	400	PALOVERDE500	134.65
294928	Term	BUY	ECONOMIC	06/14/2023	7x16H	FP	400	MCCULLOUG500	155
294929	Term	BUY	ECONOMIC	06/14/2023	7x16H	FP	400	MCCULLOUG500	140
294933	Term	BUY	ECONOMIC	06/14/2023	7x16H	FP	400	MEAD230	130.5
294936	Term	BUY	ECONOMIC	06/14/2023	7x16H	FP	800	MEAD230	112.23
296406	LD	BUY	ECONOMIC	06/14/2023	7x16H	FP	-8	MEAD230	258.4
296407	LD	BUY	ECONOMIC	06/14/2023	7x16H	FP	-2	MCCULLOUG500	155
296408	LD	BUY	ECONOMIC	06/14/2023	7x16H	FP	-2	MCCULLOUG500	140
296391	RT	SELL	ECONOMIC	06/14/2023	Hourly	FP	30	MEAD230	30
296392	RT	SELL	ECONOMIC	06/14/2023	Hourly	FP	100	NAVAJO500	32
274046	Term	BUY	ECONOMIC	06/15/2023	Hourly	FP	120	MEAD230	41.99
282860	Term	BUY	ECONOMIC	06/15/2023	6x8 (Superpeak)	FP	800	MEAD230	141.19
282861	Term	BUY	ECONOMIC	06/15/2023	6x8 (Superpeak)	FP	400	MEAD230	142.25
283775	Term	BUY	ECONOMIC	06/15/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	06/15/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284621	Term	BUY	ECONOMIC	06/15/2023	7x16H	FP	800	MEAD230	115.5
284624	Term	BUY	ECONOMIC	06/15/2023	7x16H	FP	400	MEAD230	89
284625	Term	BUY	ECONOMIC	06/15/2023	7x16H	FP	400	MEAD230	92
284626	Term	BUY	ECONOMIC	06/15/2023	7x16H	FP	800	MEAD230	97
284630	Term	BUY	ECONOMIC	06/15/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	06/15/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	06/15/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	06/15/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	06/15/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	06/15/2023	7x16H	FP	800	MEAD230	222
284639	Term	BUY	ECONOMIC	06/15/2023	7x16H	FP	400	MEAD230	130
293873	Term	BUY	ECONOMIC	06/15/2023	7x 1-6, 15-24	FP	1600	MEAD230	118.04
293880	Term	BUY	ECONOMIC	06/15/2023	7x8 (15-22)	FP	200	MCCULLOUG230	175
294924	Term	BUY	ECONOMIC	06/15/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294925	Term	BUY	ECONOMIC	06/15/2023	7x16H	FP	800	PALOVERDE500	145
294932	Term	BUY	ECONOMIC	06/15/2023	7x 1-6, 15-24	FP	800	MEAD230	118.04
295555	Term	BUY	ECONOMIC	06/15/2023	7x 1-6, 15-24	FP	800	MEAD230	118.04
296133	Term	BUY	ECONOMIC	06/15/2023	7x16H	FP	800	PALOVERDE500	57.85
296390	DA	SELL	ECONOMIC	06/15/2023	Hourly	FP	400	MEAD230	16.86

293875	Term	BUY	ECONOMIC	06/15/2023	7x16H	FP	3200	MEAD230	258.4
294392	Term	BUY	ECONOMIC	06/15/2023	7x8 (15-22)	FP	400	MCCULLOUG500	134.65
294393	Term	BUY	ECONOMIC	06/15/2023	7x8 (15-22)	FP	400	PALOVERDE500	134.65
294928	Term	BUY	ECONOMIC	06/15/2023	7x16H	FP	400	MCCULLOUG500	155
294929	Term	BUY	ECONOMIC	06/15/2023	7x16H	FP	400	MCCULLOUG500	140
294933	Term	BUY	ECONOMIC	06/15/2023	7x16H	FP	400	MEAD230	130.5
294936	Term	BUY	ECONOMIC	06/15/2023	7x16H	FP	800	MEAD230	112.23
296410	RT	SELL	ECONOMIC	06/15/2023	Hourly	FP	150	MEAD230	55
296415	RT	SELL	ECONOMIC	06/16/2023	Hourly	FP	130	NAVAJO500	20
296416	RT	SELL	ECONOMIC	06/16/2023	Hourly	FP	100	MEAD230	7
296418	RT	SELL	ECONOMIC	06/16/2023	Hourly	FP	250	M345	13
296419	RT	SELL	ECONOMIC	06/16/2023	Hourly	FP	200	M345	20
296420	RT	SELL	ECONOMIC	06/16/2023	Hourly	FP	85	MEAD230	9
296421	RT	SELL	ECONOMIC	06/16/2023	Hourly	FP	50	NAVAJO500	22
274046	Term	BUY	ECONOMIC	06/16/2023	Hourly	FP	120	MEAD230	41.99
282860	Term	BUY	ECONOMIC	06/16/2023	6x8 (Superpeak)	FP	800	MEAD230	141.19
282861	Term	BUY	ECONOMIC	06/16/2023	6x8 (Superpeak)	FP	400	MEAD230	142.25
283775	Term	BUY	ECONOMIC	06/16/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	06/16/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284621	Term	BUY	ECONOMIC	06/16/2023	7x16H	FP	800	MEAD230	115.5
284624	Term	BUY	ECONOMIC	06/16/2023	7x16H	FP	400	MEAD230	89
284625	Term	BUY	ECONOMIC	06/16/2023	7x16H	FP	400	MEAD230	92
284626	Term	BUY	ECONOMIC	06/16/2023	7x16H	FP	800	MEAD230	97
284630	Term	BUY	ECONOMIC	06/16/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	06/16/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	06/16/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	06/16/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	06/16/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	06/16/2023	7x16H	FP	800	MEAD230	222
284639	Term	BUY	ECONOMIC	06/16/2023	7x16H	FP	400	MEAD230	130
293873	Term	BUY	ECONOMIC	06/16/2023	7x 1-6, 15-24	FP	1600	MEAD230	119.93
293880	Term	BUY	ECONOMIC	06/16/2023	7x8 (15-22)	FP	200	MCCULLOUG230	175
294924	Term	BUY	ECONOMIC	06/16/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294925	Term	BUY	ECONOMIC	06/16/2023	7x16H	FP	800	PALOVERDE500	145
294932	Term	BUY	ECONOMIC	06/16/2023	7x 1-6, 15-24	FP	800	MEAD230	119.93
295555	Term	BUY	ECONOMIC	06/16/2023	7x 1-6, 15-24	FP	800	MEAD230	119.93
296133	Term	BUY	ECONOMIC	06/16/2023	7x16H	FP	800	PALOVERDE500	57.85
293875	Term	BUY	ECONOMIC	06/16/2023	7x16H	FP	3200	MEAD230	258.4
294392	Term	BUY	ECONOMIC	06/16/2023	7x8 (15-22)	FP	400	MCCULLOUG500	134.65
294393	Term	BUY	ECONOMIC	06/16/2023	7x8 (15-22)	FP	400	PALOVERDE500	134.65
294928	Term	BUY	ECONOMIC	06/16/2023	7x16H	FP	400	MCCULLOUG500	155
294929	Term	BUY	ECONOMIC	06/16/2023	7x16H	FP	400	MCCULLOUG500	140
294933	Term	BUY	ECONOMIC	06/16/2023	7x16H	FP	400	MEAD230	130.5
294936	Term	BUY	ECONOMIC	06/16/2023	7x16H	FP	800	MEAD230	112.23
274046	Term	BUY	ECONOMIC	06/17/2023	Hourly	FP	120	MEAD230	41.99
282860	Term	BUY	ECONOMIC	06/17/2023	6x8 (Superpeak)	FP	800	MEAD230	141.19
282861	Term	BUY	ECONOMIC	06/17/2023	6x8 (Superpeak)	FP	400	MEAD230	142.25
283775	Term	BUY	ECONOMIC	06/17/2023	7x 1-6, 15-24	FP	1696	REDB	259.33

283776	Term	BUY	ECONOMIC	06/17/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284621	Term	BUY	ECONOMIC	06/17/2023	7x16H	FP	800	MEAD230	115.5
284624	Term	BUY	ECONOMIC	06/17/2023	7x16H	FP	400	MEAD230	89
284625	Term	BUY	ECONOMIC	06/17/2023	7x16H	FP	400	MEAD230	92
284626	Term	BUY	ECONOMIC	06/17/2023	7x16H	FP	800	MEAD230	97
284630	Term	BUY	ECONOMIC	06/17/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	06/17/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	06/17/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	06/17/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	06/17/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	06/17/2023	7x16H	FP	800	MEAD230	222
284639	Term	BUY	ECONOMIC	06/17/2023	7x16H	FP	400	MEAD230	130
293873	Term	BUY	ECONOMIC	06/17/2023	7x 1-6, 15-24	FP	1600	MEAD230	118.69
293880	Term	BUY	ECONOMIC	06/17/2023	7x8 (15-22)	FP	200	MCCULLOUG230	175
294924	Term	BUY	ECONOMIC	06/17/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294925	Term	BUY	ECONOMIC	06/17/2023	7x16H	FP	800	PALOVERDE500	145
294932	Term	BUY	ECONOMIC	06/17/2023	7x 1-6, 15-24	FP	800	MEAD230	118.69
295555	Term	BUY	ECONOMIC	06/17/2023	7x 1-6, 15-24	FP	800	MEAD230	118.69
296133	Term	BUY	ECONOMIC	06/17/2023	7x16H	FP	800	PALOVERDE500	50.76
296413	DA	SELL	ECONOMIC	06/17/2023	Hourly	FP	300	MEAD230	6.8
293875	Term	BUY	ECONOMIC	06/17/2023	7x16H	FP	3200	MEAD230	258.4
294392	Term	BUY	ECONOMIC	06/17/2023	7x8 (15-22)	FP	400	MCCULLOUG500	134.65
294393	Term	BUY	ECONOMIC	06/17/2023	7x8 (15-22)	FP	400	PALOVERDE500	134.65
294928	Term	BUY	ECONOMIC	06/17/2023	7x16H	FP	400	MCCULLOUG500	155
294929	Term	BUY	ECONOMIC	06/17/2023	7x16H	FP	400	MCCULLOUG500	140
294933	Term	BUY	ECONOMIC	06/17/2023	7x16H	FP	400	MEAD230	130.5
294936	Term	BUY	ECONOMIC	06/17/2023	7x16H	FP	800	MEAD230	112.23
274046	Term	BUY	ECONOMIC	06/18/2023	Hourly	FP	120	MEAD230	41.99
283775	Term	BUY	ECONOMIC	06/18/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	06/18/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284621	Term	BUY	ECONOMIC	06/18/2023	7x16H	FP	800	MEAD230	115.5
284624	Term	BUY	ECONOMIC	06/18/2023	7x16H	FP	400	MEAD230	89
284625	Term	BUY	ECONOMIC	06/18/2023	7x16H	FP	400	MEAD230	92
284626	Term	BUY	ECONOMIC	06/18/2023	7x16H	FP	800	MEAD230	97
284630	Term	BUY	ECONOMIC	06/18/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	06/18/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	06/18/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	06/18/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	06/18/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	06/18/2023	7x16H	FP	800	MEAD230	222
284639	Term	BUY	ECONOMIC	06/18/2023	7x16H	FP	400	MEAD230	130
293873	Term	BUY	ECONOMIC	06/18/2023	7x 1-6, 15-24	FP	1600	MEAD230	111.95
293880	Term	BUY	ECONOMIC	06/18/2023	7x8 (15-22)	FP	200	MCCULLOUG230	175
294924	Term	BUY	ECONOMIC	06/18/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294925	Term	BUY	ECONOMIC	06/18/2023	7x16H	FP	800	PALOVERDE500	145
294932	Term	BUY	ECONOMIC	06/18/2023	7x 1-6, 15-24	FP	800	MEAD230	111.95
295555	Term	BUY	ECONOMIC	06/18/2023	7x 1-6, 15-24	FP	800	MEAD230	111.95
296133	Term	BUY	ECONOMIC	06/18/2023	7x16H	FP	800	PALOVERDE500	48

296429	DA	SELL	ECONOMIC	06/18/2023	Hourly	FP	100	MEAD230	0.12
296438	LD	BUY	ECONOMIC	06/18/2023	Hourly	FP	-1	PALOVERDE500	48
293875	Term	BUY	ECONOMIC	06/18/2023	7x16H	FP	3200	MEAD230	258.4
294392	Term	BUY	ECONOMIC	06/18/2023	7x8 (15-22)	FP	400	MCCULLOUG500	134.65
294393	Term	BUY	ECONOMIC	06/18/2023	7x8 (15-22)	FP	400	PALOVERDE500	134.65
294928	Term	BUY	ECONOMIC	06/18/2023	7x16H	FP	400	MCCULLOUG500	155
294929	Term	BUY	ECONOMIC	06/18/2023	7x16H	FP	400	MCCULLOUG500	140
294933	Term	BUY	ECONOMIC	06/18/2023	7x16H	FP	400	MEAD230	130.5
294936	Term	BUY	ECONOMIC	06/18/2023	7x16H	FP	800	MEAD230	112.23
296437	LD	BUY	ECONOMIC	06/18/2023	Hourly	FP	-28	PALOVERDE500	134.65
274046	Term	BUY	ECONOMIC	06/19/2023	Hourly	FP	120	MEAD230	41.99
282860	Term	BUY	ECONOMIC	06/19/2023	6x8 (Superpeak)	FP	800	MEAD230	141.19
282861	Term	BUY	ECONOMIC	06/19/2023	6x8 (Superpeak)	FP	400	MEAD230	142.25
283775	Term	BUY	ECONOMIC	06/19/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	06/19/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284621	Term	BUY	ECONOMIC	06/19/2023	7x16H	FP	800	MEAD230	115.5
284624	Term	BUY	ECONOMIC	06/19/2023	7x16H	FP	400	MEAD230	89
284625	Term	BUY	ECONOMIC	06/19/2023	7x16H	FP	400	MEAD230	92
284626	Term	BUY	ECONOMIC	06/19/2023	7x16H	FP	800	MEAD230	97
284630	Term	BUY	ECONOMIC	06/19/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	06/19/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	06/19/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	06/19/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	06/19/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	06/19/2023	7x16H	FP	800	MEAD230	222
284639	Term	BUY	ECONOMIC	06/19/2023	7x16H	FP	400	MEAD230	130
293873	Term	BUY	ECONOMIC	06/19/2023	7x 1-6, 15-24	FP	1600	MEAD230	114.28
293880	Term	BUY	ECONOMIC	06/19/2023	7x8 (15-22)	FP	200	MCCULLOUG230	175
294924	Term	BUY	ECONOMIC	06/19/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294925	Term	BUY	ECONOMIC	06/19/2023	7x16H	FP	800	PALOVERDE500	145
294932	Term	BUY	ECONOMIC	06/19/2023	7x 1-6, 15-24	FP	800	MEAD230	114.28
295555	Term	BUY	ECONOMIC	06/19/2023	7x 1-6, 15-24	FP	800	MEAD230	114.28
296133	Term	BUY	ECONOMIC	06/19/2023	7x16H	FP	800	PALOVERDE500	53.06
293875	Term	BUY	ECONOMIC	06/19/2023	7x16H	FP	3200	MEAD230	258.4
294392	Term	BUY	ECONOMIC	06/19/2023	7x8 (15-22)	FP	400	MCCULLOUG500	134.65
294393	Term	BUY	ECONOMIC	06/19/2023	7x8 (15-22)	FP	400	PALOVERDE500	134.65
294928	Term	BUY	ECONOMIC	06/19/2023	7x16H	FP	400	MCCULLOUG500	155
294929	Term	BUY	ECONOMIC	06/19/2023	7x16H	FP	400	MCCULLOUG500	140
294933	Term	BUY	ECONOMIC	06/19/2023	7x16H	FP	400	MEAD230	130.5
294936	Term	BUY	ECONOMIC	06/19/2023	7x16H	FP	800	MEAD230	112.23
296439	RT	SELL	ECONOMIC	06/20/2023	Hourly	FP	60	MEAD230	46
296447	RT	SELL	ECONOMIC	06/20/2023	Hourly	FP	100	MEAD230	54
274046	Term	BUY	ECONOMIC	06/20/2023	Hourly	FP	120	MEAD230	41.99
282860	Term	BUY	ECONOMIC	06/20/2023	6x8 (Superpeak)	FP	800	MEAD230	141.19
282861	Term	BUY	ECONOMIC	06/20/2023	6x8 (Superpeak)	FP	400	MEAD230	142.25
283775	Term	BUY	ECONOMIC	06/20/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	06/20/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284621	Term	BUY	ECONOMIC	06/20/2023	7x16H	FP	800	MEAD230	115.5

284624	Term	BUY	ECONOMIC	06/20/2023	7x16H	FP	400	MEAD230	89
284625	Term	BUY	ECONOMIC	06/20/2023	7x16H	FP	400	MEAD230	92
284626	Term	BUY	ECONOMIC	06/20/2023	7x16H	FP	800	MEAD230	97
284630	Term	BUY	ECONOMIC	06/20/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	06/20/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	06/20/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	06/20/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	06/20/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	06/20/2023	7x16H	FP	800	MEAD230	222
284639	Term	BUY	ECONOMIC	06/20/2023	7x16H	FP	400	MEAD230	130
293873	Term	BUY	ECONOMIC	06/20/2023	7x 1-6, 15-24	FP	1600	MEAD230	113.42
293880	Term	BUY	ECONOMIC	06/20/2023	7x8 (15-22)	FP	200	MCCULLOUG230	175
294924	Term	BUY	ECONOMIC	06/20/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294925	Term	BUY	ECONOMIC	06/20/2023	7x16H	FP	800	PALOVERDE500	145
294932	Term	BUY	ECONOMIC	06/20/2023	7x 1-6, 15-24	FP	800	MEAD230	113.42
295555	Term	BUY	ECONOMIC	06/20/2023	7x 1-6, 15-24	FP	800	MEAD230	113.42
296133	Term	BUY	ECONOMIC	06/20/2023	7x16H	FP	800	PALOVERDE500	53.06
296435	DA	SELL	ECONOMIC	06/20/2023	Hourly	FP	200	MEAD230	7.07
293875	Term	BUY	ECONOMIC	06/20/2023	7x16H	FP	3200	MEAD230	258.4
294392	Term	BUY	ECONOMIC	06/20/2023	7x8 (15-22)	FP	400	MCCULLOUG500	134.65
294393	Term	BUY	ECONOMIC	06/20/2023	7x8 (15-22)	FP	400	PALOVERDE500	134.65
294928	Term	BUY	ECONOMIC	06/20/2023	7x16H	FP	400	MCCULLOUG500	155
294929	Term	BUY	ECONOMIC	06/20/2023	7x16H	FP	400	MCCULLOUG500	140
294933	Term	BUY	ECONOMIC	06/20/2023	7x16H	FP	400	MEAD230	130.5
294936	Term	BUY	ECONOMIC	06/20/2023	7x16H	FP	800	MEAD230	112.23
296453	RT	SELL	ECONOMIC	06/21/2023	Hourly	FP	130	MEAD230	25
296458	RT	SELL	ECONOMIC	06/21/2023	Hourly	FP	95	MEAD230	53
296450	RT	SELL	ECONOMIC	06/21/2023	Hourly	FP	200	MEAD230	35
274046	Term	BUY	ECONOMIC	06/21/2023	Hourly	FP	120	MEAD230	41.99
282860	Term	BUY	ECONOMIC	06/21/2023	6x8 (Superpeak)	FP	800	MEAD230	141.19
282861	Term	BUY	ECONOMIC	06/21/2023	6x8 (Superpeak)	FP	400	MEAD230	142.25
283775	Term	BUY	ECONOMIC	06/21/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	06/21/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284621	Term	BUY	ECONOMIC	06/21/2023	7x16H	FP	800	MEAD230	115.5
284624	Term	BUY	ECONOMIC	06/21/2023	7x16H	FP	400	MEAD230	89
284625	Term	BUY	ECONOMIC	06/21/2023	7x16H	FP	400	MEAD230	92
284626	Term	BUY	ECONOMIC	06/21/2023	7x16H	FP	800	MEAD230	97
284630	Term	BUY	ECONOMIC	06/21/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	06/21/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	06/21/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	06/21/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	06/21/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	06/21/2023	7x16H	FP	800	MEAD230	222
284639	Term	BUY	ECONOMIC	06/21/2023	7x16H	FP	400	MEAD230	130
296463	LD	BUY	ECONOMIC	06/21/2023	7x 1-6, 15-24	FP	-4	PALOVERDE500	134.65
296832	LD	BUY	ECONOMIC	06/21/2023	7x 1-6, 15-24	FP	-12	PALOVERDE500	207.37
293873	Term	BUY	ECONOMIC	06/21/2023	7x 1-6, 15-24	FP	1600	MEAD230	122.2
293880	Term	BUY	ECONOMIC	06/21/2023	7x8 (15-22)	FP	200	MCCULLOUG230	175

294924	Term	BUY	ECONOMIC	06/21/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294925	Term	BUY	ECONOMIC	06/21/2023	7x16H	FP	800	PALOVERDE500	145
294932	Term	BUY	ECONOMIC	06/21/2023	7x 1-6, 15-24	FP	800	MEAD230	122.2
295555	Term	BUY	ECONOMIC	06/21/2023	7x 1-6, 15-24	FP	800	MEAD230	122.2
296133	Term	BUY	ECONOMIC	06/21/2023	7x16H	FP	800	PALOVERDE500	60.5
296441	DA	SELL	ECONOMIC	06/21/2023	Hourly	FP	1600	MEAD230	4.67
296465	LD	BUY	ECONOMIC	06/21/2023	7x 1-6, 15-24	FP	-3	MEAD230	285
293875	Term	BUY	ECONOMIC	06/21/2023	7x16H	FP	3200	MEAD230	258.4
294392	Term	BUY	ECONOMIC	06/21/2023	7x8 (15-22)	FP	400	MCCULLOUG500	134.65
294393	Term	BUY	ECONOMIC	06/21/2023	7x8 (15-22)	FP	400	PALOVERDE500	134.65
294928	Term	BUY	ECONOMIC	06/21/2023	7x16H	FP	400	MCCULLOUG500	155
294929	Term	BUY	ECONOMIC	06/21/2023	7x16H	FP	400	MCCULLOUG500	140
294933	Term	BUY	ECONOMIC	06/21/2023	7x16H	FP	400	MEAD230	130.5
294936	Term	BUY	ECONOMIC	06/21/2023	7x16H	FP	800	MEAD230	112.23
296461	LD	BUY	ECONOMIC	06/21/2023	7x16H	FP	-2	MCCULLOUG500	155
296462	LD	BUY	ECONOMIC	06/21/2023	7x16H	FP	-2	MCCULLOUG500	140
296464	LD	BUY	ECONOMIC	06/21/2023	7x16H	FP	-4	MEAD230	258.4
296473	RT	SELL	ECONOMIC	06/22/2023	Hourly	FP	160	NAVAJO500	65
274046	Term	BUY	ECONOMIC	06/22/2023	Hourly	FP	120	MEAD230	41.99
282860	Term	BUY	ECONOMIC	06/22/2023	6x8 (Superpeak)	FP	800	MEAD230	141.19
282861	Term	BUY	ECONOMIC	06/22/2023	6x8 (Superpeak)	FP	400	MEAD230	142.25
283775	Term	BUY	ECONOMIC	06/22/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	06/22/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284621	Term	BUY	ECONOMIC	06/22/2023	7x16H	FP	800	MEAD230	115.5
284624	Term	BUY	ECONOMIC	06/22/2023	7x16H	FP	400	MEAD230	89
284625	Term	BUY	ECONOMIC	06/22/2023	7x16H	FP	400	MEAD230	92
284626	Term	BUY	ECONOMIC	06/22/2023	7x16H	FP	800	MEAD230	97
284630	Term	BUY	ECONOMIC	06/22/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	06/22/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	06/22/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	06/22/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	06/22/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	06/22/2023	7x16H	FP	800	MEAD230	222
284639	Term	BUY	ECONOMIC	06/22/2023	7x16H	FP	400	MEAD230	130
296477	LD	BUY	ECONOMIC	06/22/2023	7x16H	FP	-23	MEAD230	222
293873	Term	BUY	ECONOMIC	06/22/2023	7x 1-6, 15-24	FP	1600	MEAD230	122.05
293880	Term	BUY	ECONOMIC	06/22/2023	7x8 (15-22)	FP	200	MCCULLOUG230	175
294924	Term	BUY	ECONOMIC	06/22/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294925	Term	BUY	ECONOMIC	06/22/2023	7x16H	FP	800	PALOVERDE500	145
294932	Term	BUY	ECONOMIC	06/22/2023	7x 1-6, 15-24	FP	800	MEAD230	122.05
295555	Term	BUY	ECONOMIC	06/22/2023	7x 1-6, 15-24	FP	800	MEAD230	122.05
296133	Term	BUY	ECONOMIC	06/22/2023	7x16H	FP	800	PALOVERDE500	57.17
296456	DA	SELL	ECONOMIC	06/22/2023	Hourly	FP	1150	MEAD230	7.77
293875	Term	BUY	ECONOMIC	06/22/2023	7x16H	FP	3200	MEAD230	258.4
294392	Term	BUY	ECONOMIC	06/22/2023	7x8 (15-22)	FP	400	MCCULLOUG500	134.65
294393	Term	BUY	ECONOMIC	06/22/2023	7x8 (15-22)	FP	400	PALOVERDE500	134.65
294928	Term	BUY	ECONOMIC	06/22/2023	7x16H	FP	400	MCCULLOUG500	155
294929	Term	BUY	ECONOMIC	06/22/2023	7x16H	FP	400	MCCULLOUG500	140

294933	Term	BUY	ECONOMIC	06/22/2023	7x16H	FP	400	MEAD230	130.5
294936	Term	BUY	ECONOMIC	06/22/2023	7x16H	FP	800	MEAD230	112.23
296478	RT	SELL	ECONOMIC	06/23/2023	Hourly	FP	800	MEAD230	25
296479	RT	SELL	ECONOMIC	06/23/2023	Hourly	FP	625	M345	12
296481	RT	SELL	ECONOMIC	06/23/2023	Hourly	FP	100	MEAD230	25
274046	Term	BUY	ECONOMIC	06/23/2023	Hourly	FP	120	MEAD230	41.99
282860	Term	BUY	ECONOMIC	06/23/2023	6x8 (Superpeak)	FP	800	MEAD230	141.19
282861	Term	BUY	ECONOMIC	06/23/2023	6x8 (Superpeak)	FP	400	MEAD230	142.25
283775	Term	BUY	ECONOMIC	06/23/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	06/23/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284621	Term	BUY	ECONOMIC	06/23/2023	7x16H	FP	800	MEAD230	115.5
284624	Term	BUY	ECONOMIC	06/23/2023	7x16H	FP	400	MEAD230	89
284625	Term	BUY	ECONOMIC	06/23/2023	7x16H	FP	400	MEAD230	92
284626	Term	BUY	ECONOMIC	06/23/2023	7x16H	FP	800	MEAD230	97
284630	Term	BUY	ECONOMIC	06/23/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	06/23/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	06/23/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	06/23/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	06/23/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	06/23/2023	7x16H	FP	800	MEAD230	222
284639	Term	BUY	ECONOMIC	06/23/2023	7x16H	FP	400	MEAD230	130
293873	Term	BUY	ECONOMIC	06/23/2023	7x 1-6, 15-24	FP	1600	MEAD230	116.71
293880	Term	BUY	ECONOMIC	06/23/2023	7x8 (15-22)	FP	200	MCCULLOUG230	175
294924	Term	BUY	ECONOMIC	06/23/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294925	Term	BUY	ECONOMIC	06/23/2023	7x16H	FP	800	PALOVERDE500	145
294932	Term	BUY	ECONOMIC	06/23/2023	7x 1-6, 15-24	FP	800	MEAD230	116.71
295555	Term	BUY	ECONOMIC	06/23/2023	7x 1-6, 15-24	FP	800	MEAD230	116.71
296133	Term	BUY	ECONOMIC	06/23/2023	7x16H	FP	800	PALOVERDE500	52.25
296470	DA	SELL	ECONOMIC	06/23/2023	Hourly	FP	650	MEAD230	7.17
293875	Term	BUY	ECONOMIC	06/23/2023	7x16H	FP	3200	MEAD230	258.4
294392	Term	BUY	ECONOMIC	06/23/2023	7x8 (15-22)	FP	400	MCCULLOUG500	134.65
294393	Term	BUY	ECONOMIC	06/23/2023	7x8 (15-22)	FP	400	PALOVERDE500	134.65
294928	Term	BUY	ECONOMIC	06/23/2023	7x16H	FP	400	MCCULLOUG500	155
294929	Term	BUY	ECONOMIC	06/23/2023	7x16H	FP	400	MCCULLOUG500	140
294933	Term	BUY	ECONOMIC	06/23/2023	7x16H	FP	400	MEAD230	130.5
294936	Term	BUY	ECONOMIC	06/23/2023	7x16H	FP	800	MEAD230	112.23
296486	DA	SELL	ECONOMIC	06/24/2023	Hourly	FP	1600	MEAD230	6.63
274046	Term	BUY	ECONOMIC	06/24/2023	Hourly	FP	120	MEAD230	41.99
282860	Term	BUY	ECONOMIC	06/24/2023	6x8 (Superpeak)	FP	800	MEAD230	141.19
282861	Term	BUY	ECONOMIC	06/24/2023	6x8 (Superpeak)	FP	400	MEAD230	142.25
283775	Term	BUY	ECONOMIC	06/24/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	06/24/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284621	Term	BUY	ECONOMIC	06/24/2023	7x16H	FP	800	MEAD230	115.5
284624	Term	BUY	ECONOMIC	06/24/2023	7x16H	FP	400	MEAD230	89
284625	Term	BUY	ECONOMIC	06/24/2023	7x16H	FP	400	MEAD230	92
284626	Term	BUY	ECONOMIC	06/24/2023	7x16H	FP	800	MEAD230	97
284630	Term	BUY	ECONOMIC	06/24/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	06/24/2023	7x16H	FP	400	MEAD230	170.63

284632	Term	BUY	ECONOMIC	06/24/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	06/24/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	06/24/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	06/24/2023	7x16H	FP	800	MEAD230	222
284639	Term	BUY	ECONOMIC	06/24/2023	7x16H	FP	400	MEAD230	130
293873	Term	BUY	ECONOMIC	06/24/2023	7x 1-6, 15-24	FP	1600	MEAD230	120.14
293880	Term	BUY	ECONOMIC	06/24/2023	7x8 (15-22)	FP	200	MCCULLOUG230	175
294924	Term	BUY	ECONOMIC	06/24/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294925	Term	BUY	ECONOMIC	06/24/2023	7x16H	FP	800	PALOVERDE500	145
294932	Term	BUY	ECONOMIC	06/24/2023	7x 1-6, 15-24	FP	800	MEAD230	120.14
295555	Term	BUY	ECONOMIC	06/24/2023	7x 1-6, 15-24	FP	800	MEAD230	120.14
296133	Term	BUY	ECONOMIC	06/24/2023	7x16H	FP	800	PALOVERDE500	52.25
293875	Term	BUY	ECONOMIC	06/24/2023	7x16H	FP	3200	MEAD230	258.4
294392	Term	BUY	ECONOMIC	06/24/2023	7x8 (15-22)	FP	400	MCCULLOUG500	134.65
294393	Term	BUY	ECONOMIC	06/24/2023	7x8 (15-22)	FP	400	PALOVERDE500	134.65
294928	Term	BUY	ECONOMIC	06/24/2023	7x16H	FP	400	MCCULLOUG500	155
294929	Term	BUY	ECONOMIC	06/24/2023	7x16H	FP	400	MCCULLOUG500	140
294933	Term	BUY	ECONOMIC	06/24/2023	7x16H	FP	400	MEAD230	130.5
294936	Term	BUY	ECONOMIC	06/24/2023	7x16H	FP	800	MEAD230	112.23
296489	DA	SELL	ECONOMIC	06/25/2023	Hourly	FP	200	MEAD230	2.99
274046	Term	BUY	ECONOMIC	06/25/2023	Hourly	FP	120	MEAD230	41.99
283775	Term	BUY	ECONOMIC	06/25/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	06/25/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284621	Term	BUY	ECONOMIC	06/25/2023	7x16H	FP	800	MEAD230	115.5
284624	Term	BUY	ECONOMIC	06/25/2023	7x16H	FP	400	MEAD230	89
284625	Term	BUY	ECONOMIC	06/25/2023	7x16H	FP	400	MEAD230	92
284626	Term	BUY	ECONOMIC	06/25/2023	7x16H	FP	800	MEAD230	97
284630	Term	BUY	ECONOMIC	06/25/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	06/25/2023	7x16H	FP	397	MEAD230	170.63
284632	Term	BUY	ECONOMIC	06/25/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	06/25/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	06/25/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	06/25/2023	7x16H	FP	800	MEAD230	222
284639	Term	BUY	ECONOMIC	06/25/2023	7x16H	FP	400	MEAD230	130
293873	Term	BUY	ECONOMIC	06/25/2023	7x 1-6, 15-24	FP	1600	MEAD230	116.5
293880	Term	BUY	ECONOMIC	06/25/2023	7x8 (15-22)	FP	200	MCCULLOUG230	175
294924	Term	BUY	ECONOMIC	06/25/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294925	Term	BUY	ECONOMIC	06/25/2023	7x16H	FP	800	PALOVERDE500	145
294932	Term	BUY	ECONOMIC	06/25/2023	7x 1-6, 15-24	FP	800	MEAD230	116.5
295555	Term	BUY	ECONOMIC	06/25/2023	7x 1-6, 15-24	FP	800	MEAD230	116.5
296133	Term	BUY	ECONOMIC	06/25/2023	7x16H	FP	800	PALOVERDE500	51.75
296493	RT	SELL	ECONOMIC	06/25/2023	Hourly	FP	800	M345	7
296494	RT	SELL	ECONOMIC	06/25/2023	Hourly	FP	300	M345	8
296495	RT	SELL	ECONOMIC	06/25/2023	Hourly	FP	100	M345	5
296497	RT	SELL	ECONOMIC	06/25/2023	Hourly	FP	35	MEAD230	1
296498	RT	SELL	ECONOMIC	06/25/2023	Hourly	FP	15	NAVAJO500	8
296505	RT	SELL	ECONOMIC	06/25/2023	Hourly	FP	110	MEAD230	45
293875	Term	BUY	ECONOMIC	06/25/2023	7x16H	FP	3200	MEAD230	258.4

294392	Term	BUY	ECONOMIC	06/25/2023	7x8 (15-22)	FP	400	MCCULLOUG500	134.65
294393	Term	BUY	ECONOMIC	06/25/2023	7x8 (15-22)	FP	400	PALOVERDE500	134.65
294928	Term	BUY	ECONOMIC	06/25/2023	7x16H	FP	400	MCCULLOUG500	155
294929	Term	BUY	ECONOMIC	06/25/2023	7x16H	FP	400	MCCULLOUG500	140
294933	Term	BUY	ECONOMIC	06/25/2023	7x16H	FP	400	MEAD230	130.5
294936	Term	BUY	ECONOMIC	06/25/2023	7x16H	FP	800	MEAD230	112.23
296512	LD	BUY	ECONOMIC	06/25/2023	7x8 (15-22)	FP	-7	PALOVERDE500	134.65
274046	Term	BUY	ECONOMIC	06/26/2023	Hourly	FP	120	MEAD230	41.99
282860	Term	BUY	ECONOMIC	06/26/2023	6x8 (Superpeak)	FP	800	MEAD230	141.19
282861	Term	BUY	ECONOMIC	06/26/2023	6x8 (Superpeak)	FP	400	MEAD230	142.25
283775	Term	BUY	ECONOMIC	06/26/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	06/26/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284621	Term	BUY	ECONOMIC	06/26/2023	7x16H	FP	800	MEAD230	115.5
284624	Term	BUY	ECONOMIC	06/26/2023	7x16H	FP	400	MEAD230	89
284625	Term	BUY	ECONOMIC	06/26/2023	7x16H	FP	400	MEAD230	92
284626	Term	BUY	ECONOMIC	06/26/2023	7x16H	FP	800	MEAD230	97
284630	Term	BUY	ECONOMIC	06/26/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	06/26/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	06/26/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	06/26/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	06/26/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	06/26/2023	7x16H	FP	800	MEAD230	222
284639	Term	BUY	ECONOMIC	06/26/2023	7x16H	FP	400	MEAD230	130
293873	Term	BUY	ECONOMIC	06/26/2023	7x 1-6, 15-24	FP	1600	MEAD230	121.58
293880	Term	BUY	ECONOMIC	06/26/2023	7x8 (15-22)	FP	200	MCCULLOUG230	175
294924	Term	BUY	ECONOMIC	06/26/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294925	Term	BUY	ECONOMIC	06/26/2023	7x16H	FP	800	PALOVERDE500	145
294932	Term	BUY	ECONOMIC	06/26/2023	7x 1-6, 15-24	FP	800	MEAD230	121.58
295555	Term	BUY	ECONOMIC	06/26/2023	7x 1-6, 15-24	FP	800	MEAD230	121.58
296133	Term	BUY	ECONOMIC	06/26/2023	7x16H	FP	800	PALOVERDE500	59.74
296510	RT	SELL	ECONOMIC	06/26/2023	Hourly	FP	450	M345	10
293875	Term	BUY	ECONOMIC	06/26/2023	7x16H	FP	3200	MEAD230	258.4
294392	Term	BUY	ECONOMIC	06/26/2023	7x8 (15-22)	FP	400	MCCULLOUG500	134.65
294393	Term	BUY	ECONOMIC	06/26/2023	7x8 (15-22)	FP	400	PALOVERDE500	134.65
294928	Term	BUY	ECONOMIC	06/26/2023	7x16H	FP	400	MCCULLOUG500	155
294929	Term	BUY	ECONOMIC	06/26/2023	7x16H	FP	400	MCCULLOUG500	140
294933	Term	BUY	ECONOMIC	06/26/2023	7x16H	FP	400	MEAD230	130.5
294936	Term	BUY	ECONOMIC	06/26/2023	7x16H	FP	800	MEAD230	112.23
296514	LD	BUY	ECONOMIC	06/26/2023	7x16H	FP	-33	MCCULLOUG500	155
296515	LD	BUY	ECONOMIC	06/26/2023	7x16H	FP	-15	MCCULLOUG500	140
296525	LD	BUY	ECONOMIC	06/27/2023	Hourly	FP	-25	MCCULLOUG500	155
274046	Term	BUY	ECONOMIC	06/27/2023	Hourly	FP	120	MEAD230	41.99
282860	Term	BUY	ECONOMIC	06/27/2023	6x8 (Superpeak)	FP	800	MEAD230	141.19
282861	Term	BUY	ECONOMIC	06/27/2023	6x8 (Superpeak)	FP	400	MEAD230	142.25
283775	Term	BUY	ECONOMIC	06/27/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	06/27/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284621	Term	BUY	ECONOMIC	06/27/2023	7x16H	FP	800	MEAD230	115.5
284624	Term	BUY	ECONOMIC	06/27/2023	7x16H	FP	400	MEAD230	89

284625	Term	BUY	ECONOMIC	06/27/2023	7x16H	FP	400	MEAD230	92
284626	Term	BUY	ECONOMIC	06/27/2023	7x16H	FP	800	MEAD230	97
284630	Term	BUY	ECONOMIC	06/27/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	06/27/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	06/27/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	06/27/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	06/27/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	06/27/2023	7x16H	FP	800	MEAD230	222
284639	Term	BUY	ECONOMIC	06/27/2023	7x16H	FP	400	MEAD230	130
293873	Term	BUY	ECONOMIC	06/27/2023	7x 1-6, 15-24	FP	1600	MEAD230	129.05
293880	Term	BUY	ECONOMIC	06/27/2023	7x8 (15-22)	FP	200	MCCULLOUG230	175
294924	Term	BUY	ECONOMIC	06/27/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294925	Term	BUY	ECONOMIC	06/27/2023	7x16H	FP	800	PALOVERDE500	145
294932	Term	BUY	ECONOMIC	06/27/2023	7x 1-6, 15-24	FP	800	MEAD230	129.05
295555	Term	BUY	ECONOMIC	06/27/2023	7x 1-6, 15-24	FP	800	MEAD230	129.05
296133	Term	BUY	ECONOMIC	06/27/2023	7x16H	FP	800	PALOVERDE500	64.61
296519	RT	SELL	ECONOMIC	06/27/2023	Hourly	FP	50	MEAD230	35
296513	DA	SELL	ECONOMIC	06/27/2023	Hourly	FP	550	MEAD230	14.48
293875	Term	BUY	ECONOMIC	06/27/2023	7x16H	FP	3200	MEAD230	258.4
294392	Term	BUY	ECONOMIC	06/27/2023	7x8 (15-22)	FP	400	MCCULLOUG500	134.65
294393	Term	BUY	ECONOMIC	06/27/2023	7x8 (15-22)	FP	400	PALOVERDE500	134.65
294928	Term	BUY	ECONOMIC	06/27/2023	7x16H	FP	400	MCCULLOUG500	155
294929	Term	BUY	ECONOMIC	06/27/2023	7x16H	FP	400	MCCULLOUG500	140
294933	Term	BUY	ECONOMIC	06/27/2023	7x16H	FP	400	MEAD230	130.5
294936	Term	BUY	ECONOMIC	06/27/2023	7x16H	FP	800	MEAD230	112.23
296527	RT	SELL	ECONOMIC	06/28/2023	Hourly	FP	400	NAVAJO500	63
296528	RT	SELL	ECONOMIC	06/28/2023	Hourly	FP	300	M345	31
274046	Term	BUY	ECONOMIC	06/28/2023	Hourly	FP	120	MEAD230	41.99
282860	Term	BUY	ECONOMIC	06/28/2023	6x8 (Superpeak)	FP	800	MEAD230	141.19
282861	Term	BUY	ECONOMIC	06/28/2023	6x8 (Superpeak)	FP	400	MEAD230	142.25
283775	Term	BUY	ECONOMIC	06/28/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	06/28/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284621	Term	BUY	ECONOMIC	06/28/2023	7x16H	FP	800	MEAD230	115.5
284624	Term	BUY	ECONOMIC	06/28/2023	7x16H	FP	400	MEAD230	89
284625	Term	BUY	ECONOMIC	06/28/2023	7x16H	FP	400	MEAD230	92
284626	Term	BUY	ECONOMIC	06/28/2023	7x16H	FP	800	MEAD230	97
284630	Term	BUY	ECONOMIC	06/28/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	06/28/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	06/28/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	06/28/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	06/28/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	06/28/2023	7x16H	FP	800	MEAD230	222
284639	Term	BUY	ECONOMIC	06/28/2023	7x16H	FP	400	MEAD230	130
293873	Term	BUY	ECONOMIC	06/28/2023	7x 1-6, 15-24	FP	1600	MEAD230	127.6
293880	Term	BUY	ECONOMIC	06/28/2023	7x8 (15-22)	FP	200	MCCULLOUG230	175
294924	Term	BUY	ECONOMIC	06/28/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294925	Term	BUY	ECONOMIC	06/28/2023	7x16H	FP	800	PALOVERDE500	145
294932	Term	BUY	ECONOMIC	06/28/2023	7x 1-6, 15-24	FP	800	MEAD230	127.6

295555	Term	BUY	ECONOMIC	06/28/2023	7x 1-6, 15-24	FP	800	MEAD230	127.6
296133	Term	BUY	ECONOMIC	06/28/2023	7x16H	FP	800	PALOVERDE500	71.33
296523	DA	SELL	ECONOMIC	06/28/2023	Hourly	FP	200	MEAD230	22.2
293875	Term	BUY	ECONOMIC	06/28/2023	7x16H	FP	3200	MEAD230	258.4
294392	Term	BUY	ECONOMIC	06/28/2023	7x8 (15-22)	FP	400	MCCULLOUG500	134.65
294393	Term	BUY	ECONOMIC	06/28/2023	7x8 (15-22)	FP	400	PALOVERDE500	134.65
294928	Term	BUY	ECONOMIC	06/28/2023	7x16H	FP	400	MCCULLOUG500	155
294929	Term	BUY	ECONOMIC	06/28/2023	7x16H	FP	400	MCCULLOUG500	140
294933	Term	BUY	ECONOMIC	06/28/2023	7x16H	FP	400	MEAD230	130.5
294936	Term	BUY	ECONOMIC	06/28/2023	7x16H	FP	800	MEAD230	112.23
296535	LD	BUY	ECONOMIC	06/28/2023	7x16H	FP	-24	MCCULLOUG500	155
296545	RT	SELL	ECONOMIC	06/29/2023	Hourly	FP	34	MEAD230	80
296547	LD	BUY	ECONOMIC	06/29/2023	7x16H	FP	-59	MCCULLOUG500	155
296537	RT	SELL	ECONOMIC	06/29/2023	Hourly	FP	300	HILLTOP345	54
296542	RT	SELL	ECONOMIC	06/29/2023	Hourly	FP	200	HILLTOP345	80
274046	Term	BUY	ECONOMIC	06/29/2023	Hourly	FP	120	MEAD230	41.99
282860	Term	BUY	ECONOMIC	06/29/2023	6x8 (Superpeak)	FP	800	MEAD230	141.19
282861	Term	BUY	ECONOMIC	06/29/2023	6x8 (Superpeak)	FP	400	MEAD230	142.25
283775	Term	BUY	ECONOMIC	06/29/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	06/29/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284621	Term	BUY	ECONOMIC	06/29/2023	7x16H	FP	800	MEAD230	115.5
284624	Term	BUY	ECONOMIC	06/29/2023	7x16H	FP	400	MEAD230	89
284625	Term	BUY	ECONOMIC	06/29/2023	7x16H	FP	400	MEAD230	92
284626	Term	BUY	ECONOMIC	06/29/2023	7x16H	FP	800	MEAD230	97
284630	Term	BUY	ECONOMIC	06/29/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	06/29/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	06/29/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	06/29/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	06/29/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	06/29/2023	7x16H	FP	800	MEAD230	222
284639	Term	BUY	ECONOMIC	06/29/2023	7x16H	FP	400	MEAD230	130
293873	Term	BUY	ECONOMIC	06/29/2023	7x 1-6, 15-24	FP	1600	MEAD230	137.74
293880	Term	BUY	ECONOMIC	06/29/2023	7x8 (15-22)	FP	200	MCCULLOUG230	175
294924	Term	BUY	ECONOMIC	06/29/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294925	Term	BUY	ECONOMIC	06/29/2023	7x16H	FP	800	PALOVERDE500	145
294932	Term	BUY	ECONOMIC	06/29/2023	7x 1-6, 15-24	FP	800	MEAD230	137.74
295555	Term	BUY	ECONOMIC	06/29/2023	7x 1-6, 15-24	FP	800	MEAD230	137.74
296133	Term	BUY	ECONOMIC	06/29/2023	7x16H	FP	800	PALOVERDE500	85
296533	DA	SELL	ECONOMIC	06/29/2023	Hourly	FP	200	MEAD230	27.99
293875	Term	BUY	ECONOMIC	06/29/2023	7x16H	FP	3200	MEAD230	258.4
294392	Term	BUY	ECONOMIC	06/29/2023	7x8 (15-22)	FP	400	MCCULLOUG500	134.65
294393	Term	BUY	ECONOMIC	06/29/2023	7x8 (15-22)	FP	400	PALOVERDE500	134.65
294928	Term	BUY	ECONOMIC	06/29/2023	7x16H	FP	400	MCCULLOUG500	155
294929	Term	BUY	ECONOMIC	06/29/2023	7x16H	FP	400	MCCULLOUG500	140
294933	Term	BUY	ECONOMIC	06/29/2023	7x16H	FP	400	MEAD230	130.5
294936	Term	BUY	ECONOMIC	06/29/2023	7x16H	FP	800	MEAD230	112.23
274046	Term	BUY	ECONOMIC	06/30/2023	Hourly	FP	120	MEAD230	41.99
282860	Term	BUY	ECONOMIC	06/30/2023	6x8 (Superpeak)	FP	800	MEAD230	141.19

282861	Term	BUY	ECONOMIC	06/30/2023	6x8 (Superpeak)	FP	400	MEAD230	142.25
283775	Term	BUY	ECONOMIC	06/30/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	06/30/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284621	Term	BUY	ECONOMIC	06/30/2023	7x16H	FP	800	MEAD230	115.5
284624	Term	BUY	ECONOMIC	06/30/2023	7x16H	FP	400	MEAD230	89
284625	Term	BUY	ECONOMIC	06/30/2023	7x16H	FP	400	MEAD230	92
284626	Term	BUY	ECONOMIC	06/30/2023	7x16H	FP	800	MEAD230	97
284630	Term	BUY	ECONOMIC	06/30/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	06/30/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	06/30/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	06/30/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	06/30/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	06/30/2023	7x16H	FP	800	MEAD230	222
284639	Term	BUY	ECONOMIC	06/30/2023	7x16H	FP	400	MEAD230	130
293873	Term	BUY	ECONOMIC	06/30/2023	7x 1-6, 15-24	FP	1600	MEAD230	146.14
293880	Term	BUY	ECONOMIC	06/30/2023	7x8 (15-22)	FP	200	MCCULLOUG230	175
294924	Term	BUY	ECONOMIC	06/30/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294925	Term	BUY	ECONOMIC	06/30/2023	7x16H	FP	800	PALOVERDE500	145
294932	Term	BUY	ECONOMIC	06/30/2023	7x 1-6, 15-24	FP	800	MEAD230	146.14
295555	Term	BUY	ECONOMIC	06/30/2023	7x 1-6, 15-24	FP	800	MEAD230	146.14
296133	Term	BUY	ECONOMIC	06/30/2023	7x16H	FP	800	PALOVERDE500	85
296548	RT	SELL	ECONOMIC	06/30/2023	Hourly	FP	60	M345	37
296551	RT	SELL	ECONOMIC	06/30/2023	Hourly	FP	300	M345	45
296557	RT	SELL	ECONOMIC	06/30/2023	Hourly	FP	50	NAVAJO500	70
296558	RT	SELL	ECONOMIC	06/30/2023	Hourly	FP	25	HILLTOP345	65
293875	Term	BUY	ECONOMIC	06/30/2023	7x16H	FP	3200	MEAD230	258.4
294392	Term	BUY	ECONOMIC	06/30/2023	7x8 (15-22)	FP	400	MCCULLOUG500	134.65
294393	Term	BUY	ECONOMIC	06/30/2023	7x8 (15-22)	FP	400	PALOVERDE500	134.65
294928	Term	BUY	ECONOMIC	06/30/2023	7x16H	FP	400	MCCULLOUG500	155
294929	Term	BUY	ECONOMIC	06/30/2023	7x16H	FP	400	MCCULLOUG500	140
294933	Term	BUY	ECONOMIC	06/30/2023	7x16H	FP	400	MEAD230	130.5
294936	Term	BUY	ECONOMIC	06/30/2023	7x16H	FP	800	MEAD230	112.23
296561	LD	BUY	ECONOMIC	06/30/2023	7x16H	FP	-7	MCCULLOUG500	140
274046	Term	BUY	ECONOMIC	07/01/2023	Hourly	FP	120	MEAD230	41.99
282862	Term	BUY	ECONOMIC	07/01/2023	6x8 (Superpeak)	FP	800	MEAD230	292.94
283775	Term	BUY	ECONOMIC	07/01/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	07/01/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284622	Term	BUY	ECONOMIC	07/01/2023	7x16H	FP	800	MEAD230	235.45
284623	Term	BUY	ECONOMIC	07/01/2023	7x16H	FP	800	MEAD230	225.45
284627	Term	BUY	ECONOMIC	07/01/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	07/01/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	07/01/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	07/01/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	07/01/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	07/01/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	07/01/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	07/01/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	07/01/2023	7x16H	FP	800	MEAD230	222

293865	Term	BUY	ECONOMIC	07/01/2023	7x16H	FP	800	PALOVERDE500	290
293866	Term	BUY	ECONOMIC	07/01/2023	7x16H	FP	800	MEAD230	298
293871	Term	BUY	ECONOMIC	07/01/2023	7x16H	FP	400	MEAD230	339.5
293873	Term	BUY	ECONOMIC	07/01/2023	7x 1-6, 15-24	FP	1600	MEAD230	136.93
294924	Term	BUY	ECONOMIC	07/01/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294932	Term	BUY	ECONOMIC	07/01/2023	7x 1-6, 15-24	FP	800	MEAD230	136.93
295556	Term	BUY	ECONOMIC	07/01/2023	7x 1-6, 15-24	FP	1600	MEAD230	136.93
293875	Term	BUY	ECONOMIC	07/01/2023	7x16H	FP	3200	MEAD230	258.4
293876	Term	BUY	ECONOMIC	07/01/2023	Heavy Load	FP	400	PALOVERDE500	105.95
294394	Term	BUY	ECONOMIC	07/01/2023	7x8 (15-22)	FP	400	MCCULLOUG500	298.53
294395	Term	BUY	ECONOMIC	07/01/2023	7x8 (15-22)	FP	400	PALOVERDE500	298.53
294928	Term	BUY	ECONOMIC	07/01/2023	7x16H	FP	400	MCCULLOUG500	155
294931	Term	BUY	ECONOMIC	07/01/2023	7x16H	FP	1600	MCCULLOUG500	295
294934	Term	BUY	ECONOMIC	07/01/2023	7x16H	FP	400	MEAD230	297
294935	Term	BUY	ECONOMIC	07/01/2023	Heavy Load	FP	800	REDB	112.46
294937	Term	BUY	ECONOMIC	07/01/2023	7x16H	FP	800	MEAD230	221
295006	Term	BUY	ECONOMIC	07/01/2023	7x16H	FP	800	MCCULLOUG500	295
296562	LD	BUY	ECONOMIC	07/01/2023	7x16H	FP	-23	MCCULLOUG500	155
274046	Term	BUY	ECONOMIC	07/02/2023	Hourly	FP	120	MEAD230	41.99
283775	Term	BUY	ECONOMIC	07/02/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	07/02/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284622	Term	BUY	ECONOMIC	07/02/2023	7x16H	FP	800	MEAD230	235.45
284623	Term	BUY	ECONOMIC	07/02/2023	7x16H	FP	800	MEAD230	225.45
284627	Term	BUY	ECONOMIC	07/02/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	07/02/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	07/02/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	07/02/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	07/02/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	07/02/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	07/02/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	07/02/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	07/02/2023	7x16H	FP	800	MEAD230	222
293865	Term	BUY	ECONOMIC	07/02/2023	7x16H	FP	800	PALOVERDE500	290
293866	Term	BUY	ECONOMIC	07/02/2023	7x16H	FP	800	MEAD230	298
293871	Term	BUY	ECONOMIC	07/02/2023	7x16H	FP	400	MEAD230	339.5
293873	Term	BUY	ECONOMIC	07/02/2023	7x 1-6, 15-24	FP	1600	MEAD230	139.35
294924	Term	BUY	ECONOMIC	07/02/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294932	Term	BUY	ECONOMIC	07/02/2023	7x 1-6, 15-24	FP	800	MEAD230	139.35
295556	Term	BUY	ECONOMIC	07/02/2023	7x 1-6, 15-24	FP	1600	MEAD230	139.35
296563	RT	SELL	ECONOMIC	07/02/2023	Hourly	FP	125	MEAD230	50
293875	Term	BUY	ECONOMIC	07/02/2023	7x16H	FP	3200	MEAD230	258.4
294394	Term	BUY	ECONOMIC	07/02/2023	7x8 (15-22)	FP	400	MCCULLOUG500	298.53
294395	Term	BUY	ECONOMIC	07/02/2023	7x8 (15-22)	FP	400	PALOVERDE500	298.53
294928	Term	BUY	ECONOMIC	07/02/2023	7x16H	FP	400	MCCULLOUG500	155
294931	Term	BUY	ECONOMIC	07/02/2023	7x16H	FP	1600	MCCULLOUG500	295
294934	Term	BUY	ECONOMIC	07/02/2023	7x16H	FP	400	MEAD230	297
294937	Term	BUY	ECONOMIC	07/02/2023	7x16H	FP	800	MEAD230	221
295006	Term	BUY	ECONOMIC	07/02/2023	7x16H	FP	800	MCCULLOUG500	295

296567	RT	SELL	ECONOMIC	07/03/2023	Hourly	FP	80	MEAD230	74
296569	RT	SELL	ECONOMIC	07/03/2023	Hourly	FP	200	MEAD230	112
274046	Term	BUY	ECONOMIC	07/03/2023	Hourly	FP	120	MEAD230	41.99
282862	Term	BUY	ECONOMIC	07/03/2023	6x8 (Superpeak)	FP	800	MEAD230	292.94
283775	Term	BUY	ECONOMIC	07/03/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	07/03/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284622	Term	BUY	ECONOMIC	07/03/2023	7x16H	FP	800	MEAD230	235.45
284623	Term	BUY	ECONOMIC	07/03/2023	7x16H	FP	800	MEAD230	225.45
284627	Term	BUY	ECONOMIC	07/03/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	07/03/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	07/03/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	07/03/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	07/03/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	07/03/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	07/03/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	07/03/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	07/03/2023	7x16H	FP	800	MEAD230	222
293865	Term	BUY	ECONOMIC	07/03/2023	7x16H	FP	800	PALOVERDE500	290
293866	Term	BUY	ECONOMIC	07/03/2023	7x16H	FP	800	MEAD230	298
293871	Term	BUY	ECONOMIC	07/03/2023	7x16H	FP	400	MEAD230	339.5
293873	Term	BUY	ECONOMIC	07/03/2023	7x 1-6, 15-24	FP	1600	MEAD230	143.16
294924	Term	BUY	ECONOMIC	07/03/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294932	Term	BUY	ECONOMIC	07/03/2023	7x 1-6, 15-24	FP	800	MEAD230	143.16
295556	Term	BUY	ECONOMIC	07/03/2023	7x 1-6, 15-24	FP	1600	MEAD230	143.16
293875	Term	BUY	ECONOMIC	07/03/2023	7x16H	FP	3200	MEAD230	258.4
293876	Term	BUY	ECONOMIC	07/03/2023	Heavy Load	FP	400	PALOVERDE500	127.55
294394	Term	BUY	ECONOMIC	07/03/2023	7x8 (15-22)	FP	400	MCCULLOUG500	298.53
294395	Term	BUY	ECONOMIC	07/03/2023	7x8 (15-22)	FP	400	PALOVERDE500	298.53
294928	Term	BUY	ECONOMIC	07/03/2023	7x16H	FP	400	MCCULLOUG500	155
294931	Term	BUY	ECONOMIC	07/03/2023	7x16H	FP	1600	MCCULLOUG500	295
294934	Term	BUY	ECONOMIC	07/03/2023	7x16H	FP	400	MEAD230	297
294935	Term	BUY	ECONOMIC	07/03/2023	Heavy Load	FP	800	REDB	134.06
294937	Term	BUY	ECONOMIC	07/03/2023	7x16H	FP	800	MEAD230	221
295006	Term	BUY	ECONOMIC	07/03/2023	7x16H	FP	800	MCCULLOUG500	295
274046	Term	BUY	ECONOMIC	07/04/2023	Hourly	FP	120	MEAD230	41.99
283775	Term	BUY	ECONOMIC	07/04/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	07/04/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284622	Term	BUY	ECONOMIC	07/04/2023	7x16H	FP	800	MEAD230	235.45
284623	Term	BUY	ECONOMIC	07/04/2023	7x16H	FP	800	MEAD230	225.45
284627	Term	BUY	ECONOMIC	07/04/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	07/04/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	07/04/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	07/04/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	07/04/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	07/04/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	07/04/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	07/04/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	07/04/2023	7x16H	FP	800	MEAD230	222

293865	Term	BUY	ECONOMIC	07/04/2023	7x16H	FP	800	PALOVERDE500	290
293866	Term	BUY	ECONOMIC	07/04/2023	7x16H	FP	800	MEAD230	298
293871	Term	BUY	ECONOMIC	07/04/2023	7x16H	FP	400	MEAD230	339.5
293873	Term	BUY	ECONOMIC	07/04/2023	7x 1-6, 15-24	FP	1600	MEAD230	132.04
294924	Term	BUY	ECONOMIC	07/04/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294932	Term	BUY	ECONOMIC	07/04/2023	7x 1-6, 15-24	FP	800	MEAD230	132.04
295556	Term	BUY	ECONOMIC	07/04/2023	7x 1-6, 15-24	FP	1600	MEAD230	132.04
296574	LD	BUY	ECONOMIC	07/04/2023	7x16H	FP	-2	MEAD230	298
293875	Term	BUY	ECONOMIC	07/04/2023	7x16H	FP	3200	MEAD230	258.4
294394	Term	BUY	ECONOMIC	07/04/2023	7x8 (15-22)	FP	400	MCCULLOUG500	298.53
294395	Term	BUY	ECONOMIC	07/04/2023	7x8 (15-22)	FP	400	PALOVERDE500	298.53
294928	Term	BUY	ECONOMIC	07/04/2023	7x16H	FP	400	MCCULLOUG500	155
294931	Term	BUY	ECONOMIC	07/04/2023	7x16H	FP	1600	MCCULLOUG500	295
294934	Term	BUY	ECONOMIC	07/04/2023	7x16H	FP	400	MEAD230	297
294937	Term	BUY	ECONOMIC	07/04/2023	7x16H	FP	800	MEAD230	221
295006	Term	BUY	ECONOMIC	07/04/2023	7x16H	FP	800	MCCULLOUG500	295
296573	LD	BUY	ECONOMIC	07/04/2023	7x16H	FP	-4	MCCULLOUG500	155
296575	RT	SELL	ECONOMIC	07/05/2023	Hourly	FP	150	M345	40
274046	Term	BUY	ECONOMIC	07/05/2023	Hourly	FP	120	MEAD230	41.99
282862	Term	BUY	ECONOMIC	07/05/2023	6x8 (Superpeak)	FP	800	MEAD230	292.94
283775	Term	BUY	ECONOMIC	07/05/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	07/05/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284622	Term	BUY	ECONOMIC	07/05/2023	7x16H	FP	800	MEAD230	235.45
284623	Term	BUY	ECONOMIC	07/05/2023	7x16H	FP	800	MEAD230	225.45
284627	Term	BUY	ECONOMIC	07/05/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	07/05/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	07/05/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	07/05/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	07/05/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	07/05/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	07/05/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	07/05/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	07/05/2023	7x16H	FP	800	MEAD230	222
293865	Term	BUY	ECONOMIC	07/05/2023	7x16H	FP	800	PALOVERDE500	290
293866	Term	BUY	ECONOMIC	07/05/2023	7x16H	FP	800	MEAD230	298
293871	Term	BUY	ECONOMIC	07/05/2023	7x16H	FP	400	MEAD230	339.5
293873	Term	BUY	ECONOMIC	07/05/2023	7x 1-6, 15-24	FP	1600	MEAD230	133.68
294924	Term	BUY	ECONOMIC	07/05/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294932	Term	BUY	ECONOMIC	07/05/2023	7x 1-6, 15-24	FP	800	MEAD230	133.68
295556	Term	BUY	ECONOMIC	07/05/2023	7x 1-6, 15-24	FP	1600	MEAD230	133.68
296580	LD	BUY	ECONOMIC	07/05/2023	7x 1-6, 15-24	FP	-29	MEAD230	285
293875	Term	BUY	ECONOMIC	07/05/2023	7x16H	FP	3200	MEAD230	258.4
293876	Term	BUY	ECONOMIC	07/05/2023	Heavy Load	FP	400	PALOVERDE500	99.01
294394	Term	BUY	ECONOMIC	07/05/2023	7x8 (15-22)	FP	400	MCCULLOUG500	298.53
294395	Term	BUY	ECONOMIC	07/05/2023	7x8 (15-22)	FP	400	PALOVERDE500	298.53
294928	Term	BUY	ECONOMIC	07/05/2023	7x16H	FP	400	MCCULLOUG500	155
294931	Term	BUY	ECONOMIC	07/05/2023	7x16H	FP	1600	MCCULLOUG500	295
294934	Term	BUY	ECONOMIC	07/05/2023	7x16H	FP	400	MEAD230	297

294935	Term	BUY	ECONOMIC	07/05/2023	Heavy Load	FP	800	REDB	107.14
294937	Term	BUY	ECONOMIC	07/05/2023	7x16H	FP	800	MEAD230	221
295006	Term	BUY	ECONOMIC	07/05/2023	7x16H	FP	800	MCCULLOUG500	295
296581	LD	BUY	ECONOMIC	07/05/2023	7x16H	FP	-4	MCCULLOUG500	155
296585	RT	SELL	ECONOMIC	07/06/2023	Hourly	FP	225	HILLTOP345	70
274046	Term	BUY	ECONOMIC	07/06/2023	Hourly	FP	120	MEAD230	41.99
282862	Term	BUY	ECONOMIC	07/06/2023	6x8 (Superpeak)	FP	800	MEAD230	292.94
283775	Term	BUY	ECONOMIC	07/06/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	07/06/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284622	Term	BUY	ECONOMIC	07/06/2023	7x16H	FP	800	MEAD230	235.45
284623	Term	BUY	ECONOMIC	07/06/2023	7x16H	FP	800	MEAD230	225.45
284627	Term	BUY	ECONOMIC	07/06/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	07/06/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	07/06/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	07/06/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	07/06/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	07/06/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	07/06/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	07/06/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	07/06/2023	7x16H	FP	800	MEAD230	222
296588	LD	BUY	ECONOMIC	07/06/2023	6x8 (Superpeak)	FP	-14	MEAD230	292.94
296592	LD	BUY	ECONOMIC	07/06/2023	7x16H	FP	-5	MEAD230	222
296593	LD	BUY	ECONOMIC	07/06/2023	7x16H	FP	-5	MEAD230	177.5
296594	LD	BUY	ECONOMIC	07/06/2023	7x16H	FP	-5	MEAD230	175
296595	LD	BUY	ECONOMIC	07/06/2023	7x16H	FP	-10	MEAD230	168
296645	LD	BUY	ECONOMIC	07/06/2023	7x16H	FP	-1	MEAD230	170.63
293865	Term	BUY	ECONOMIC	07/06/2023	7x16H	FP	800	PALOVERDE500	290
293866	Term	BUY	ECONOMIC	07/06/2023	7x16H	FP	800	MEAD230	298
293871	Term	BUY	ECONOMIC	07/06/2023	7x16H	FP	400	MEAD230	339.5
293873	Term	BUY	ECONOMIC	07/06/2023	7x 1-6, 15-24	FP	1600	MEAD230	129.5
294924	Term	BUY	ECONOMIC	07/06/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294932	Term	BUY	ECONOMIC	07/06/2023	7x 1-6, 15-24	FP	800	MEAD230	129.5
295556	Term	BUY	ECONOMIC	07/06/2023	7x 1-6, 15-24	FP	1600	MEAD230	129.5
296589	LD	BUY	ECONOMIC	07/06/2023	7x 1-6, 15-24	FP	-21	MEAD230	126.69
293875	Term	BUY	ECONOMIC	07/06/2023	7x16H	FP	3200	MEAD230	258.4
293876	Term	BUY	ECONOMIC	07/06/2023	Heavy Load	FP	400	PALOVERDE500	84.04
294394	Term	BUY	ECONOMIC	07/06/2023	7x8 (15-22)	FP	400	MCCULLOUG500	298.53
294395	Term	BUY	ECONOMIC	07/06/2023	7x8 (15-22)	FP	400	PALOVERDE500	298.53
294928	Term	BUY	ECONOMIC	07/06/2023	7x16H	FP	400	MCCULLOUG500	155
294931	Term	BUY	ECONOMIC	07/06/2023	7x16H	FP	1600	MCCULLOUG500	295
294934	Term	BUY	ECONOMIC	07/06/2023	7x16H	FP	400	MEAD230	297
294935	Term	BUY	ECONOMIC	07/06/2023	Heavy Load	FP	800	REDB	91.98
294937	Term	BUY	ECONOMIC	07/06/2023	7x16H	FP	800	MEAD230	221
295006	Term	BUY	ECONOMIC	07/06/2023	7x16H	FP	800	MCCULLOUG500	295
296587	LD	BUY	ECONOMIC	07/06/2023	7x16H	FP	-10	MCCULLOUG500	155
296591	LD	BUY	ECONOMIC	07/06/2023	7x16H	FP	-11	MEAD230	258.4
274046	Term	BUY	ECONOMIC	07/07/2023	Hourly	FP	120	MEAD230	41.99
282862	Term	BUY	ECONOMIC	07/07/2023	6x8 (Superpeak)	FP	800	MEAD230	292.94

283775	Term	BUY	ECONOMIC	07/07/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	07/07/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284622	Term	BUY	ECONOMIC	07/07/2023	7x16H	FP	800	MEAD230	235.45
284623	Term	BUY	ECONOMIC	07/07/2023	7x16H	FP	800	MEAD230	225.45
284627	Term	BUY	ECONOMIC	07/07/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	07/07/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	07/07/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	07/07/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	07/07/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	07/07/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	07/07/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	07/07/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	07/07/2023	7x16H	FP	800	MEAD230	222
296601	LD	BUY	ECONOMIC	07/07/2023	7x16H	FP	-27	MEAD230	175
296602	LD	BUY	ECONOMIC	07/07/2023	7x16H	FP	-4	MEAD230	177.5
296604	LD	BUY	ECONOMIC	07/07/2023	6x8 (Superpeak)	FP	-12	MEAD230	292.94
296606	LD	BUY	ECONOMIC	07/07/2023	7x16H	FP	-8	MEAD230	168
296608	LD	BUY	ECONOMIC	07/07/2023	7x16H	FP	-4	MEAD230	222
296644	LD	BUY	ECONOMIC	07/07/2023	7x16H	FP	-2	MEAD230	170.63
293865	Term	BUY	ECONOMIC	07/07/2023	7x16H	FP	800	PALOVERDE500	290
293866	Term	BUY	ECONOMIC	07/07/2023	7x16H	FP	800	MEAD230	298
293871	Term	BUY	ECONOMIC	07/07/2023	7x16H	FP	400	MEAD230	339.5
293873	Term	BUY	ECONOMIC	07/07/2023	7x 1-6, 15-24	FP	1600	MEAD230	126.97
294924	Term	BUY	ECONOMIC	07/07/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294932	Term	BUY	ECONOMIC	07/07/2023	7x 1-6, 15-24	FP	800	MEAD230	126.97
295556	Term	BUY	ECONOMIC	07/07/2023	7x 1-6, 15-24	FP	1600	MEAD230	126.97
296605	LD	BUY	ECONOMIC	07/07/2023	7x 1-6, 15-24	FP	-21	MEAD230	120.26
296609	LD	BUY	ECONOMIC	07/07/2023	7x16H	FP	-18	MEAD230	298
296596	RT	SELL	ECONOMIC	07/07/2023	Hourly	FP	200	M345	15
296597	RT	SELL	ECONOMIC	07/07/2023	Hourly	FP	100	MEAD230	40
293875	Term	BUY	ECONOMIC	07/07/2023	7x16H	FP	3200	MEAD230	258.4
293876	Term	BUY	ECONOMIC	07/07/2023	Heavy Load	FP	400	PALOVERDE500	73.81
294394	Term	BUY	ECONOMIC	07/07/2023	7x8 (15-22)	FP	400	MCCULLOUG500	298.53
294395	Term	BUY	ECONOMIC	07/07/2023	7x8 (15-22)	FP	400	PALOVERDE500	298.53
294928	Term	BUY	ECONOMIC	07/07/2023	7x16H	FP	400	MCCULLOUG500	155
294931	Term	BUY	ECONOMIC	07/07/2023	7x16H	FP	1600	MCCULLOUG500	295
294934	Term	BUY	ECONOMIC	07/07/2023	7x16H	FP	400	MEAD230	297
294935	Term	BUY	ECONOMIC	07/07/2023	Heavy Load	FP	800	REDB	81.4
294937	Term	BUY	ECONOMIC	07/07/2023	7x16H	FP	800	MEAD230	221
295006	Term	BUY	ECONOMIC	07/07/2023	7x16H	FP	800	MCCULLOUG500	295
296607	LD	BUY	ECONOMIC	07/07/2023	7x16H	FP	-13	MEAD230	258.4
296610	LD	BUY	ECONOMIC	07/07/2023	7x16H	FP	-17	MCCULLOUG500	155
274046	Term	BUY	ECONOMIC	07/08/2023	Hourly	FP	120	MEAD230	41.99
282862	Term	BUY	ECONOMIC	07/08/2023	6x8 (Superpeak)	FP	800	MEAD230	292.94
283775	Term	BUY	ECONOMIC	07/08/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	07/08/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284622	Term	BUY	ECONOMIC	07/08/2023	7x16H	FP	800	MEAD230	235.45
284623	Term	BUY	ECONOMIC	07/08/2023	7x16H	FP	800	MEAD230	225.45

284627	Term	BUY	ECONOMIC	07/08/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	07/08/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	07/08/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	07/08/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	07/08/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	07/08/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	07/08/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	07/08/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	07/08/2023	7x16H	FP	800	MEAD230	222
293865	Term	BUY	ECONOMIC	07/08/2023	7x16H	FP	800	PALOVERDE500	290
293866	Term	BUY	ECONOMIC	07/08/2023	7x16H	FP	800	MEAD230	298
293871	Term	BUY	ECONOMIC	07/08/2023	7x16H	FP	400	MEAD230	339.5
293873	Term	BUY	ECONOMIC	07/08/2023	7x 1-6, 15-24	FP	1600	MEAD230	121.81
294924	Term	BUY	ECONOMIC	07/08/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294932	Term	BUY	ECONOMIC	07/08/2023	7x 1-6, 15-24	FP	800	MEAD230	121.81
295556	Term	BUY	ECONOMIC	07/08/2023	7x 1-6, 15-24	FP	1600	MEAD230	121.81
296623	LD	BUY	ECONOMIC	07/08/2023	7x16H	FP	-89	MEAD230	298
296600	DA	SELL	ECONOMIC	07/08/2023	Hourly	FP	300	MEAD230	15.46
296611	RT	SELL	ECONOMIC	07/08/2023	Hourly	FP	125	NAVAJO500	40
296616	RT	SELL	ECONOMIC	07/08/2023	Hourly	FP	45	NAVAJO500	35
296617	RT	SELL	ECONOMIC	07/08/2023	Hourly	FP	470	NAVAJO500	70
293875	Term	BUY	ECONOMIC	07/08/2023	7x16H	FP	3200	MEAD230	258.4
293876	Term	BUY	ECONOMIC	07/08/2023	Heavy Load	FP	400	PALOVERDE500	73.81
294394	Term	BUY	ECONOMIC	07/08/2023	7x8 (15-22)	FP	400	MCCULLOUG500	298.53
294395	Term	BUY	ECONOMIC	07/08/2023	7x8 (15-22)	FP	400	PALOVERDE500	298.53
294928	Term	BUY	ECONOMIC	07/08/2023	7x16H	FP	400	MCCULLOUG500	155
294931	Term	BUY	ECONOMIC	07/08/2023	7x16H	FP	1600	MCCULLOUG500	295
294934	Term	BUY	ECONOMIC	07/08/2023	7x16H	FP	400	MEAD230	297
294935	Term	BUY	ECONOMIC	07/08/2023	Heavy Load	FP	800	REDB	81.4
294937	Term	BUY	ECONOMIC	07/08/2023	7x16H	FP	800	MEAD230	221
295006	Term	BUY	ECONOMIC	07/08/2023	7x16H	FP	800	MCCULLOUG500	295
296622	LD	BUY	ECONOMIC	07/08/2023	7x16H	FP	-12	MCCULLOUG500	155
296624	RT	SELL	ECONOMIC	07/08/2023	Hourly	FP	20	MEAD230	55
296625	RT	SELL	ECONOMIC	07/08/2023	Hourly	FP	75	NAVAJO500	50
274046	Term	BUY	ECONOMIC	07/09/2023	Hourly	FP	120	MEAD230	41.99
283775	Term	BUY	ECONOMIC	07/09/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	07/09/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284622	Term	BUY	ECONOMIC	07/09/2023	7x16H	FP	800	MEAD230	235.45
284623	Term	BUY	ECONOMIC	07/09/2023	7x16H	FP	800	MEAD230	225.45
284627	Term	BUY	ECONOMIC	07/09/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	07/09/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	07/09/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	07/09/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	07/09/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	07/09/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	07/09/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	07/09/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	07/09/2023	7x16H	FP	800	MEAD230	222

293865	Term	BUY	ECONOMIC	07/09/2023	7x16H	FP	800	PALOVERDE500	290
293866	Term	BUY	ECONOMIC	07/09/2023	7x16H	FP	800	MEAD230	298
293871	Term	BUY	ECONOMIC	07/09/2023	7x16H	FP	400	MEAD230	339.5
293873	Term	BUY	ECONOMIC	07/09/2023	7x 1-6, 15-24	FP	1600	MEAD230	122.55
294924	Term	BUY	ECONOMIC	07/09/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294932	Term	BUY	ECONOMIC	07/09/2023	7x 1-6, 15-24	FP	800	MEAD230	122.55
295556	Term	BUY	ECONOMIC	07/09/2023	7x 1-6, 15-24	FP	1600	MEAD230	122.55
296637	LD	BUY	ECONOMIC	07/09/2023	7x16H	FP	-97	MEAD230	298
293875	Term	BUY	ECONOMIC	07/09/2023	7x16H	FP	3200	MEAD230	258.4
294394	Term	BUY	ECONOMIC	07/09/2023	7x8 (15-22)	FP	400	MCCULLOUG500	298.53
294395	Term	BUY	ECONOMIC	07/09/2023	7x8 (15-22)	FP	400	PALOVERDE500	298.53
294928	Term	BUY	ECONOMIC	07/09/2023	7x16H	FP	400	MCCULLOUG500	155
294931	Term	BUY	ECONOMIC	07/09/2023	7x16H	FP	1600	MCCULLOUG500	295
294934	Term	BUY	ECONOMIC	07/09/2023	7x16H	FP	400	MEAD230	297
294937	Term	BUY	ECONOMIC	07/09/2023	7x16H	FP	800	MEAD230	221
295006	Term	BUY	ECONOMIC	07/09/2023	7x16H	FP	800	MCCULLOUG500	295
296640	LD	BUY	ECONOMIC	07/09/2023	7x16H	FP	-56	MCCULLOUG500	155
296631	RT	SELL	RELIABILITY	07/09/2023	Hourly	FP	90	NAVAJO500	8
296632	RT	SELL	RELIABILITY	07/09/2023	Hourly	FP	200	MEAD230	35
296633	RT	SELL	RELIABILITY	07/09/2023	Hourly	FP	60	M345	2
296638	RT	SELL	ECONOMIC	07/09/2023	Hourly	FP	50	NAVAJO500	53
274046	Term	BUY	ECONOMIC	07/10/2023	Hourly	FP	120	MEAD230	41.99
282862	Term	BUY	ECONOMIC	07/10/2023	6x8 (Superpeak)	FP	800	MEAD230	292.94
283775	Term	BUY	ECONOMIC	07/10/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	07/10/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284622	Term	BUY	ECONOMIC	07/10/2023	7x16H	FP	800	MEAD230	235.45
284623	Term	BUY	ECONOMIC	07/10/2023	7x16H	FP	800	MEAD230	225.45
284627	Term	BUY	ECONOMIC	07/10/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	07/10/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	07/10/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	07/10/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	07/10/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	07/10/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	07/10/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	07/10/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	07/10/2023	7x16H	FP	800	MEAD230	222
293865	Term	BUY	ECONOMIC	07/10/2023	7x16H	FP	800	PALOVERDE500	290
293866	Term	BUY	ECONOMIC	07/10/2023	7x16H	FP	800	MEAD230	298
293871	Term	BUY	ECONOMIC	07/10/2023	7x16H	FP	400	MEAD230	339.5
293873	Term	BUY	ECONOMIC	07/10/2023	7x 1-6, 15-24	FP	1600	MEAD230	133.72
294924	Term	BUY	ECONOMIC	07/10/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294932	Term	BUY	ECONOMIC	07/10/2023	7x 1-6, 15-24	FP	800	MEAD230	133.72
295556	Term	BUY	ECONOMIC	07/10/2023	7x 1-6, 15-24	FP	1600	MEAD230	133.72
296646	RT	SELL	ECONOMIC	07/10/2023	Hourly	FP	80	NAVAJO500	36
296650	RT	SELL	ECONOMIC	07/10/2023	Hourly	FP	45	NAVAJO500	55
296653	RT	SELL	ECONOMIC	07/10/2023	Hourly	FP	5	MEAD230	55
296654	RT	SELL	ECONOMIC	07/10/2023	Hourly	FP	5	MEAD230	65
293875	Term	BUY	ECONOMIC	07/10/2023	7x16H	FP	3200	MEAD230	258.4

293876	Term	BUY	ECONOMIC	07/10/2023	Heavy Load	FP	400	PALOVERDE500	86.19
294394	Term	BUY	ECONOMIC	07/10/2023	7x8 (15-22)	FP	400	MCCULLOUG500	298.53
294395	Term	BUY	ECONOMIC	07/10/2023	7x8 (15-22)	FP	400	PALOVERDE500	298.53
294928	Term	BUY	ECONOMIC	07/10/2023	7x16H	FP	400	MCCULLOUG500	155
294931	Term	BUY	ECONOMIC	07/10/2023	7x16H	FP	1600	MCCULLOUG500	295
294934	Term	BUY	ECONOMIC	07/10/2023	7x16H	FP	400	MEAD230	297
294935	Term	BUY	ECONOMIC	07/10/2023	Heavy Load	FP	800	REDB	92.12
294937	Term	BUY	ECONOMIC	07/10/2023	7x16H	FP	800	MEAD230	221
295006	Term	BUY	ECONOMIC	07/10/2023	7x16H	FP	800	MCCULLOUG500	295
296661	LD	BUY	ECONOMIC	07/10/2023	7x16H	FP	-7	MCCULLOUG500	155
296641	RT	SELL	ECONOMIC	07/10/2023	Hourly	FP	300	MEAD230	50
296657	RT	SELL	ECONOMIC	07/10/2023	Hourly	FP	100	MEAD230	65
296658	RT	SELL	ECONOMIC	07/10/2023	Hourly	FP	100	MEAD230	65
274046	Term	BUY	ECONOMIC	07/11/2023	Hourly	FP	120	MEAD230	41.99
282862	Term	BUY	ECONOMIC	07/11/2023	6x8 (Superpeak)	FP	800	MEAD230	292.94
283775	Term	BUY	ECONOMIC	07/11/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	07/11/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284622	Term	BUY	ECONOMIC	07/11/2023	7x16H	FP	800	MEAD230	235.45
284623	Term	BUY	ECONOMIC	07/11/2023	7x16H	FP	800	MEAD230	225.45
284627	Term	BUY	ECONOMIC	07/11/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	07/11/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	07/11/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	07/11/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	07/11/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	07/11/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	07/11/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	07/11/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	07/11/2023	7x16H	FP	800	MEAD230	222
296664	LD	BUY	ECONOMIC	07/11/2023	7x16H	FP	-25	MEAD230	177.5
296665	LD	BUY	ECONOMIC	07/11/2023	7x16H	FP	-20	MEAD230	168
293865	Term	BUY	ECONOMIC	07/11/2023	7x16H	FP	800	PALOVERDE500	290
293866	Term	BUY	ECONOMIC	07/11/2023	7x16H	FP	800	MEAD230	298
293871	Term	BUY	ECONOMIC	07/11/2023	7x16H	FP	400	MEAD230	339.5
293873	Term	BUY	ECONOMIC	07/11/2023	7x 1-6, 15-24	FP	1600	MEAD230	139.6
294924	Term	BUY	ECONOMIC	07/11/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294932	Term	BUY	ECONOMIC	07/11/2023	7x 1-6, 15-24	FP	800	MEAD230	139.6
295556	Term	BUY	ECONOMIC	07/11/2023	7x 1-6, 15-24	FP	1600	MEAD230	139.6
296666	LD	BUY	ECONOMIC	07/11/2023	7x 1-6, 15-24	FP	-100	MEAD230	285
293875	Term	BUY	ECONOMIC	07/11/2023	7x16H	FP	3200	MEAD230	258.4
293876	Term	BUY	ECONOMIC	07/11/2023	Heavy Load	FP	400	PALOVERDE500	102.25
294394	Term	BUY	ECONOMIC	07/11/2023	7x8 (15-22)	FP	400	MCCULLOUG500	298.53
294395	Term	BUY	ECONOMIC	07/11/2023	7x8 (15-22)	FP	400	PALOVERDE500	298.53
294928	Term	BUY	ECONOMIC	07/11/2023	7x16H	FP	400	MCCULLOUG500	155
294931	Term	BUY	ECONOMIC	07/11/2023	7x16H	FP	1600	MCCULLOUG500	295
294934	Term	BUY	ECONOMIC	07/11/2023	7x16H	FP	400	MEAD230	297
294935	Term	BUY	ECONOMIC	07/11/2023	Heavy Load	FP	800	REDB	109.87
294937	Term	BUY	ECONOMIC	07/11/2023	7x16H	FP	800	MEAD230	221
295006	Term	BUY	ECONOMIC	07/11/2023	7x16H	FP	800	MCCULLOUG500	295

274046	Term	BUY	ECONOMIC	07/12/2023	Hourly	FP	120	MEAD230	41.99
282862	Term	BUY	ECONOMIC	07/12/2023	6x8 (Superpeak)	FP	800	MEAD230	292.94
283775	Term	BUY	ECONOMIC	07/12/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	07/12/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284622	Term	BUY	ECONOMIC	07/12/2023	7x16H	FP	800	MEAD230	235.45
284623	Term	BUY	ECONOMIC	07/12/2023	7x16H	FP	800	MEAD230	225.45
284627	Term	BUY	ECONOMIC	07/12/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	07/12/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	07/12/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	07/12/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	07/12/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	07/12/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	07/12/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	07/12/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	07/12/2023	7x16H	FP	800	MEAD230	222
293865	Term	BUY	ECONOMIC	07/12/2023	7x16H	FP	800	PALOVERDE500	290
293866	Term	BUY	ECONOMIC	07/12/2023	7x16H	FP	800	MEAD230	298
293871	Term	BUY	ECONOMIC	07/12/2023	7x16H	FP	400	MEAD230	339.5
293873	Term	BUY	ECONOMIC	07/12/2023	7x 1-6, 15-24	FP	1600	MEAD230	142.05
294924	Term	BUY	ECONOMIC	07/12/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294932	Term	BUY	ECONOMIC	07/12/2023	7x 1-6, 15-24	FP	800	MEAD230	142.05
295556	Term	BUY	ECONOMIC	07/12/2023	7x 1-6, 15-24	FP	1600	MEAD230	142.05
296670	RT	SELL	ECONOMIC	07/12/2023	Hourly	FP	200	NAVAJO500	43
293875	Term	BUY	ECONOMIC	07/12/2023	7x16H	FP	3200	MEAD230	258.4
293876	Term	BUY	ECONOMIC	07/12/2023	Heavy Load	FP	400	PALOVERDE500	103.93
294394	Term	BUY	ECONOMIC	07/12/2023	7x8 (15-22)	FP	400	MCCULLOUG500	298.53
294395	Term	BUY	ECONOMIC	07/12/2023	7x8 (15-22)	FP	400	PALOVERDE500	298.53
294928	Term	BUY	ECONOMIC	07/12/2023	7x16H	FP	400	MCCULLOUG500	155
294931	Term	BUY	ECONOMIC	07/12/2023	7x16H	FP	1600	MCCULLOUG500	295
294934	Term	BUY	ECONOMIC	07/12/2023	7x16H	FP	400	MEAD230	297
294935	Term	BUY	ECONOMIC	07/12/2023	Heavy Load	FP	800	REDB	110.24
294937	Term	BUY	ECONOMIC	07/12/2023	7x16H	FP	800	MEAD230	221
295006	Term	BUY	ECONOMIC	07/12/2023	7x16H	FP	800	MCCULLOUG500	295
296667	LD	BUY	ECONOMIC	07/12/2023	Heavy Load	FP	-50	REDB	110.24
296674	LD	BUY	ECONOMIC	07/12/2023	7x16H	FP	-1	MCCULLOUG500	155
274046	Term	BUY	ECONOMIC	07/13/2023	Hourly	FP	120	MEAD230	41.99
282862	Term	BUY	ECONOMIC	07/13/2023	6x8 (Superpeak)	FP	800	MEAD230	292.94
283775	Term	BUY	ECONOMIC	07/13/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	07/13/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284622	Term	BUY	ECONOMIC	07/13/2023	7x16H	FP	800	MEAD230	235.45
284623	Term	BUY	ECONOMIC	07/13/2023	7x16H	FP	800	MEAD230	225.45
284627	Term	BUY	ECONOMIC	07/13/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	07/13/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	07/13/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	07/13/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	07/13/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	07/13/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	07/13/2023	7x16H	FP	400	MEAD230	177.5

284634	Term	BUY	ECONOMIC	07/13/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	07/13/2023	7x16H	FP	800	MEAD230	222
293865	Term	BUY	ECONOMIC	07/13/2023	7x16H	FP	800	PALOVERDE500	290
293866	Term	BUY	ECONOMIC	07/13/2023	7x16H	FP	800	MEAD230	298
293871	Term	BUY	ECONOMIC	07/13/2023	7x16H	FP	400	MEAD230	339.5
293873	Term	BUY	ECONOMIC	07/13/2023	7x 1-6, 15-24	FP	1600	MEAD230	142.87
294924	Term	BUY	ECONOMIC	07/13/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294932	Term	BUY	ECONOMIC	07/13/2023	7x 1-6, 15-24	FP	800	MEAD230	142.87
295556	Term	BUY	ECONOMIC	07/13/2023	7x 1-6, 15-24	FP	1600	MEAD230	142.87
296675	RT	SELL	ECONOMIC	07/13/2023	Hourly	FP	50	MEAD230	40
296679	RT	SELL	ECONOMIC	07/13/2023	Hourly	FP	100	MEAD230	50
296686	RT	SELL	ECONOMIC	07/13/2023	Hourly	FP	79	MEAD230	60
293875	Term	BUY	ECONOMIC	07/13/2023	7x16H	FP	3200	MEAD230	258.4
293876	Term	BUY	ECONOMIC	07/13/2023	Heavy Load	FP	400	PALOVERDE500	104.77
294394	Term	BUY	ECONOMIC	07/13/2023	7x8 (15-22)	FP	400	MCCULLOUG500	298.53
294395	Term	BUY	ECONOMIC	07/13/2023	7x8 (15-22)	FP	400	PALOVERDE500	298.53
294928	Term	BUY	ECONOMIC	07/13/2023	7x16H	FP	400	MCCULLOUG500	155
294931	Term	BUY	ECONOMIC	07/13/2023	7x16H	FP	1600	MCCULLOUG500	295
294934	Term	BUY	ECONOMIC	07/13/2023	7x16H	FP	400	MEAD230	297
294935	Term	BUY	ECONOMIC	07/13/2023	Heavy Load	FP	800	REDB	112.82
294937	Term	BUY	ECONOMIC	07/13/2023	7x16H	FP	800	MEAD230	221
295006	Term	BUY	ECONOMIC	07/13/2023	7x16H	FP	800	MCCULLOUG500	295
296690	LD	BUY	ECONOMIC	07/13/2023	7x16H	FP	-37	MCCULLOUG500	155
274046	Term	BUY	ECONOMIC	07/14/2023	Hourly	FP	120	MEAD230	41.99
282862	Term	BUY	ECONOMIC	07/14/2023	6x8 (Superpeak)	FP	800	MEAD230	292.94
283775	Term	BUY	ECONOMIC	07/14/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	07/14/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284622	Term	BUY	ECONOMIC	07/14/2023	7x16H	FP	800	MEAD230	235.45
284623	Term	BUY	ECONOMIC	07/14/2023	7x16H	FP	800	MEAD230	225.45
284627	Term	BUY	ECONOMIC	07/14/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	07/14/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	07/14/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	07/14/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	07/14/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	07/14/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	07/14/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	07/14/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	07/14/2023	7x16H	FP	800	MEAD230	222
293865	Term	BUY	ECONOMIC	07/14/2023	7x16H	FP	800	PALOVERDE500	290
293866	Term	BUY	ECONOMIC	07/14/2023	7x16H	FP	800	MEAD230	298
293871	Term	BUY	ECONOMIC	07/14/2023	7x16H	FP	400	MEAD230	339.5
293873	Term	BUY	ECONOMIC	07/14/2023	7x 1-6, 15-24	FP	1600	MEAD230	167.82
294924	Term	BUY	ECONOMIC	07/14/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294932	Term	BUY	ECONOMIC	07/14/2023	7x 1-6, 15-24	FP	800	MEAD230	167.82
295556	Term	BUY	ECONOMIC	07/14/2023	7x 1-6, 15-24	FP	1600	MEAD230	167.82
296687	DA	BUY	ECONOMIC	07/14/2023	Hourly	FP	425	ELDORADO230	95.62
296688	DA	BUY	ECONOMIC	07/14/2023	Hourly	FP	425	MCCULLOUG500	95.62
296689	DA	BUY	ECONOMIC	07/14/2023	Hourly	FP	550	MEAD230	96.5

296715	LD	BUY	ECONOMIC	07/14/2023	7x16H	FP	-50	MEAD230	298
296694	RT	SELL	ECONOMIC	07/14/2023	Hourly	FP	100	MEAD230	35
296695	RT	SELL	ECONOMIC	07/14/2023	Hourly	FP	100	M345	35
296696	RT	SELL	ECONOMIC	07/14/2023	Hourly	FP	100	M345	35
296697	RT	SELL	ECONOMIC	07/14/2023	Hourly	FP	65	NAVAJO500	36
293875	Term	BUY	ECONOMIC	07/14/2023	7x16H	FP	3200	MEAD230	258.4
293876	Term	BUY	ECONOMIC	07/14/2023	Heavy Load	FP	400	PALOVERDE500	122.32
294394	Term	BUY	ECONOMIC	07/14/2023	7x8 (15-22)	FP	400	MCCULLOUG500	298.53
294395	Term	BUY	ECONOMIC	07/14/2023	7x8 (15-22)	FP	400	PALOVERDE500	298.53
294928	Term	BUY	ECONOMIC	07/14/2023	7x16H	FP	400	MCCULLOUG500	155
294931	Term	BUY	ECONOMIC	07/14/2023	7x16H	FP	1600	MCCULLOUG500	295
294934	Term	BUY	ECONOMIC	07/14/2023	7x16H	FP	400	MEAD230	297
294935	Term	BUY	ECONOMIC	07/14/2023	Heavy Load	FP	800	REDB	128.93
294937	Term	BUY	ECONOMIC	07/14/2023	7x16H	FP	800	MEAD230	221
295006	Term	BUY	ECONOMIC	07/14/2023	7x16H	FP	800	MCCULLOUG500	295
296720	LD	BUY	ECONOMIC	07/14/2023	7x16H	FP	-28	MCCULLOUG500	155
296707	RT	SELL	ECONOMIC	07/14/2023	Hourly	FP	77	MEAD230	50
296708	RT	SELL	ECONOMIC	07/14/2023	Hourly	FP	318	MEAD230	50
296711	RT	SELL	ECONOMIC	07/14/2023	Hourly	FP	25	NAVAJO500	62
274046	Term	BUY	ECONOMIC	07/15/2023	Hourly	FP	120	MEAD230	41.99
282862	Term	BUY	ECONOMIC	07/15/2023	6x8 (Superpeak)	FP	800	MEAD230	292.94
283775	Term	BUY	ECONOMIC	07/15/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	07/15/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284622	Term	BUY	ECONOMIC	07/15/2023	7x16H	FP	800	MEAD230	235.45
284623	Term	BUY	ECONOMIC	07/15/2023	7x16H	FP	800	MEAD230	225.45
284627	Term	BUY	ECONOMIC	07/15/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	07/15/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	07/15/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	07/15/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	07/15/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	07/15/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	07/15/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	07/15/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	07/15/2023	7x16H	FP	800	MEAD230	222
293865	Term	BUY	ECONOMIC	07/15/2023	7x16H	FP	800	PALOVERDE500	290
293866	Term	BUY	ECONOMIC	07/15/2023	7x16H	FP	800	MEAD230	298
293871	Term	BUY	ECONOMIC	07/15/2023	7x16H	FP	400	MEAD230	339.5
293873	Term	BUY	ECONOMIC	07/15/2023	7x 1-6, 15-24	FP	1600	MEAD230	171.72
294924	Term	BUY	ECONOMIC	07/15/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294932	Term	BUY	ECONOMIC	07/15/2023	7x 1-6, 15-24	FP	800	MEAD230	171.72
295556	Term	BUY	ECONOMIC	07/15/2023	7x 1-6, 15-24	FP	1600	MEAD230	171.72
296712	DA	BUY	ECONOMIC	07/15/2023	Hourly	FP	750	ELDORADO230	117.23
296713	DA	BUY	ECONOMIC	07/15/2023	Hourly	FP	750	MCCULLOUG500	117.23
296714	DA	BUY	ECONOMIC	07/15/2023	Hourly	FP	800	MEAD230	114.2
296737	LD	BUY	ECONOMIC	07/15/2023	7x16H	FP	-2	MEAD230	298
293875	Term	BUY	ECONOMIC	07/15/2023	7x16H	FP	3200	MEAD230	258.4
293876	Term	BUY	ECONOMIC	07/15/2023	Heavy Load	FP	400	PALOVERDE500	122.32
294394	Term	BUY	ECONOMIC	07/15/2023	7x8 (15-22)	FP	400	MCCULLOUG500	298.53

294395	Term	BUY	ECONOMIC	07/15/2023	7x8 (15-22)	FP	400	PALOVERDE500	298.53
294928	Term	BUY	ECONOMIC	07/15/2023	7x16H	FP	400	MCCULLOUG500	155
294931	Term	BUY	ECONOMIC	07/15/2023	7x16H	FP	1600	MCCULLOUG500	295
294934	Term	BUY	ECONOMIC	07/15/2023	7x16H	FP	400	MEAD230	297
294935	Term	BUY	ECONOMIC	07/15/2023	Heavy Load	FP	800	REDB	128.93
294937	Term	BUY	ECONOMIC	07/15/2023	7x16H	FP	800	MEAD230	221
295006	Term	BUY	ECONOMIC	07/15/2023	7x16H	FP	800	MCCULLOUG500	295
296736	LD	BUY	ECONOMIC	07/15/2023	7x16H	FP	-23	MCCULLOUG500	155
296724	RT	SELL	ECONOMIC	07/15/2023	Hourly	FP	56	M345	40
296729	RT	SELL	ECONOMIC	07/15/2023	Hourly	FP	26	MEAD230	60
296730	RT	SELL	ECONOMIC	07/15/2023	Hourly	FP	75	HILLTOP345	75
296731	RT	SELL	ECONOMIC	07/15/2023	Hourly	FP	75	HILLTOP345	75
296738	RT	SELL	ECONOMIC	07/16/2023	Hourly	FP	60	NAVAJO500	37
296739	RT	SELL	ECONOMIC	07/16/2023	Hourly	FP	100	MEAD230	15
296740	RT	SELL	ECONOMIC	07/16/2023	Hourly	FP	80	MEAD230	15
296741	RT	SELL	ECONOMIC	07/16/2023	Hourly	FP	70	MEAD230	15
296777	RT	BUY	ECONOMIC	07/16/2023	Hourly	FP	100	MEAD230	130
296779	RT	BUY	ECONOMIC	07/16/2023	Hourly	FP	250	MEAD230	110
274046	Term	BUY	ECONOMIC	07/16/2023	Hourly	FP	120	MEAD230	41.99
283775	Term	BUY	ECONOMIC	07/16/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	07/16/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284622	Term	BUY	ECONOMIC	07/16/2023	7x16H	FP	800	MEAD230	235.45
284623	Term	BUY	ECONOMIC	07/16/2023	7x16H	FP	800	MEAD230	225.45
284627	Term	BUY	ECONOMIC	07/16/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	07/16/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	07/16/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	07/16/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	07/16/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	07/16/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	07/16/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	07/16/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	07/16/2023	7x16H	FP	800	MEAD230	222
293865	Term	BUY	ECONOMIC	07/16/2023	7x16H	FP	800	PALOVERDE500	290
293866	Term	BUY	ECONOMIC	07/16/2023	7x16H	FP	800	MEAD230	298
293871	Term	BUY	ECONOMIC	07/16/2023	7x16H	FP	400	MEAD230	339.5
293873	Term	BUY	ECONOMIC	07/16/2023	7x 1-6, 15-24	FP	1600	MEAD230	176.49
294924	Term	BUY	ECONOMIC	07/16/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294932	Term	BUY	ECONOMIC	07/16/2023	7x 1-6, 15-24	FP	800	MEAD230	176.49
295556	Term	BUY	ECONOMIC	07/16/2023	7x 1-6, 15-24	FP	1600	MEAD230	176.49
296721	DA	BUY	ECONOMIC	07/16/2023	Hourly	FP	775	ELDORADO230	130.27
296722	DA	BUY	ECONOMIC	07/16/2023	Hourly	FP	775	MCCULLOUG500	132.03
296723	DA	BUY	ECONOMIC	07/16/2023	Hourly	FP	750	MEAD230	131.79
293875	Term	BUY	ECONOMIC	07/16/2023	7x16H	FP	3200	MEAD230	258.4
294394	Term	BUY	ECONOMIC	07/16/2023	7x8 (15-22)	FP	400	MCCULLOUG500	298.53
294395	Term	BUY	ECONOMIC	07/16/2023	7x8 (15-22)	FP	400	PALOVERDE500	298.53
294928	Term	BUY	ECONOMIC	07/16/2023	7x16H	FP	400	MCCULLOUG500	155
294931	Term	BUY	ECONOMIC	07/16/2023	7x16H	FP	1600	MCCULLOUG500	295
294934	Term	BUY	ECONOMIC	07/16/2023	7x16H	FP	400	MEAD230	297

294937	Term	BUY	ECONOMIC	07/16/2023	7x16H	FP	800	MEAD230	221
295006	Term	BUY	ECONOMIC	07/16/2023	7x16H	FP	800	MCCULLOUG500	295
296753	LD	BUY	ECONOMIC	07/16/2023	7x16H	FP	-126	MCCULLOUG500	155
296782	LD	BUY	ECONOMIC	07/16/2023	7x16H	FP	-27	MCCULLOUG500	155
296750	RT	BUY	ECONOMIC	07/16/2023	Hourly	FP	494	MCCULLOUG500	335
296751	RT	BUY	ECONOMIC	07/16/2023	Hourly	FP	284	MEAD230	335
296752	RT	BUY	ECONOMIC	07/16/2023	Hourly	FP	500	MEAD230	300
296758	RT	BUY	ECONOMIC	07/16/2023	Hourly	FP	800	MEAD230	600
296762	RT	BUY	ECONOMIC	07/16/2023	Hourly	FP	358	MEAD230	225
296763	RT	BUY	ECONOMIC	07/16/2023	Hourly	FP	661	M345	225
296770	RT	BUY	ECONOMIC	07/16/2023	Hourly	FP	200	MEAD230	320
274046	Term	BUY	ECONOMIC	07/17/2023	Hourly	FP	120	MEAD230	41.99
282862	Term	BUY	ECONOMIC	07/17/2023	6x8 (Superpeak)	FP	800	MEAD230	292.94
283775	Term	BUY	ECONOMIC	07/17/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	07/17/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284622	Term	BUY	ECONOMIC	07/17/2023	7x16H	FP	800	MEAD230	235.45
284623	Term	BUY	ECONOMIC	07/17/2023	7x16H	FP	800	MEAD230	225.45
284627	Term	BUY	ECONOMIC	07/17/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	07/17/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	07/17/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	07/17/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	07/17/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	07/17/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	07/17/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	07/17/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	07/17/2023	7x16H	FP	800	MEAD230	222
293865	Term	BUY	ECONOMIC	07/17/2023	7x16H	FP	800	PALOVERDE500	290
293866	Term	BUY	ECONOMIC	07/17/2023	7x16H	FP	800	MEAD230	298
293871	Term	BUY	ECONOMIC	07/17/2023	7x16H	FP	400	MEAD230	339.5
293873	Term	BUY	ECONOMIC	07/17/2023	7x 1-6, 15-24	FP	1600	MEAD230	185.02
294924	Term	BUY	ECONOMIC	07/17/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294932	Term	BUY	ECONOMIC	07/17/2023	7x 1-6, 15-24	FP	800	MEAD230	185.02
295556	Term	BUY	ECONOMIC	07/17/2023	7x 1-6, 15-24	FP	1600	MEAD230	185.02
296759	DA	BUY	ECONOMIC	07/17/2023	Hourly	FP	1225	ELDORADO230	150.4
296760	DA	BUY	ECONOMIC	07/17/2023	Hourly	FP	625	MCCULLOUG500	150.41
296761	DA	BUY	ECONOMIC	07/17/2023	Hourly	FP	1250	MEAD230	148.66
296783	RT	BUY	ECONOMIC	07/17/2023	Hourly	FP	1060	MEAD230	73.99
296787	RT	BUY	ECONOMIC	07/17/2023	Hourly	FP	10	MEAD230	115
296789	RT	BUY	ECONOMIC	07/17/2023	Hourly	FP	250	MEAD230	275
296791	RT	BUY	ECONOMIC	07/17/2023	Hourly	FP	200	MEAD230	275
296792	RT	BUY	ECONOMIC	07/17/2023	Hourly	FP	300	MEAD230	260
296798	RT	BUY	ECONOMIC	07/17/2023	Hourly	FP	340	MEAD230	290
296803	RT	BUY	ECONOMIC	07/17/2023	Hourly	FP	19	M345	225
296804	RT	BUY	ECONOMIC	07/17/2023	Hourly	FP	131	MEAD230	225
296807	LD	BUY	ECONOMIC	07/17/2023	Hourly	FP	-16	MEAD230	290
293875	Term	BUY	ECONOMIC	07/17/2023	7x16H	FP	3200	MEAD230	258.4
293876	Term	BUY	ECONOMIC	07/17/2023	Heavy Load	FP	400	PALOVERDE500	164.47
294394	Term	BUY	ECONOMIC	07/17/2023	7x8 (15-22)	FP	400	MCCULLOUG500	298.53

294395	Term	BUY	ECONOMIC	07/17/2023	7x8 (15-22)	FP	400	PALOVERDE500	298.53
294928	Term	BUY	ECONOMIC	07/17/2023	7x16H	FP	400	MCCULLOUG500	155
294931	Term	BUY	ECONOMIC	07/17/2023	7x16H	FP	1600	MCCULLOUG500	295
294934	Term	BUY	ECONOMIC	07/17/2023	7x16H	FP	400	MEAD230	297
294935	Term	BUY	ECONOMIC	07/17/2023	Heavy Load	FP	800	REDB	170.73
294937	Term	BUY	ECONOMIC	07/17/2023	7x16H	FP	800	MEAD230	221
295006	Term	BUY	ECONOMIC	07/17/2023	7x16H	FP	800	MCCULLOUG500	295
296801	LD	BUY	ECONOMIC	07/17/2023	7x16H	FP	-17	MCCULLOUG500	295
274046	Term	BUY	ECONOMIC	07/18/2023	Hourly	FP	120	MEAD230	41.99
282862	Term	BUY	ECONOMIC	07/18/2023	6x8 (Superpeak)	FP	800	MEAD230	292.94
283775	Term	BUY	ECONOMIC	07/18/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	07/18/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284622	Term	BUY	ECONOMIC	07/18/2023	7x16H	FP	800	MEAD230	235.45
284623	Term	BUY	ECONOMIC	07/18/2023	7x16H	FP	800	MEAD230	225.45
284627	Term	BUY	ECONOMIC	07/18/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	07/18/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	07/18/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	07/18/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	07/18/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	07/18/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	07/18/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	07/18/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	07/18/2023	7x16H	FP	800	MEAD230	222
296820	LD	BUY	ECONOMIC	07/18/2023	7x16H	FP	-4	MEAD230	168
293865	Term	BUY	ECONOMIC	07/18/2023	7x16H	FP	800	PALOVERDE500	290
293866	Term	BUY	ECONOMIC	07/18/2023	7x16H	FP	800	MEAD230	298
293871	Term	BUY	ECONOMIC	07/18/2023	7x16H	FP	400	MEAD230	339.5
293873	Term	BUY	ECONOMIC	07/18/2023	7x 1-6, 15-24	FP	1600	MEAD230	249.52
294924	Term	BUY	ECONOMIC	07/18/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294932	Term	BUY	ECONOMIC	07/18/2023	7x 1-6, 15-24	FP	800	MEAD230	249.52
295556	Term	BUY	ECONOMIC	07/18/2023	7x 1-6, 15-24	FP	1600	MEAD230	249.52
296797	DA	BUY	ECONOMIC	07/18/2023	Hourly	FP	1700	ELDORADO230	132.86
296793	DA	BUY	ECONOMIC	07/18/2023	Hourly	FP	1700	MEAD230	381.07
296794	DA	BUY	ECONOMIC	07/18/2023	Hourly	FP	300	MCCULLOUG500	130.4
293875	Term	BUY	ECONOMIC	07/18/2023	7x16H	FP	3200	MEAD230	258.4
293876	Term	BUY	ECONOMIC	07/18/2023	Heavy Load	FP	400	PALOVERDE500	172.71
294394	Term	BUY	ECONOMIC	07/18/2023	7x8 (15-22)	FP	400	MCCULLOUG500	298.53
294395	Term	BUY	ECONOMIC	07/18/2023	7x8 (15-22)	FP	400	PALOVERDE500	298.53
294928	Term	BUY	ECONOMIC	07/18/2023	7x16H	FP	400	MCCULLOUG500	155
294931	Term	BUY	ECONOMIC	07/18/2023	7x16H	FP	1600	MCCULLOUG500	295
294934	Term	BUY	ECONOMIC	07/18/2023	7x16H	FP	400	MEAD230	297
294935	Term	BUY	ECONOMIC	07/18/2023	Heavy Load	FP	800	REDB	182.38
294937	Term	BUY	ECONOMIC	07/18/2023	7x16H	FP	800	MEAD230	221
295006	Term	BUY	ECONOMIC	07/18/2023	7x16H	FP	800	MCCULLOUG500	295
296815	LD	BUY	ECONOMIC	07/18/2023	7x16H	FP	-61	MCCULLOUG500	155
296818	RT	SELL	ECONOMIC	07/18/2023	Hourly	FP	40	MEAD230	120
296819	RT	SELL	ECONOMIC	07/18/2023	Hourly	FP	50	MEAD230	115
296808	DA	BUY	ECONOMIC	07/19/2023	Hourly	FP	350	ELDORADO230	119.99

296809	DA	BUY	ECONOMIC	07/19/2023	Hourly	FP	100	MCCULLOUGH500	135.38
296810	DA	BUY	ECONOMIC	07/19/2023	Hourly	FP	100	MEAD230	133.13
274046	Term	BUY	ECONOMIC	07/19/2023	Hourly	FP	120	MEAD230	41.99
282862	Term	BUY	ECONOMIC	07/19/2023	6x8 (Superpeak)	FP	800	MEAD230	292.94
283775	Term	BUY	ECONOMIC	07/19/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	07/19/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284622	Term	BUY	ECONOMIC	07/19/2023	7x16H	FP	800	MEAD230	235.45
284623	Term	BUY	ECONOMIC	07/19/2023	7x16H	FP	800	MEAD230	225.45
284627	Term	BUY	ECONOMIC	07/19/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	07/19/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	07/19/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	07/19/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	07/19/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	07/19/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	07/19/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	07/19/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	07/19/2023	7x16H	FP	800	MEAD230	222
296841	LD	BUY	ECONOMIC	07/19/2023	7x16H	FP	-25	MEAD230	235.45
296842	LD	BUY	ECONOMIC	07/19/2023	6x8 (Superpeak)	FP	-121	MEAD230	292.94
296845	LD	BUY	ECONOMIC	07/19/2023	7x16H	FP	-9	MEAD230	203
296846	LD	BUY	ECONOMIC	07/19/2023	Hourly	FP	-2	MEAD230	41.99
293865	Term	BUY	ECONOMIC	07/19/2023	7x16H	FP	800	PALOVERDE500	290
293866	Term	BUY	ECONOMIC	07/19/2023	7x16H	FP	800	MEAD230	298
293871	Term	BUY	ECONOMIC	07/19/2023	7x16H	FP	400	MEAD230	339.5
293873	Term	BUY	ECONOMIC	07/19/2023	7x 1-6, 15-24	FP	1600	MEAD230	173.23
294924	Term	BUY	ECONOMIC	07/19/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294932	Term	BUY	ECONOMIC	07/19/2023	7x 1-6, 15-24	FP	800	MEAD230	173.23
295556	Term	BUY	ECONOMIC	07/19/2023	7x 1-6, 15-24	FP	1600	MEAD230	173.23
293875	Term	BUY	ECONOMIC	07/19/2023	7x16H	FP	3200	MEAD230	258.4
293876	Term	BUY	ECONOMIC	07/19/2023	Heavy Load	FP	400	PALOVERDE500	138.41
294394	Term	BUY	ECONOMIC	07/19/2023	7x8 (15-22)	FP	400	MCCULLOUGH500	298.53
294395	Term	BUY	ECONOMIC	07/19/2023	7x8 (15-22)	FP	400	PALOVERDE500	298.53
294928	Term	BUY	ECONOMIC	07/19/2023	7x16H	FP	400	MCCULLOUGH500	155
294931	Term	BUY	ECONOMIC	07/19/2023	7x16H	FP	1600	MCCULLOUGH500	295
294934	Term	BUY	ECONOMIC	07/19/2023	7x16H	FP	400	MEAD230	297
294935	Term	BUY	ECONOMIC	07/19/2023	Heavy Load	FP	800	REDB	158.83
294937	Term	BUY	ECONOMIC	07/19/2023	7x16H	FP	800	MEAD230	221
295006	Term	BUY	ECONOMIC	07/19/2023	7x16H	FP	800	MCCULLOUGH500	295
296840	LD	BUY	ECONOMIC	07/19/2023	7x16H	FP	-133	MCCULLOUGH500	155
296843	RT	SELL	ECONOMIC	07/19/2023	Hourly	FP	10	MEAD230	100
274046	Term	BUY	ECONOMIC	07/20/2023	Hourly	FP	120	MEAD230	41.99
282862	Term	BUY	ECONOMIC	07/20/2023	6x8 (Superpeak)	FP	800	MEAD230	292.94
283775	Term	BUY	ECONOMIC	07/20/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	07/20/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284622	Term	BUY	ECONOMIC	07/20/2023	7x16H	FP	800	MEAD230	235.45
284623	Term	BUY	ECONOMIC	07/20/2023	7x16H	FP	800	MEAD230	225.45
284627	Term	BUY	ECONOMIC	07/20/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	07/20/2023	7x16H	FP	400	MEAD230	200

284629	Term	BUY	ECONOMIC	07/20/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	07/20/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	07/20/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	07/20/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	07/20/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	07/20/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	07/20/2023	7x16H	FP	800	MEAD230	222
293865	Term	BUY	ECONOMIC	07/20/2023	7x16H	FP	800	PALOVERDE500	290
293866	Term	BUY	ECONOMIC	07/20/2023	7x16H	FP	800	MEAD230	298
293871	Term	BUY	ECONOMIC	07/20/2023	7x16H	FP	400	MEAD230	339.5
293873	Term	BUY	ECONOMIC	07/20/2023	7x 1-6, 15-24	FP	1600	MEAD230	179
294924	Term	BUY	ECONOMIC	07/20/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294932	Term	BUY	ECONOMIC	07/20/2023	7x 1-6, 15-24	FP	800	MEAD230	179
295556	Term	BUY	ECONOMIC	07/20/2023	7x 1-6, 15-24	FP	1600	MEAD230	179
296835	DA	BUY	ECONOMIC	07/20/2023	Hourly	FP	350	ELDORADO230	143.16
296836	DA	BUY	ECONOMIC	07/20/2023	Hourly	FP	150	MCCULLOUG500	161.88
296837	DA	BUY	ECONOMIC	07/20/2023	Hourly	FP	100	MEAD230	152.52
296833	DA	BUY	ECONOMIC	07/20/2023	Hourly	FP	20	ELDORADO230	82.03
296834	DA	BUY	ECONOMIC	07/20/2023	Hourly	FP	20	MEAD230	71.07
293875	Term	BUY	ECONOMIC	07/20/2023	7x16H	FP	3200	MEAD230	258.4
293876	Term	BUY	ECONOMIC	07/20/2023	Heavy Load	FP	400	PALOVERDE500	173.03
294394	Term	BUY	ECONOMIC	07/20/2023	7x8 (15-22)	FP	400	MCCULLOUG500	298.53
294395	Term	BUY	ECONOMIC	07/20/2023	7x8 (15-22)	FP	400	PALOVERDE500	298.53
294928	Term	BUY	ECONOMIC	07/20/2023	7x16H	FP	400	MCCULLOUG500	155
294931	Term	BUY	ECONOMIC	07/20/2023	7x16H	FP	1600	MCCULLOUG500	295
294934	Term	BUY	ECONOMIC	07/20/2023	7x16H	FP	400	MEAD230	297
294935	Term	BUY	ECONOMIC	07/20/2023	Heavy Load	FP	800	REDB	195.78
294937	Term	BUY	ECONOMIC	07/20/2023	7x16H	FP	800	MEAD230	221
295006	Term	BUY	ECONOMIC	07/20/2023	7x16H	FP	800	MCCULLOUG500	295
296866	LD	BUY	ECONOMIC	07/20/2023	7x16H	FP	-135	MCCULLOUG500	155
296881	RT	BUY	ECONOMIC	07/21/2023	Hourly	FP	249	MEAD230	200
296882	RT	BUY	ECONOMIC	07/21/2023	Hourly	FP	700	MEAD230	160
296883	RT	BUY	ECONOMIC	07/21/2023	Hourly	FP	400	MEAD230	120
296884	RT	BUY	ECONOMIC	07/21/2023	Hourly	FP	25	REDB	121.36
274046	Term	BUY	ECONOMIC	07/21/2023	Hourly	FP	120	MEAD230	41.99
282862	Term	BUY	ECONOMIC	07/21/2023	6x8 (Superpeak)	FP	800	MEAD230	292.94
283775	Term	BUY	ECONOMIC	07/21/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	07/21/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284622	Term	BUY	ECONOMIC	07/21/2023	7x16H	FP	800	MEAD230	235.45
284623	Term	BUY	ECONOMIC	07/21/2023	7x16H	FP	800	MEAD230	225.45
284627	Term	BUY	ECONOMIC	07/21/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	07/21/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	07/21/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	07/21/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	07/21/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	07/21/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	07/21/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	07/21/2023	7x16H	FP	800	MEAD230	175

284638	Term	BUY	ECONOMIC	07/21/2023	7x16H	FP	800	MEAD230	222
296874	LD	BUY	ECONOMIC	07/21/2023	7x16H	FP	-25	MEAD230	170.63
293865	Term	BUY	ECONOMIC	07/21/2023	7x16H	FP	800	PALOVERDE500	290
293866	Term	BUY	ECONOMIC	07/21/2023	7x16H	FP	800	MEAD230	298
293871	Term	BUY	ECONOMIC	07/21/2023	7x16H	FP	400	MEAD230	339.5
293873	Term	BUY	ECONOMIC	07/21/2023	7x 1-6, 15-24	FP	1600	MEAD230	190.97
294924	Term	BUY	ECONOMIC	07/21/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294932	Term	BUY	ECONOMIC	07/21/2023	7x 1-6, 15-24	FP	800	MEAD230	190.97
295556	Term	BUY	ECONOMIC	07/21/2023	7x 1-6, 15-24	FP	1600	MEAD230	190.97
296860	DA	BUY	ECONOMIC	07/21/2023	Hourly	FP	235	ELDORADO230	179.9
296861	DA	BUY	ECONOMIC	07/21/2023	Hourly	FP	235	MCCULLOUG500	182.35
296862	DA	BUY	ECONOMIC	07/21/2023	Hourly	FP	230	MEAD230	179.27
296859	DA	SELL	ECONOMIC	07/21/2023	Hourly	FP	30	MEAD230	56.19
293875	Term	BUY	ECONOMIC	07/21/2023	7x16H	FP	3200	MEAD230	258.4
293876	Term	BUY	ECONOMIC	07/21/2023	Heavy Load	FP	400	PALOVERDE500	183.33
294394	Term	BUY	ECONOMIC	07/21/2023	7x8 (15-22)	FP	400	MCCULLOUG500	298.53
294395	Term	BUY	ECONOMIC	07/21/2023	7x8 (15-22)	FP	400	PALOVERDE500	298.53
294928	Term	BUY	ECONOMIC	07/21/2023	7x16H	FP	400	MCCULLOUG500	155
294931	Term	BUY	ECONOMIC	07/21/2023	7x16H	FP	1600	MCCULLOUG500	295
294934	Term	BUY	ECONOMIC	07/21/2023	7x16H	FP	400	MEAD230	297
294935	Term	BUY	ECONOMIC	07/21/2023	Heavy Load	FP	800	REDB	192
294937	Term	BUY	ECONOMIC	07/21/2023	7x16H	FP	800	MEAD230	221
295006	Term	BUY	ECONOMIC	07/21/2023	7x16H	FP	800	MCCULLOUG500	295
296875	LD	BUY	ECONOMIC	07/21/2023	7x16H	FP	-10	MCCULLOUG500	155
296878	LD	BUY	ECONOMIC	07/21/2023	7x16H	FP	-150	MCCULLOUG500	295
296879	LD	BUY	ECONOMIC	07/21/2023	7x16H	FP	-314	MEAD230	258.4
296895	LD	BUY	ECONOMIC	07/21/2023	7x16H	FP	-250	MCCULLOUG500	295
296847	DA	BUY	ECONOMIC	07/22/2023	Hourly	FP	1150	ELDORADO230	146.76
296848	DA	BUY	ECONOMIC	07/22/2023	Hourly	FP	575	MCCULLOUG500	147.35
296849	DA	BUY	ECONOMIC	07/22/2023	Hourly	FP	575	MEAD230	146.28
296888	RT	BUY	ECONOMIC	07/22/2023	Hourly	FP	200	MEAD230	100
296889	RT	BUY	ECONOMIC	07/22/2023	Hourly	FP	400	MEAD230	90
296890	RT	BUY	ECONOMIC	07/22/2023	Hourly	FP	200	MEAD230	95
296891	RT	BUY	ECONOMIC	07/22/2023	Hourly	FP	400	MEAD230	83
274046	Term	BUY	ECONOMIC	07/22/2023	Hourly	FP	120	MEAD230	41.99
282862	Term	BUY	ECONOMIC	07/22/2023	6x8 (Superpeak)	FP	800	MEAD230	292.94
283775	Term	BUY	ECONOMIC	07/22/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	07/22/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284622	Term	BUY	ECONOMIC	07/22/2023	7x16H	FP	800	MEAD230	235.45
284623	Term	BUY	ECONOMIC	07/22/2023	7x16H	FP	800	MEAD230	225.45
284627	Term	BUY	ECONOMIC	07/22/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	07/22/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	07/22/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	07/22/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	07/22/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	07/22/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	07/22/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	07/22/2023	7x16H	FP	800	MEAD230	175

284638	Term	BUY	ECONOMIC	07/22/2023	7x16H	FP	800	MEAD230	222
293865	Term	BUY	ECONOMIC	07/22/2023	7x16H	FP	800	PALOVERDE500	290
293866	Term	BUY	ECONOMIC	07/22/2023	7x16H	FP	800	MEAD230	298
293871	Term	BUY	ECONOMIC	07/22/2023	7x16H	FP	400	MEAD230	339.5
293873	Term	BUY	ECONOMIC	07/22/2023	7x 1-6, 15-24	FP	1600	MEAD230	189.31
294924	Term	BUY	ECONOMIC	07/22/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294932	Term	BUY	ECONOMIC	07/22/2023	7x 1-6, 15-24	FP	800	MEAD230	189.31
295556	Term	BUY	ECONOMIC	07/22/2023	7x 1-6, 15-24	FP	1600	MEAD230	189.31
293875	Term	BUY	ECONOMIC	07/22/2023	7x16H	FP	3200	MEAD230	258.4
293876	Term	BUY	ECONOMIC	07/22/2023	Heavy Load	FP	400	PALOVERDE500	183.33
294394	Term	BUY	ECONOMIC	07/22/2023	7x8 (15-22)	FP	400	MCCULLOUG500	298.53
294395	Term	BUY	ECONOMIC	07/22/2023	7x8 (15-22)	FP	400	PALOVERDE500	298.53
294928	Term	BUY	ECONOMIC	07/22/2023	7x16H	FP	400	MCCULLOUG500	155
294931	Term	BUY	ECONOMIC	07/22/2023	7x16H	FP	1600	MCCULLOUG500	295
294934	Term	BUY	ECONOMIC	07/22/2023	7x16H	FP	400	MEAD230	297
294935	Term	BUY	ECONOMIC	07/22/2023	Heavy Load	FP	800	REDB	192
294937	Term	BUY	ECONOMIC	07/22/2023	7x16H	FP	800	MEAD230	221
295006	Term	BUY	ECONOMIC	07/22/2023	7x16H	FP	800	MCCULLOUG500	295
296899	LD	BUY	ECONOMIC	07/22/2023	7x16H	FP	-174	MCCULLOUG500	155
296900	LD	BUY	ECONOMIC	07/22/2023	7x16H	FP	-97	MCCULLOUG500	295
296901	RT	SELL	ECONOMIC	07/23/2023	Hourly	FP	100	MEAD230	74
296902	RT	SELL	ECONOMIC	07/23/2023	Hourly	FP	50	MEAD230	95
274046	Term	BUY	ECONOMIC	07/23/2023	Hourly	FP	120	MEAD230	41.99
283775	Term	BUY	ECONOMIC	07/23/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	07/23/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284622	Term	BUY	ECONOMIC	07/23/2023	7x16H	FP	800	MEAD230	235.45
284623	Term	BUY	ECONOMIC	07/23/2023	7x16H	FP	800	MEAD230	225.45
284627	Term	BUY	ECONOMIC	07/23/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	07/23/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	07/23/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	07/23/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	07/23/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	07/23/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	07/23/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	07/23/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	07/23/2023	7x16H	FP	800	MEAD230	222
293865	Term	BUY	ECONOMIC	07/23/2023	7x16H	FP	800	PALOVERDE500	290
293866	Term	BUY	ECONOMIC	07/23/2023	7x16H	FP	800	MEAD230	298
293871	Term	BUY	ECONOMIC	07/23/2023	7x16H	FP	400	MEAD230	339.5
293873	Term	BUY	ECONOMIC	07/23/2023	7x 1-6, 15-24	FP	1600	MEAD230	188.02
294924	Term	BUY	ECONOMIC	07/23/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294932	Term	BUY	ECONOMIC	07/23/2023	7x 1-6, 15-24	FP	800	MEAD230	188.02
295556	Term	BUY	ECONOMIC	07/23/2023	7x 1-6, 15-24	FP	1600	MEAD230	188.02
296896	DA	BUY	ECONOMIC	07/23/2023	Hourly	FP	1025	ELDORADO230	140.19
296897	DA	BUY	ECONOMIC	07/23/2023	Hourly	FP	490	MCCULLOUG500	143.34
296898	DA	BUY	ECONOMIC	07/23/2023	Hourly	FP	535	MEAD230	138.66
293875	Term	BUY	ECONOMIC	07/23/2023	7x16H	FP	3200	MEAD230	258.4
294394	Term	BUY	ECONOMIC	07/23/2023	7x8 (15-22)	FP	400	MCCULLOUG500	298.53

294395	Term	BUY	ECONOMIC	07/23/2023	7x8 (15-22)	FP	400	PALOVERDE500	298.53
294928	Term	BUY	ECONOMIC	07/23/2023	7x16H	FP	400	MCCULLOUG500	155
294931	Term	BUY	ECONOMIC	07/23/2023	7x16H	FP	1600	MCCULLOUG500	295
294934	Term	BUY	ECONOMIC	07/23/2023	7x16H	FP	400	MEAD230	297
294937	Term	BUY	ECONOMIC	07/23/2023	7x16H	FP	800	MEAD230	221
295006	Term	BUY	ECONOMIC	07/23/2023	7x16H	FP	800	MCCULLOUG500	295
296907	LD	BUY	ECONOMIC	07/23/2023	7x16H	FP	-60	MCCULLOUG500	155
274046	Term	BUY	ECONOMIC	07/24/2023	Hourly	FP	120	MEAD230	41.99
282862	Term	BUY	ECONOMIC	07/24/2023	6x8 (Superpeak)	FP	800	MEAD230	292.94
283775	Term	BUY	ECONOMIC	07/24/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	07/24/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284622	Term	BUY	ECONOMIC	07/24/2023	7x16H	FP	800	MEAD230	235.45
284623	Term	BUY	ECONOMIC	07/24/2023	7x16H	FP	800	MEAD230	225.45
284627	Term	BUY	ECONOMIC	07/24/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	07/24/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	07/24/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	07/24/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	07/24/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	07/24/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	07/24/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	07/24/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	07/24/2023	7x16H	FP	800	MEAD230	222
296926	LD	BUY	ECONOMIC	07/24/2023	7x16H	FP	-3	MEAD230	235.45
293865	Term	BUY	ECONOMIC	07/24/2023	7x16H	FP	800	PALOVERDE500	290
293866	Term	BUY	ECONOMIC	07/24/2023	7x16H	FP	800	MEAD230	298
293871	Term	BUY	ECONOMIC	07/24/2023	7x16H	FP	400	MEAD230	339.5
293873	Term	BUY	ECONOMIC	07/24/2023	7x 1-6, 15-24	FP	1600	MEAD230	195.17
294924	Term	BUY	ECONOMIC	07/24/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294932	Term	BUY	ECONOMIC	07/24/2023	7x 1-6, 15-24	FP	800	MEAD230	195.17
295556	Term	BUY	ECONOMIC	07/24/2023	7x 1-6, 15-24	FP	1600	MEAD230	195.17
296925	LD	BUY	ECONOMIC	07/24/2023	7x16H	FP	-2	PALOVERDE500	290
293875	Term	BUY	ECONOMIC	07/24/2023	7x16H	FP	3200	MEAD230	258.4
293876	Term	BUY	ECONOMIC	07/24/2023	Heavy Load	FP	400	PALOVERDE500	164.35
294394	Term	BUY	ECONOMIC	07/24/2023	7x8 (15-22)	FP	400	MCCULLOUG500	298.53
294395	Term	BUY	ECONOMIC	07/24/2023	7x8 (15-22)	FP	400	PALOVERDE500	298.53
294928	Term	BUY	ECONOMIC	07/24/2023	7x16H	FP	400	MCCULLOUG500	155
294931	Term	BUY	ECONOMIC	07/24/2023	7x16H	FP	1600	MCCULLOUG500	295
294934	Term	BUY	ECONOMIC	07/24/2023	7x16H	FP	400	MEAD230	297
294935	Term	BUY	ECONOMIC	07/24/2023	Heavy Load	FP	800	REDB	175.17
294937	Term	BUY	ECONOMIC	07/24/2023	7x16H	FP	800	MEAD230	221
295006	Term	BUY	ECONOMIC	07/24/2023	7x16H	FP	800	MCCULLOUG500	295
296922	LD	BUY	ECONOMIC	07/24/2023	7x8 (15-22)	FP	-10	MCCULLOUG500	298.53
296923	LD	BUY	ECONOMIC	07/24/2023	7x16H	FP	-15	MCCULLOUG500	295
296924	LD	BUY	ECONOMIC	07/24/2023	7x16H	FP	-29	MCCULLOUG500	155
296908	RT	SELL	ECONOMIC	07/24/2023	Hourly	FP	291	MEAD230	95
296909	RT	SELL	ECONOMIC	07/24/2023	Hourly	FP	140	NAVAJO500	80
296911	RT	SELL	ECONOMIC	07/24/2023	Hourly	FP	132	MEAD230	80
296920	DA	BUY	ECONOMIC	07/25/2023	Hourly	FP	200	ELDORADO230	100.27

296921	DA	BUY	ECONOMIC	07/25/2023	Hourly	FP	200	MEAD230	100.06
296968	LD	BUY	ECONOMIC	07/25/2023	Hourly	FP	-50	MEAD230	100.06
296969	LD	BUY	ECONOMIC	07/25/2023	Hourly	FP	-50	ELDORADO230	100.27
274046	Term	BUY	ECONOMIC	07/25/2023	Hourly	FP	120	MEAD230	41.99
282862	Term	BUY	ECONOMIC	07/25/2023	6x8 (Superpeak)	FP	800	MEAD230	292.94
283775	Term	BUY	ECONOMIC	07/25/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	07/25/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284622	Term	BUY	ECONOMIC	07/25/2023	7x16H	FP	800	MEAD230	235.45
284623	Term	BUY	ECONOMIC	07/25/2023	7x16H	FP	800	MEAD230	225.45
284627	Term	BUY	ECONOMIC	07/25/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	07/25/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	07/25/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	07/25/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	07/25/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	07/25/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	07/25/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	07/25/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	07/25/2023	7x16H	FP	800	MEAD230	222
296942	LD	BUY	ECONOMIC	07/25/2023	6x8 (Superpeak)	FP	-105	MEAD230	818.48
296943	LD	BUY	ECONOMIC	07/25/2023	7x16H	FP	-58	MEAD230	818.48
296944	LD	BUY	ECONOMIC	07/25/2023	7x16H	FP	-25	MEAD230	824.39
296945	LD	BUY	ECONOMIC	07/25/2023	7x16H	FP	-25	MEAD230	824.39
296946	LD	BUY	ECONOMIC	07/25/2023	7x16H	FP	-25	MEAD230	824.39
296950	LD	BUY	ECONOMIC	07/25/2023	7x16H	FP	-50	MEAD230	824.39
296952	LD	BUY	ECONOMIC	07/25/2023	7x16H	FP	-224	MEAD230	841.37
296953	LD	BUY	ECONOMIC	07/25/2023	Hourly	FP	-5	MEAD230	841.37
296957	LD	BUY	ECONOMIC	07/25/2023	7x16H	FP	-6	MEAD230	835.53
296958	LD	BUY	ECONOMIC	07/25/2023	7x16H	FP	-37	MEAD230	835.53
296971	LD	BUY	ECONOMIC	07/25/2023	7x16H	FP	-6	MEAD230	818.48
293865	Term	BUY	ECONOMIC	07/25/2023	7x16H	FP	800	PALOVERDE500	290
293866	Term	BUY	ECONOMIC	07/25/2023	7x16H	FP	800	MEAD230	298
293871	Term	BUY	ECONOMIC	07/25/2023	7x16H	FP	400	MEAD230	339.5
293873	Term	BUY	ECONOMIC	07/25/2023	7x 1-6, 15-24	FP	1600	MEAD230	204.09
294924	Term	BUY	ECONOMIC	07/25/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294932	Term	BUY	ECONOMIC	07/25/2023	7x 1-6, 15-24	FP	800	MEAD230	204.09
295556	Term	BUY	ECONOMIC	07/25/2023	7x 1-6, 15-24	FP	1600	MEAD230	204.09
296941	LD	BUY	ECONOMIC	07/25/2023	7x16H	FP	-155	PALOVERDE500	813.74
296954	LD	BUY	ECONOMIC	07/25/2023	7x 1-6, 15-24	FP	-300	MEAD230	842.43
296955	LD	BUY	ECONOMIC	07/25/2023	7x 1-6, 15-24	FP	-224	MEAD230	842.43
296956	LD	BUY	ECONOMIC	07/25/2023	7x 1-6, 15-24	FP	-100	MEAD230	842.43
293875	Term	BUY	ECONOMIC	07/25/2023	7x16H	FP	3200	MEAD230	258.4
293876	Term	BUY	ECONOMIC	07/25/2023	Heavy Load	FP	400	PALOVERDE500	182.63
294394	Term	BUY	ECONOMIC	07/25/2023	7x8 (15-22)	FP	400	MCCULLOUGH500	298.53
294395	Term	BUY	ECONOMIC	07/25/2023	7x8 (15-22)	FP	400	PALOVERDE500	298.53
294928	Term	BUY	ECONOMIC	07/25/2023	7x16H	FP	400	MCCULLOUGH500	155
294931	Term	BUY	ECONOMIC	07/25/2023	7x16H	FP	1600	MCCULLOUGH500	295
294934	Term	BUY	ECONOMIC	07/25/2023	7x16H	FP	400	MEAD230	297
294935	Term	BUY	ECONOMIC	07/25/2023	Heavy Load	FP	800	REDB	189.38

294937	Term	BUY	ECONOMIC	07/25/2023	7x16H	FP	800	MEAD230	221
295006	Term	BUY	ECONOMIC	07/25/2023	7x16H	FP	800	MCCULLOUG500	295
296940	LD	BUY	ECONOMIC	07/25/2023	7x16H	FP	-26	MCCULLOUG500	691.11
296947	LD	BUY	ECONOMIC	07/25/2023	7x16H	FP	-48	MCCULLOUG500	155
296951	LD	BUY	ECONOMIC	07/25/2023	Heavy Load	FP	-46	PALOVERDE500	844.69
296927	RT	SELL	ECONOMIC	07/25/2023	Hourly	FP	120	NAVAJO500	115
296928	RT	SELL	ECONOMIC	07/25/2023	Hourly	FP	25	NAVAJO500	120
296934	RT	SELL	ECONOMIC	07/25/2023	Hourly	FP	50	NAVAJO500	175
296935	RT	SELL	ECONOMIC	07/25/2023	Hourly	FP	15	MEAD230	150
296974	RT	BUY	ECONOMIC	07/26/2023	Hourly	FP	50	MEAD230	500
274046	Term	BUY	ECONOMIC	07/26/2023	Hourly	FP	120	MEAD230	41.99
282862	Term	BUY	ECONOMIC	07/26/2023	6x8 (Superpeak)	FP	800	MEAD230	292.94
283775	Term	BUY	ECONOMIC	07/26/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	07/26/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284622	Term	BUY	ECONOMIC	07/26/2023	7x16H	FP	800	MEAD230	235.45
284623	Term	BUY	ECONOMIC	07/26/2023	7x16H	FP	800	MEAD230	225.45
284627	Term	BUY	ECONOMIC	07/26/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	07/26/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	07/26/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	07/26/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	07/26/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	07/26/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	07/26/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	07/26/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	07/26/2023	7x16H	FP	800	MEAD230	222
296980	LD	BUY	ECONOMIC	07/26/2023	7x16H	FP	-50	MEAD230	800
296981	LD	BUY	ECONOMIC	07/26/2023	7x16H	FP	-25	MEAD230	800
296982	LD	BUY	ECONOMIC	07/26/2023	7x16H	FP	-25	MEAD230	800
296984	LD	BUY	ECONOMIC	07/26/2023	7x16H	FP	-12	MEAD230	800
296987	LD	BUY	ECONOMIC	07/26/2023	6x8 (Superpeak)	FP	-100	MEAD230	800
296988	LD	BUY	ECONOMIC	07/26/2023	7x16H	FP	-50	MEAD230	800
296994	LD	BUY	ECONOMIC	07/26/2023	7x16H	FP	-30	MEAD230	800
293865	Term	BUY	ECONOMIC	07/26/2023	7x16H	FP	800	PALOVERDE500	290
293866	Term	BUY	ECONOMIC	07/26/2023	7x16H	FP	800	MEAD230	298
293871	Term	BUY	ECONOMIC	07/26/2023	7x16H	FP	400	MEAD230	339.5
293873	Term	BUY	ECONOMIC	07/26/2023	7x 1-6, 15-24	FP	1600	MEAD230	192.16
294924	Term	BUY	ECONOMIC	07/26/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294932	Term	BUY	ECONOMIC	07/26/2023	7x 1-6, 15-24	FP	800	MEAD230	192.16
295556	Term	BUY	ECONOMIC	07/26/2023	7x 1-6, 15-24	FP	1600	MEAD230	192.16
296972	LD	BUY	ECONOMIC	07/26/2023	7x 1-6, 15-24	FP	-50	MEAD230	285
296977	LD	BUY	ECONOMIC	07/26/2023	7x 1-6, 15-24	FP	-62	MEAD230	800
296993	LD	BUY	ECONOMIC	07/26/2023	7x16H	FP	-56	PALOVERDE500	800
293875	Term	BUY	ECONOMIC	07/26/2023	7x16H	FP	3200	MEAD230	258.4
293876	Term	BUY	ECONOMIC	07/26/2023	Heavy Load	FP	400	PALOVERDE500	161.26
294394	Term	BUY	ECONOMIC	07/26/2023	7x8 (15-22)	FP	400	MCCULLOUG500	298.53
294395	Term	BUY	ECONOMIC	07/26/2023	7x8 (15-22)	FP	400	PALOVERDE500	298.53
294928	Term	BUY	ECONOMIC	07/26/2023	7x16H	FP	400	MCCULLOUG500	155
294931	Term	BUY	ECONOMIC	07/26/2023	7x16H	FP	1600	MCCULLOUG500	295

294934	Term	BUY	ECONOMIC	07/26/2023	7x16H	FP	400	MEAD230	297
294935	Term	BUY	ECONOMIC	07/26/2023	Heavy Load	FP	800	REDB	176.71
294937	Term	BUY	ECONOMIC	07/26/2023	7x16H	FP	800	MEAD230	221
295006	Term	BUY	ECONOMIC	07/26/2023	7x16H	FP	800	MCCULLOUG500	295
296979	LD	BUY	ECONOMIC	07/26/2023	Heavy Load	FP	-2	PALOVERDE500	161.26
296992	LD	BUY	ECONOMIC	07/26/2023	7x16H	FP	-61	MCCULLOUG500	155
296963	RT	BUY	ECONOMIC	07/26/2023	Hourly	FP	750	MEAD230	700
296967	RT	BUY	ECONOMIC	07/26/2023	Hourly	FP	829	MEAD230	800
296973	RT	BUY	ECONOMIC	07/26/2023	Hourly	FP	532	MEAD230	800
296989	LD	BUY	ECONOMIC	07/26/2023	Hourly	FP	-229	MEAD230	800
296964	DA	BUY	ECONOMIC	07/27/2023	Hourly	FP	175	MEAD230	239.51
296965	DA	BUY	ECONOMIC	07/27/2023	Hourly	FP	175	ELDORADO230	239.93
274046	Term	BUY	ECONOMIC	07/27/2023	Hourly	FP	120	MEAD230	41.99
282862	Term	BUY	ECONOMIC	07/27/2023	6x8 (Superpeak)	FP	800	MEAD230	292.94
283775	Term	BUY	ECONOMIC	07/27/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	07/27/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284622	Term	BUY	ECONOMIC	07/27/2023	7x16H	FP	800	MEAD230	235.45
284623	Term	BUY	ECONOMIC	07/27/2023	7x16H	FP	800	MEAD230	225.45
284627	Term	BUY	ECONOMIC	07/27/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	07/27/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	07/27/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	07/27/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	07/27/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	07/27/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	07/27/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	07/27/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	07/27/2023	7x16H	FP	800	MEAD230	222
296991	LD	BUY	ECONOMIC	07/27/2023	7x16H	FP	-38	MEAD230	168
297001	LD	BUY	ECONOMIC	07/27/2023	7x16H	FP	-3	MEAD230	235.45
293865	Term	BUY	ECONOMIC	07/27/2023	7x16H	FP	800	PALOVERDE500	290
293866	Term	BUY	ECONOMIC	07/27/2023	7x16H	FP	800	MEAD230	298
293871	Term	BUY	ECONOMIC	07/27/2023	7x16H	FP	400	MEAD230	339.5
293873	Term	BUY	ECONOMIC	07/27/2023	7x 1-6, 15-24	FP	1600	MEAD230	269.24
294924	Term	BUY	ECONOMIC	07/27/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294932	Term	BUY	ECONOMIC	07/27/2023	7x 1-6, 15-24	FP	800	MEAD230	269.24
295556	Term	BUY	ECONOMIC	07/27/2023	7x 1-6, 15-24	FP	1600	MEAD230	269.24
297000	LD	BUY	ECONOMIC	07/27/2023	7x16H	FP	-1	PALOVERDE500	290
293875	Term	BUY	ECONOMIC	07/27/2023	7x16H	FP	3200	MEAD230	258.4
293876	Term	BUY	ECONOMIC	07/27/2023	Heavy Load	FP	400	PALOVERDE500	269.29
294394	Term	BUY	ECONOMIC	07/27/2023	7x8 (15-22)	FP	400	MCCULLOUG500	298.53
294395	Term	BUY	ECONOMIC	07/27/2023	7x8 (15-22)	FP	400	PALOVERDE500	298.53
294928	Term	BUY	ECONOMIC	07/27/2023	7x16H	FP	400	MCCULLOUG500	155
294931	Term	BUY	ECONOMIC	07/27/2023	7x16H	FP	1600	MCCULLOUG500	295
294934	Term	BUY	ECONOMIC	07/27/2023	7x16H	FP	400	MEAD230	297
294935	Term	BUY	ECONOMIC	07/27/2023	Heavy Load	FP	800	REDB	295.75
294937	Term	BUY	ECONOMIC	07/27/2023	7x16H	FP	800	MEAD230	221
295006	Term	BUY	ECONOMIC	07/27/2023	7x16H	FP	800	MCCULLOUG500	295
296990	LD	BUY	ECONOMIC	07/27/2023	7x16H	FP	-107	MCCULLOUG500	155

296999	LD	BUY	ECONOMIC	07/27/2023	7x16H	FP	-3	MCCULLOUGH500	295
296995	DA	BUY	ECONOMIC	07/28/2023	Hourly	FP	125	ELDORADO230	230.05
296996	DA	BUY	ECONOMIC	07/28/2023	Hourly	FP	125	MEAD230	229.44
297004	RT	BUY	ECONOMIC	07/28/2023	Hourly	FP	300	MEAD230	250
297005	RT	BUY	ECONOMIC	07/28/2023	Hourly	FP	450	MEAD230	275
297007	RT	BUY	ECONOMIC	07/28/2023	Hourly	FP	200	MEAD230	300
297008	RT	BUY	ECONOMIC	07/28/2023	Hourly	FP	600	MEAD230	350
297011	RT	BUY	ECONOMIC	07/28/2023	Hourly	FP	400	MEAD230	275
297012	RT	BUY	ECONOMIC	07/28/2023	Hourly	FP	150	MEAD230	300
297016	RT	BUY	ECONOMIC	07/28/2023	Hourly	FP	160	MEAD230	350
297020	LD	BUY	ECONOMIC	07/28/2023	Hourly	FP	-6	MEAD230	350
297021	LD	BUY	ECONOMIC	07/28/2023	Hourly	FP	-51	MEAD230	300
274046	Term	BUY	ECONOMIC	07/28/2023	Hourly	FP	120	MEAD230	41.99
282862	Term	BUY	ECONOMIC	07/28/2023	6x8 (Superpeak)	FP	800	MEAD230	292.94
283775	Term	BUY	ECONOMIC	07/28/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	07/28/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284622	Term	BUY	ECONOMIC	07/28/2023	7x16H	FP	800	MEAD230	235.45
284623	Term	BUY	ECONOMIC	07/28/2023	7x16H	FP	800	MEAD230	225.45
284627	Term	BUY	ECONOMIC	07/28/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	07/28/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	07/28/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	07/28/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	07/28/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	07/28/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	07/28/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	07/28/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	07/28/2023	7x16H	FP	800	MEAD230	222
297022	LD	BUY	ECONOMIC	07/28/2023	7x16H	FP	-39	MEAD230	345
293865	Term	BUY	ECONOMIC	07/28/2023	7x16H	FP	800	PALOVERDE500	290
293866	Term	BUY	ECONOMIC	07/28/2023	7x16H	FP	800	MEAD230	298
293871	Term	BUY	ECONOMIC	07/28/2023	7x16H	FP	400	MEAD230	339.5
293873	Term	BUY	ECONOMIC	07/28/2023	7x 1-6, 15-24	FP	1600	MEAD230	241.46
294924	Term	BUY	ECONOMIC	07/28/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294932	Term	BUY	ECONOMIC	07/28/2023	7x 1-6, 15-24	FP	800	MEAD230	241.46
295556	Term	BUY	ECONOMIC	07/28/2023	7x 1-6, 15-24	FP	1600	MEAD230	241.46
293875	Term	BUY	ECONOMIC	07/28/2023	7x16H	FP	3200	MEAD230	258.4
293876	Term	BUY	ECONOMIC	07/28/2023	Heavy Load	FP	400	PALOVERDE500	226.92
294394	Term	BUY	ECONOMIC	07/28/2023	7x8 (15-22)	FP	400	MCCULLOUGH500	298.53
294395	Term	BUY	ECONOMIC	07/28/2023	7x8 (15-22)	FP	400	PALOVERDE500	298.53
294928	Term	BUY	ECONOMIC	07/28/2023	7x16H	FP	400	MCCULLOUGH500	155
294931	Term	BUY	ECONOMIC	07/28/2023	7x16H	FP	1600	MCCULLOUGH500	295
294934	Term	BUY	ECONOMIC	07/28/2023	7x16H	FP	400	MEAD230	297
294935	Term	BUY	ECONOMIC	07/28/2023	Heavy Load	FP	800	REDB	241.54
294937	Term	BUY	ECONOMIC	07/28/2023	7x16H	FP	800	MEAD230	221
295006	Term	BUY	ECONOMIC	07/28/2023	7x16H	FP	800	MCCULLOUGH500	295
297019	LD	BUY	ECONOMIC	07/28/2023	7x16H	FP	-9	MCCULLOUGH500	155
274046	Term	BUY	ECONOMIC	07/29/2023	Hourly	FP	120	MEAD230	41.99
282862	Term	BUY	ECONOMIC	07/29/2023	6x8 (Superpeak)	FP	800	MEAD230	292.94

283775	Term	BUY	ECONOMIC	07/29/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	07/29/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284622	Term	BUY	ECONOMIC	07/29/2023	7x16H	FP	800	MEAD230	235.45
284623	Term	BUY	ECONOMIC	07/29/2023	7x16H	FP	800	MEAD230	225.45
284627	Term	BUY	ECONOMIC	07/29/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	07/29/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	07/29/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	07/29/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	07/29/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	07/29/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	07/29/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	07/29/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	07/29/2023	7x16H	FP	800	MEAD230	222
293865	Term	BUY	ECONOMIC	07/29/2023	7x16H	FP	800	PALOVERDE500	290
293866	Term	BUY	ECONOMIC	07/29/2023	7x16H	FP	800	MEAD230	298
293871	Term	BUY	ECONOMIC	07/29/2023	7x16H	FP	400	MEAD230	339.5
293873	Term	BUY	ECONOMIC	07/29/2023	7x 1-6, 15-24	FP	1600	MEAD230	201.22
294924	Term	BUY	ECONOMIC	07/29/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294932	Term	BUY	ECONOMIC	07/29/2023	7x 1-6, 15-24	FP	800	MEAD230	201.22
295556	Term	BUY	ECONOMIC	07/29/2023	7x 1-6, 15-24	FP	1600	MEAD230	201.22
297009	DA	BUY	ECONOMIC	07/29/2023	Hourly	FP	100	ELDORADO230	150.86
297010	DA	BUY	ECONOMIC	07/29/2023	Hourly	FP	100	MEAD230	150.39
293875	Term	BUY	ECONOMIC	07/29/2023	7x16H	FP	3200	MEAD230	258.4
293876	Term	BUY	ECONOMIC	07/29/2023	Heavy Load	FP	400	PALOVERDE500	226.92
294394	Term	BUY	ECONOMIC	07/29/2023	7x8 (15-22)	FP	400	MCCULLOUG500	298.53
294395	Term	BUY	ECONOMIC	07/29/2023	7x8 (15-22)	FP	400	PALOVERDE500	298.53
294928	Term	BUY	ECONOMIC	07/29/2023	7x16H	FP	400	MCCULLOUG500	155
294931	Term	BUY	ECONOMIC	07/29/2023	7x16H	FP	1600	MCCULLOUG500	295
294934	Term	BUY	ECONOMIC	07/29/2023	7x16H	FP	400	MEAD230	297
294935	Term	BUY	ECONOMIC	07/29/2023	Heavy Load	FP	800	REDB	241.54
294937	Term	BUY	ECONOMIC	07/29/2023	7x16H	FP	800	MEAD230	221
295006	Term	BUY	ECONOMIC	07/29/2023	7x16H	FP	800	MCCULLOUG500	295
297027	LD	BUY	ECONOMIC	07/29/2023	7x16H	FP	-31	MCCULLOUG500	155
274046	Term	BUY	ECONOMIC	07/30/2023	Hourly	FP	120	MEAD230	41.99
283775	Term	BUY	ECONOMIC	07/30/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	07/30/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284622	Term	BUY	ECONOMIC	07/30/2023	7x16H	FP	800	MEAD230	235.45
284623	Term	BUY	ECONOMIC	07/30/2023	7x16H	FP	800	MEAD230	225.45
284627	Term	BUY	ECONOMIC	07/30/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	07/30/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	07/30/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	07/30/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	07/30/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	07/30/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	07/30/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	07/30/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	07/30/2023	7x16H	FP	800	MEAD230	222
293865	Term	BUY	ECONOMIC	07/30/2023	7x16H	FP	800	PALOVERDE500	290

293866	Term	BUY	ECONOMIC	07/30/2023	7x16H	FP	800	MEAD230	298
293871	Term	BUY	ECONOMIC	07/30/2023	7x16H	FP	400	MEAD230	339.5
293873	Term	BUY	ECONOMIC	07/30/2023	7x 1-6, 15-24	FP	1600	MEAD230	187.26
294924	Term	BUY	ECONOMIC	07/30/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294932	Term	BUY	ECONOMIC	07/30/2023	7x 1-6, 15-24	FP	800	MEAD230	187.26
295556	Term	BUY	ECONOMIC	07/30/2023	7x 1-6, 15-24	FP	1600	MEAD230	187.26
297025	DA	BUY	ECONOMIC	07/30/2023	Hourly	FP	475	ELDORADO230	154.49
297026	DA	BUY	ECONOMIC	07/30/2023	Hourly	FP	475	MEAD230	149.76
293875	Term	BUY	ECONOMIC	07/30/2023	7x16H	FP	3200	MEAD230	258.4
294394	Term	BUY	ECONOMIC	07/30/2023	7x8 (15-22)	FP	400	MCCULLOUGH500	298.53
294395	Term	BUY	ECONOMIC	07/30/2023	7x8 (15-22)	FP	400	PALOVERDE500	298.53
294928	Term	BUY	ECONOMIC	07/30/2023	7x16H	FP	400	MCCULLOUGH500	155
294931	Term	BUY	ECONOMIC	07/30/2023	7x16H	FP	1600	MCCULLOUGH500	295
294934	Term	BUY	ECONOMIC	07/30/2023	7x16H	FP	400	MEAD230	297
294937	Term	BUY	ECONOMIC	07/30/2023	7x16H	FP	800	MEAD230	221
295006	Term	BUY	ECONOMIC	07/30/2023	7x16H	FP	800	MCCULLOUGH500	295
297028	RT	SELL	ECONOMIC	07/31/2023	Hourly	FP	75	M345	49
274046	Term	BUY	ECONOMIC	07/31/2023	Hourly	FP	120	MEAD230	41.99
282862	Term	BUY	ECONOMIC	07/31/2023	6x8 (Superpeak)	FP	800	MEAD230	292.94
283775	Term	BUY	ECONOMIC	07/31/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	07/31/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284622	Term	BUY	ECONOMIC	07/31/2023	7x16H	FP	800	MEAD230	235.45
284623	Term	BUY	ECONOMIC	07/31/2023	7x16H	FP	800	MEAD230	225.45
284627	Term	BUY	ECONOMIC	07/31/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	07/31/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	07/31/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	07/31/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	07/31/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	07/31/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	07/31/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	07/31/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	07/31/2023	7x16H	FP	800	MEAD230	222
293865	Term	BUY	ECONOMIC	07/31/2023	7x16H	FP	800	PALOVERDE500	290
293866	Term	BUY	ECONOMIC	07/31/2023	7x16H	FP	800	MEAD230	298
293871	Term	BUY	ECONOMIC	07/31/2023	7x16H	FP	400	MEAD230	339.5
293873	Term	BUY	ECONOMIC	07/31/2023	7x 1-6, 15-24	FP	1600	MEAD230	197.57
294924	Term	BUY	ECONOMIC	07/31/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294932	Term	BUY	ECONOMIC	07/31/2023	7x 1-6, 15-24	FP	800	MEAD230	197.57
295556	Term	BUY	ECONOMIC	07/31/2023	7x 1-6, 15-24	FP	1600	MEAD230	197.57
293875	Term	BUY	ECONOMIC	07/31/2023	7x16H	FP	3200	MEAD230	258.4
293876	Term	BUY	ECONOMIC	07/31/2023	Heavy Load	FP	400	PALOVERDE500	209.56
294394	Term	BUY	ECONOMIC	07/31/2023	7x8 (15-22)	FP	400	MCCULLOUGH500	298.53
294395	Term	BUY	ECONOMIC	07/31/2023	7x8 (15-22)	FP	400	PALOVERDE500	298.53
294928	Term	BUY	ECONOMIC	07/31/2023	7x16H	FP	400	MCCULLOUGH500	155
294931	Term	BUY	ECONOMIC	07/31/2023	7x16H	FP	1600	MCCULLOUGH500	295
294934	Term	BUY	ECONOMIC	07/31/2023	7x16H	FP	400	MEAD230	297
294935	Term	BUY	ECONOMIC	07/31/2023	Heavy Load	FP	800	REDB	218.58
294937	Term	BUY	ECONOMIC	07/31/2023	7x16H	FP	800	MEAD230	221

295006	Term	BUY	ECONOMIC	07/31/2023	7x16H	FP	800	MCCULLOUGH500	295
297034	RT	SELL	ECONOMIC	08/01/2023	Hourly	FP	270	MEAD230	85
274046	Term	BUY	ECONOMIC	08/01/2023	Hourly	FP	120	MEAD230	41.99
282862	Term	BUY	ECONOMIC	08/01/2023	6x8 (Superpeak)	FP	800	MEAD230	292.94
283775	Term	BUY	ECONOMIC	08/01/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	08/01/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284627	Term	BUY	ECONOMIC	08/01/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	08/01/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	08/01/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	08/01/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	08/01/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	08/01/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	08/01/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	08/01/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	08/01/2023	7x16H	FP	800	MEAD230	222
293867	Term	BUY	ECONOMIC	08/01/2023	7x16H	FP	800	PALOVERDE500	330
293868	Term	BUY	ECONOMIC	08/01/2023	7x16H	FP	800	MEAD230	335
293872	Term	BUY	ECONOMIC	08/01/2023	7x16H	FP	400	MEAD230	355.9
293873	Term	BUY	ECONOMIC	08/01/2023	7x 1-6, 15-24	FP	1600	MEAD230	185.61
294396	Term	BUY	ECONOMIC	08/01/2023	7x8 (15-22)	FP	400	MCCULLOUGH500	383.77
294397	Term	BUY	ECONOMIC	08/01/2023	7x8 (15-22)	FP	400	PALOVERDE500	383.77
294924	Term	BUY	ECONOMIC	08/01/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294932	Term	BUY	ECONOMIC	08/01/2023	7x 1-6, 15-24	FP	800	MEAD230	185.61
295556	Term	BUY	ECONOMIC	08/01/2023	7x 1-6, 15-24	FP	1600	MEAD230	185.61
295557	Term	BUY	ECONOMIC	08/01/2023	7x16H	FP	400	MCCULLOUGH500	250
295558	Term	BUY	ECONOMIC	08/01/2023	7x16H	FP	1200	MCCULLOUGH500	349
295559	Term	BUY	ECONOMIC	08/01/2023	7x16H	FP	400	NAVAJO500	312
295560	Term	BUY	ECONOMIC	08/01/2023	Heavy Load	FP	400	PALOVERDE500	147
297039	LD	BUY	ECONOMIC	08/01/2023	7x16H	FP	-18	MCCULLOUGH500	250
297032	RT	SELL	ECONOMIC	08/01/2023	Hourly	FP	150	MEAD230	60
293875	Term	BUY	ECONOMIC	08/01/2023	7x16H	FP	3200	MEAD230	258.4
293876	Term	BUY	ECONOMIC	08/01/2023	Heavy Load	FP	400	PALOVERDE500	147
294928	Term	BUY	ECONOMIC	08/01/2023	7x16H	FP	400	MCCULLOUGH500	155
294931	Term	BUY	ECONOMIC	08/01/2023	7x16H	FP	1600	MCCULLOUGH500	295
294934	Term	BUY	ECONOMIC	08/01/2023	7x16H	FP	400	MEAD230	297
294935	Term	BUY	ECONOMIC	08/01/2023	Heavy Load	FP	800	REDB	155.71
294938	Term	BUY	ECONOMIC	08/01/2023	7x16H	FP	400	MEAD230	291.77
295006	Term	BUY	ECONOMIC	08/01/2023	7x16H	FP	800	MCCULLOUGH500	295
295706	Term	BUY	ECONOMIC	08/01/2023	Heavy Load	FP	800	REDB	167.71
297044	RT	SELL	ECONOMIC	08/02/2023	Hourly	FP	400	MEAD230	85
297049	RT	SELL	ECONOMIC	08/02/2023	Hourly	FP	280	MEAD230	100
297052	RT	SELL	ECONOMIC	08/02/2023	Hourly	FP	70	MEAD230	125
297055	RT	SELL	ECONOMIC	08/02/2023	Hourly	FP	200	MEAD230	125
297040	RT	SELL	ECONOMIC	08/02/2023	Hourly	FP	83	MEAD230	85
274046	Term	BUY	ECONOMIC	08/02/2023	Hourly	FP	120	MEAD230	41.99
282862	Term	BUY	ECONOMIC	08/02/2023	6x8 (Superpeak)	FP	800	MEAD230	292.94
283775	Term	BUY	ECONOMIC	08/02/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	08/02/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37

284627	Term	BUY	ECONOMIC	08/02/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	08/02/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	08/02/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	08/02/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	08/02/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	08/02/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	08/02/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	08/02/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	08/02/2023	7x16H	FP	800	MEAD230	222
293867	Term	BUY	ECONOMIC	08/02/2023	7x16H	FP	800	PALOVERDE500	330
293868	Term	BUY	ECONOMIC	08/02/2023	7x16H	FP	800	MEAD230	335
293872	Term	BUY	ECONOMIC	08/02/2023	7x16H	FP	400	MEAD230	355.9
293873	Term	BUY	ECONOMIC	08/02/2023	7x 1-6, 15-24	FP	1600	MEAD230	175.04
294396	Term	BUY	ECONOMIC	08/02/2023	7x8 (15-22)	FP	400	MCCULLOUG500	383.77
294397	Term	BUY	ECONOMIC	08/02/2023	7x8 (15-22)	FP	400	PALOVERDE500	383.77
294924	Term	BUY	ECONOMIC	08/02/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294932	Term	BUY	ECONOMIC	08/02/2023	7x 1-6, 15-24	FP	800	MEAD230	175.04
295556	Term	BUY	ECONOMIC	08/02/2023	7x 1-6, 15-24	FP	1600	MEAD230	175.04
295557	Term	BUY	ECONOMIC	08/02/2023	7x16H	FP	400	MCCULLOUG500	250
295558	Term	BUY	ECONOMIC	08/02/2023	7x16H	FP	1200	MCCULLOUG500	349
295559	Term	BUY	ECONOMIC	08/02/2023	7x16H	FP	400	NAVAJO500	312
295560	Term	BUY	ECONOMIC	08/02/2023	Heavy Load	FP	400	PALOVERDE500	139.4
297059	LD	BUY	ECONOMIC	08/02/2023	7x16H	FP	-11	MCCULLOUG500	250
293875	Term	BUY	ECONOMIC	08/02/2023	7x16H	FP	3200	MEAD230	258.4
293876	Term	BUY	ECONOMIC	08/02/2023	Heavy Load	FP	400	PALOVERDE500	139.4
294928	Term	BUY	ECONOMIC	08/02/2023	7x16H	FP	400	MCCULLOUG500	155
294931	Term	BUY	ECONOMIC	08/02/2023	7x16H	FP	1600	MCCULLOUG500	295
294934	Term	BUY	ECONOMIC	08/02/2023	7x16H	FP	400	MEAD230	297
294935	Term	BUY	ECONOMIC	08/02/2023	Heavy Load	FP	800	REDB	147.18
294938	Term	BUY	ECONOMIC	08/02/2023	7x16H	FP	400	MEAD230	291.77
295006	Term	BUY	ECONOMIC	08/02/2023	7x16H	FP	800	MCCULLOUG500	295
295706	Term	BUY	ECONOMIC	08/02/2023	Heavy Load	FP	800	REDB	159.18
297060	RT	SELL	ECONOMIC	08/03/2023	Hourly	FP	25	MEAD230	52
297061	RT	SELL	ECONOMIC	08/03/2023	Hourly	FP	200	NAVAJO500	70
297066	RT	SELL	ECONOMIC	08/03/2023	Hourly	FP	124	MCCULLOUG500	70
297067	RT	SELL	ECONOMIC	08/03/2023	Hourly	FP	100	NAVAJO500	85
274046	Term	BUY	ECONOMIC	08/03/2023	Hourly	FP	120	MEAD230	41.99
282862	Term	BUY	ECONOMIC	08/03/2023	6x8 (Superpeak)	FP	800	MEAD230	292.94
283775	Term	BUY	ECONOMIC	08/03/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	08/03/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284627	Term	BUY	ECONOMIC	08/03/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	08/03/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	08/03/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	08/03/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	08/03/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	08/03/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	08/03/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	08/03/2023	7x16H	FP	800	MEAD230	175

284638	Term	BUY	ECONOMIC	08/03/2023	7x16H	FP	800	MEAD230	222
297073	LD	BUY	ECONOMIC	08/03/2023	7x16H	FP	-17	MEAD230	175
293867	Term	BUY	ECONOMIC	08/03/2023	7x16H	FP	800	PALOVERDE500	330
293868	Term	BUY	ECONOMIC	08/03/2023	7x16H	FP	800	MEAD230	335
293872	Term	BUY	ECONOMIC	08/03/2023	7x16H	FP	400	MEAD230	355.9
293873	Term	BUY	ECONOMIC	08/03/2023	7x 1-6, 15-24	FP	1600	MEAD230	161.05
294396	Term	BUY	ECONOMIC	08/03/2023	7x8 (15-22)	FP	400	MCCULLOUG500	383.77
294397	Term	BUY	ECONOMIC	08/03/2023	7x8 (15-22)	FP	400	PALOVERDE500	383.77
294924	Term	BUY	ECONOMIC	08/03/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294932	Term	BUY	ECONOMIC	08/03/2023	7x 1-6, 15-24	FP	800	MEAD230	161.05
295556	Term	BUY	ECONOMIC	08/03/2023	7x 1-6, 15-24	FP	1600	MEAD230	161.05
295557	Term	BUY	ECONOMIC	08/03/2023	7x16H	FP	400	MCCULLOUG500	250
295558	Term	BUY	ECONOMIC	08/03/2023	7x16H	FP	1200	MCCULLOUG500	349
295559	Term	BUY	ECONOMIC	08/03/2023	7x16H	FP	400	NAVAJO500	312
295560	Term	BUY	ECONOMIC	08/03/2023	Heavy Load	FP	400	PALOVERDE500	135.26
297070	LD	BUY	ECONOMIC	08/03/2023	7x16H	FP	-100	MCCULLOUG500	349
293875	Term	BUY	ECONOMIC	08/03/2023	7x16H	FP	3200	MEAD230	258.4
293876	Term	BUY	ECONOMIC	08/03/2023	Heavy Load	FP	400	PALOVERDE500	135.26
294928	Term	BUY	ECONOMIC	08/03/2023	7x16H	FP	400	MCCULLOUG500	155
294931	Term	BUY	ECONOMIC	08/03/2023	7x16H	FP	1600	MCCULLOUG500	295
294934	Term	BUY	ECONOMIC	08/03/2023	7x16H	FP	400	MEAD230	297
294935	Term	BUY	ECONOMIC	08/03/2023	Heavy Load	FP	800	REDB	143.91
294938	Term	BUY	ECONOMIC	08/03/2023	7x16H	FP	400	MEAD230	291.77
295006	Term	BUY	ECONOMIC	08/03/2023	7x16H	FP	800	MCCULLOUG500	295
295706	Term	BUY	ECONOMIC	08/03/2023	Heavy Load	FP	800	REDB	155.91
297074	RT	SELL	ECONOMIC	08/04/2023	Hourly	FP	625	MEAD230	45
274046	Term	BUY	ECONOMIC	08/04/2023	Hourly	FP	120	MEAD230	41.99
282862	Term	BUY	ECONOMIC	08/04/2023	6x8 (Superpeak)	FP	800	MEAD230	292.94
283775	Term	BUY	ECONOMIC	08/04/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	08/04/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284627	Term	BUY	ECONOMIC	08/04/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	08/04/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	08/04/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	08/04/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	08/04/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	08/04/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	08/04/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	08/04/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	08/04/2023	7x16H	FP	800	MEAD230	222
293867	Term	BUY	ECONOMIC	08/04/2023	7x16H	FP	800	PALOVERDE500	330
293868	Term	BUY	ECONOMIC	08/04/2023	7x16H	FP	800	MEAD230	335
293872	Term	BUY	ECONOMIC	08/04/2023	7x16H	FP	400	MEAD230	355.9
293873	Term	BUY	ECONOMIC	08/04/2023	7x 1-6, 15-24	FP	1600	MEAD230	163.23
294396	Term	BUY	ECONOMIC	08/04/2023	7x8 (15-22)	FP	400	MCCULLOUG500	383.77
294397	Term	BUY	ECONOMIC	08/04/2023	7x8 (15-22)	FP	400	PALOVERDE500	383.77
294924	Term	BUY	ECONOMIC	08/04/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294932	Term	BUY	ECONOMIC	08/04/2023	7x 1-6, 15-24	FP	800	MEAD230	163.23
295556	Term	BUY	ECONOMIC	08/04/2023	7x 1-6, 15-24	FP	1600	MEAD230	163.23

295557	Term	BUY	ECONOMIC	08/04/2023	7x16H	FP	400	MCCULLOUG500	250
295558	Term	BUY	ECONOMIC	08/04/2023	7x16H	FP	1200	MCCULLOUG500	349
295559	Term	BUY	ECONOMIC	08/04/2023	7x16H	FP	400	NAVAJO500	312
295560	Term	BUY	ECONOMIC	08/04/2023	Heavy Load	FP	400	PALOVERDE500	127.19
297078	LD	BUY	ECONOMIC	08/04/2023	7x16H	FP	-31	MCCULLOUG500	349
297081	LD	BUY	ECONOMIC	08/04/2023	7x16H	FP	-2	MEAD230	335
297077	RT	SELL	ECONOMIC	08/04/2023	Hourly	FP	40	MEAD230	62
293875	Term	BUY	ECONOMIC	08/04/2023	7x16H	FP	3200	MEAD230	258.4
293876	Term	BUY	ECONOMIC	08/04/2023	Heavy Load	FP	400	PALOVERDE500	127.19
294928	Term	BUY	ECONOMIC	08/04/2023	7x16H	FP	400	MCCULLOUG500	155
294931	Term	BUY	ECONOMIC	08/04/2023	7x16H	FP	1600	MCCULLOUG500	295
294934	Term	BUY	ECONOMIC	08/04/2023	7x16H	FP	400	MEAD230	297
294935	Term	BUY	ECONOMIC	08/04/2023	Heavy Load	FP	800	REDB	135.55
294938	Term	BUY	ECONOMIC	08/04/2023	7x16H	FP	400	MEAD230	291.77
295006	Term	BUY	ECONOMIC	08/04/2023	7x16H	FP	800	MCCULLOUG500	295
295706	Term	BUY	ECONOMIC	08/04/2023	Heavy Load	FP	800	REDB	147.55
297082	LD	BUY	ECONOMIC	08/04/2023	7x16H	FP	-8	MCCULLOUG500	155
274046	Term	BUY	ECONOMIC	08/05/2023	Hourly	FP	120	MEAD230	41.99
282862	Term	BUY	ECONOMIC	08/05/2023	6x8 (Superpeak)	FP	800	MEAD230	292.94
283775	Term	BUY	ECONOMIC	08/05/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	08/05/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284627	Term	BUY	ECONOMIC	08/05/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	08/05/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	08/05/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	08/05/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	08/05/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	08/05/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	08/05/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	08/05/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	08/05/2023	7x16H	FP	800	MEAD230	222
293867	Term	BUY	ECONOMIC	08/05/2023	7x16H	FP	800	PALOVERDE500	330
293868	Term	BUY	ECONOMIC	08/05/2023	7x16H	FP	800	MEAD230	335
293872	Term	BUY	ECONOMIC	08/05/2023	7x16H	FP	400	MEAD230	355.9
293873	Term	BUY	ECONOMIC	08/05/2023	7x 1-6, 15-24	FP	1600	MEAD230	162.09
294396	Term	BUY	ECONOMIC	08/05/2023	7x8 (15-22)	FP	400	MCCULLOUG500	383.77
294397	Term	BUY	ECONOMIC	08/05/2023	7x8 (15-22)	FP	400	PALOVERDE500	383.77
294924	Term	BUY	ECONOMIC	08/05/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294932	Term	BUY	ECONOMIC	08/05/2023	7x 1-6, 15-24	FP	800	MEAD230	162.09
295556	Term	BUY	ECONOMIC	08/05/2023	7x 1-6, 15-24	FP	1600	MEAD230	162.09
295557	Term	BUY	ECONOMIC	08/05/2023	7x16H	FP	400	MCCULLOUG500	250
295558	Term	BUY	ECONOMIC	08/05/2023	7x16H	FP	1200	MCCULLOUG500	349
295559	Term	BUY	ECONOMIC	08/05/2023	7x16H	FP	400	NAVAJO500	312
295560	Term	BUY	ECONOMIC	08/05/2023	Heavy Load	FP	400	PALOVERDE500	127.19
297086	LD	BUY	ECONOMIC	08/05/2023	7x16H	FP	-47	MCCULLOUG500	250
297087	LD	BUY	ECONOMIC	08/05/2023	7x16H	FP	-18	MEAD230	335
297083	RT	SELL	ECONOMIC	08/05/2023	Hourly	FP	150	MEAD230	50
293875	Term	BUY	ECONOMIC	08/05/2023	7x16H	FP	3200	MEAD230	258.4
293876	Term	BUY	ECONOMIC	08/05/2023	Heavy Load	FP	400	PALOVERDE500	127.19

294928	Term	BUY	ECONOMIC	08/05/2023	7x16H	FP	400	MCCULLOUG500	155
294931	Term	BUY	ECONOMIC	08/05/2023	7x16H	FP	1600	MCCULLOUG500	295
294934	Term	BUY	ECONOMIC	08/05/2023	7x16H	FP	400	MEAD230	297
294935	Term	BUY	ECONOMIC	08/05/2023	Heavy Load	FP	800	REDB	135.55
294938	Term	BUY	ECONOMIC	08/05/2023	7x16H	FP	400	MEAD230	291.77
295006	Term	BUY	ECONOMIC	08/05/2023	7x16H	FP	800	MCCULLOUG500	295
295706	Term	BUY	ECONOMIC	08/05/2023	Heavy Load	FP	800	REDB	147.55
274046	Term	BUY	ECONOMIC	08/06/2023	Hourly	FP	120	MEAD230	41.99
283775	Term	BUY	ECONOMIC	08/06/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	08/06/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284627	Term	BUY	ECONOMIC	08/06/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	08/06/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	08/06/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	08/06/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	08/06/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	08/06/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	08/06/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	08/06/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	08/06/2023	7x16H	FP	800	MEAD230	222
293867	Term	BUY	ECONOMIC	08/06/2023	7x16H	FP	800	PALOVERDE500	330
293868	Term	BUY	ECONOMIC	08/06/2023	7x16H	FP	800	MEAD230	335
293872	Term	BUY	ECONOMIC	08/06/2023	7x16H	FP	400	MEAD230	355.9
293873	Term	BUY	ECONOMIC	08/06/2023	7x 1-6, 15-24	FP	1600	MEAD230	170.62
294396	Term	BUY	ECONOMIC	08/06/2023	7x8 (15-22)	FP	400	MCCULLOUG500	383.77
294397	Term	BUY	ECONOMIC	08/06/2023	7x8 (15-22)	FP	400	PALOVERDE500	383.77
294924	Term	BUY	ECONOMIC	08/06/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294932	Term	BUY	ECONOMIC	08/06/2023	7x 1-6, 15-24	FP	800	MEAD230	170.62
295556	Term	BUY	ECONOMIC	08/06/2023	7x 1-6, 15-24	FP	1600	MEAD230	170.62
295557	Term	BUY	ECONOMIC	08/06/2023	7x16H	FP	400	MCCULLOUG500	250
295558	Term	BUY	ECONOMIC	08/06/2023	7x16H	FP	1200	MCCULLOUG500	349
295559	Term	BUY	ECONOMIC	08/06/2023	7x16H	FP	400	NAVAJO500	312
297092	LD	BUY	ECONOMIC	08/06/2023	7x16H	FP	-285	PALOVERDE500	330
297093	LD	BUY	ECONOMIC	08/06/2023	7x16H	FP	-78	MCCULLOUG500	250
297088	RT	SELL	ECONOMIC	08/06/2023	Hourly	FP	15	NAVAJO500	68
297090	RT	SELL	ECONOMIC	08/06/2023	Hourly	FP	150	MEAD230	50
293875	Term	BUY	ECONOMIC	08/06/2023	7x16H	FP	3200	MEAD230	258.4
294928	Term	BUY	ECONOMIC	08/06/2023	7x16H	FP	400	MCCULLOUG500	155
294931	Term	BUY	ECONOMIC	08/06/2023	7x16H	FP	1600	MCCULLOUG500	295
294934	Term	BUY	ECONOMIC	08/06/2023	7x16H	FP	400	MEAD230	297
294938	Term	BUY	ECONOMIC	08/06/2023	7x16H	FP	400	MEAD230	291.77
295006	Term	BUY	ECONOMIC	08/06/2023	7x16H	FP	800	MCCULLOUG500	295
274046	Term	BUY	ECONOMIC	08/07/2023	Hourly	FP	120	MEAD230	41.99
282862	Term	BUY	ECONOMIC	08/07/2023	6x8 (Superpeak)	FP	800	MEAD230	292.94
283775	Term	BUY	ECONOMIC	08/07/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	08/07/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284627	Term	BUY	ECONOMIC	08/07/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	08/07/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	08/07/2023	7x16H	FP	400	MEAD230	203

284630	Term	BUY	ECONOMIC	08/07/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	08/07/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	08/07/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	08/07/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	08/07/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	08/07/2023	7x16H	FP	800	MEAD230	222
293867	Term	BUY	ECONOMIC	08/07/2023	7x16H	FP	800	PALOVERDE500	330
293868	Term	BUY	ECONOMIC	08/07/2023	7x16H	FP	800	MEAD230	335
293872	Term	BUY	ECONOMIC	08/07/2023	7x16H	FP	400	MEAD230	355.9
293873	Term	BUY	ECONOMIC	08/07/2023	7x 1-6, 15-24	FP	1600	MEAD230	185.37
294396	Term	BUY	ECONOMIC	08/07/2023	7x8 (15-22)	FP	400	MCCULLOUG500	383.77
294397	Term	BUY	ECONOMIC	08/07/2023	7x8 (15-22)	FP	400	PALOVERDE500	383.77
294924	Term	BUY	ECONOMIC	08/07/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294932	Term	BUY	ECONOMIC	08/07/2023	7x 1-6, 15-24	FP	800	MEAD230	185.37
295556	Term	BUY	ECONOMIC	08/07/2023	7x 1-6, 15-24	FP	1600	MEAD230	185.37
295557	Term	BUY	ECONOMIC	08/07/2023	7x16H	FP	400	MCCULLOUG500	250
295558	Term	BUY	ECONOMIC	08/07/2023	7x16H	FP	1200	MCCULLOUG500	349
295559	Term	BUY	ECONOMIC	08/07/2023	7x16H	FP	400	NAVAJO500	312
295560	Term	BUY	ECONOMIC	08/07/2023	Heavy Load	FP	400	PALOVERDE500	154.06
297099	LD	BUY	ECONOMIC	08/07/2023	7x16H	FP	-41	MCCULLOUG500	250
297100	LD	BUY	ECONOMIC	08/07/2023	7x16H	FP	-36	MEAD230	335
297101	LD	BUY	ECONOMIC	08/07/2023	7x16H	FP	-5	MEAD230	355.9
297094	RT	SELL	ECONOMIC	08/07/2023	Hourly	FP	100	MEAD230	50
297096	RT	SELL	ECONOMIC	08/07/2023	Hourly	FP	110	NAVAJO500	100
293875	Term	BUY	ECONOMIC	08/07/2023	7x16H	FP	3200	MEAD230	258.4
293876	Term	BUY	ECONOMIC	08/07/2023	Heavy Load	FP	400	PALOVERDE500	154.06
294928	Term	BUY	ECONOMIC	08/07/2023	7x16H	FP	400	MCCULLOUG500	155
294931	Term	BUY	ECONOMIC	08/07/2023	7x16H	FP	1600	MCCULLOUG500	295
294934	Term	BUY	ECONOMIC	08/07/2023	7x16H	FP	400	MEAD230	297
294935	Term	BUY	ECONOMIC	08/07/2023	Heavy Load	FP	800	REDB	164.05
294938	Term	BUY	ECONOMIC	08/07/2023	7x16H	FP	400	MEAD230	291.77
295006	Term	BUY	ECONOMIC	08/07/2023	7x16H	FP	800	MCCULLOUG500	295
295706	Term	BUY	ECONOMIC	08/07/2023	Heavy Load	FP	800	REDB	176.05
274046	Term	BUY	ECONOMIC	08/08/2023	Hourly	FP	120	MEAD230	41.99
282862	Term	BUY	ECONOMIC	08/08/2023	6x8 (Superpeak)	FP	800	MEAD230	292.94
283775	Term	BUY	ECONOMIC	08/08/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	08/08/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284627	Term	BUY	ECONOMIC	08/08/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	08/08/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	08/08/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	08/08/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	08/08/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	08/08/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	08/08/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	08/08/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	08/08/2023	7x16H	FP	800	MEAD230	222
293867	Term	BUY	ECONOMIC	08/08/2023	7x16H	FP	800	PALOVERDE500	330
293868	Term	BUY	ECONOMIC	08/08/2023	7x16H	FP	800	MEAD230	335

293872	Term	BUY	ECONOMIC	08/08/2023	7x16H	FP	400	MEAD230	355.9
293873	Term	BUY	ECONOMIC	08/08/2023	7x 1-6, 15-24	FP	1600	MEAD230	159.76
294396	Term	BUY	ECONOMIC	08/08/2023	7x8 (15-22)	FP	400	MCCULLOUG500	383.77
294397	Term	BUY	ECONOMIC	08/08/2023	7x8 (15-22)	FP	400	PALOVERDE500	383.77
294924	Term	BUY	ECONOMIC	08/08/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294932	Term	BUY	ECONOMIC	08/08/2023	7x 1-6, 15-24	FP	800	MEAD230	159.76
295556	Term	BUY	ECONOMIC	08/08/2023	7x 1-6, 15-24	FP	1600	MEAD230	159.76
295557	Term	BUY	ECONOMIC	08/08/2023	7x16H	FP	400	MCCULLOUG500	250
295558	Term	BUY	ECONOMIC	08/08/2023	7x16H	FP	1200	MCCULLOUG500	349
295559	Term	BUY	ECONOMIC	08/08/2023	7x16H	FP	400	NAVAJO500	312
295560	Term	BUY	ECONOMIC	08/08/2023	Heavy Load	FP	400	PALOVERDE500	125.42
293875	Term	BUY	ECONOMIC	08/08/2023	7x16H	FP	3200	MEAD230	258.4
293876	Term	BUY	ECONOMIC	08/08/2023	Heavy Load	FP	400	PALOVERDE500	125.42
294928	Term	BUY	ECONOMIC	08/08/2023	7x16H	FP	400	MCCULLOUG500	155
294931	Term	BUY	ECONOMIC	08/08/2023	7x16H	FP	1600	MCCULLOUG500	295
294934	Term	BUY	ECONOMIC	08/08/2023	7x16H	FP	400	MEAD230	297
294935	Term	BUY	ECONOMIC	08/08/2023	Heavy Load	FP	800	REDB	134.14
294938	Term	BUY	ECONOMIC	08/08/2023	7x16H	FP	400	MEAD230	291.77
295006	Term	BUY	ECONOMIC	08/08/2023	7x16H	FP	800	MCCULLOUG500	295
295706	Term	BUY	ECONOMIC	08/08/2023	Heavy Load	FP	800	REDB	146.14
297107	RT	BUY	ECONOMIC	08/09/2023	Hourly	FP	75	M345	45
274046	Term	BUY	ECONOMIC	08/09/2023	Hourly	FP	120	MEAD230	41.99
282862	Term	BUY	ECONOMIC	08/09/2023	6x8 (Superpeak)	FP	800	MEAD230	292.94
283775	Term	BUY	ECONOMIC	08/09/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	08/09/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284627	Term	BUY	ECONOMIC	08/09/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	08/09/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	08/09/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	08/09/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	08/09/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	08/09/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	08/09/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	08/09/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	08/09/2023	7x16H	FP	800	MEAD230	222
293867	Term	BUY	ECONOMIC	08/09/2023	7x16H	FP	800	PALOVERDE500	330
293868	Term	BUY	ECONOMIC	08/09/2023	7x16H	FP	800	MEAD230	335
293872	Term	BUY	ECONOMIC	08/09/2023	7x16H	FP	400	MEAD230	355.9
293873	Term	BUY	ECONOMIC	08/09/2023	7x 1-6, 15-24	FP	1600	MEAD230	146.55
294396	Term	BUY	ECONOMIC	08/09/2023	7x8 (15-22)	FP	400	MCCULLOUG500	383.77
294397	Term	BUY	ECONOMIC	08/09/2023	7x8 (15-22)	FP	400	PALOVERDE500	383.77
294924	Term	BUY	ECONOMIC	08/09/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294932	Term	BUY	ECONOMIC	08/09/2023	7x 1-6, 15-24	FP	800	MEAD230	146.55
295556	Term	BUY	ECONOMIC	08/09/2023	7x 1-6, 15-24	FP	1600	MEAD230	146.55
295557	Term	BUY	ECONOMIC	08/09/2023	7x16H	FP	400	MCCULLOUG500	250
295558	Term	BUY	ECONOMIC	08/09/2023	7x16H	FP	1200	MCCULLOUG500	349
295559	Term	BUY	ECONOMIC	08/09/2023	7x16H	FP	400	NAVAJO500	312
295560	Term	BUY	ECONOMIC	08/09/2023	Heavy Load	FP	400	PALOVERDE500	101.03
297102	LD	BUY	ECONOMIC	08/09/2023	7x16H	FP	-28	MCCULLOUG500	250

293875	Term	BUY	ECONOMIC	08/09/2023	7x16H	FP	3200	MEAD230	258.4
293876	Term	BUY	ECONOMIC	08/09/2023	Heavy Load	FP	400	PALOVERDE500	101.03
294928	Term	BUY	ECONOMIC	08/09/2023	7x16H	FP	400	MCCULLOUG500	155
294931	Term	BUY	ECONOMIC	08/09/2023	7x16H	FP	1600	MCCULLOUG500	295
294934	Term	BUY	ECONOMIC	08/09/2023	7x16H	FP	400	MEAD230	297
294935	Term	BUY	ECONOMIC	08/09/2023	Heavy Load	FP	800	REDB	107.17
294938	Term	BUY	ECONOMIC	08/09/2023	7x16H	FP	400	MEAD230	291.77
295006	Term	BUY	ECONOMIC	08/09/2023	7x16H	FP	800	MCCULLOUG500	295
295706	Term	BUY	ECONOMIC	08/09/2023	Heavy Load	FP	800	REDB	119.17
297103	RT	SELL	ECONOMIC	08/09/2023	Hourly	FP	150	MEAD230	80
274046	Term	BUY	ECONOMIC	08/10/2023	Hourly	FP	120	MEAD230	41.99
282862	Term	BUY	ECONOMIC	08/10/2023	6x8 (Superpeak)	FP	800	MEAD230	292.94
283775	Term	BUY	ECONOMIC	08/10/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	08/10/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284627	Term	BUY	ECONOMIC	08/10/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	08/10/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	08/10/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	08/10/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	08/10/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	08/10/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	08/10/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	08/10/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	08/10/2023	7x16H	FP	800	MEAD230	222
293867	Term	BUY	ECONOMIC	08/10/2023	7x16H	FP	800	PALOVERDE500	330
293868	Term	BUY	ECONOMIC	08/10/2023	7x16H	FP	800	MEAD230	335
293872	Term	BUY	ECONOMIC	08/10/2023	7x16H	FP	400	MEAD230	355.9
293873	Term	BUY	ECONOMIC	08/10/2023	7x 1-6, 15-24	FP	1600	MEAD230	145.77
294396	Term	BUY	ECONOMIC	08/10/2023	7x8 (15-22)	FP	400	MCCULLOUG500	383.77
294397	Term	BUY	ECONOMIC	08/10/2023	7x8 (15-22)	FP	400	PALOVERDE500	383.77
294924	Term	BUY	ECONOMIC	08/10/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294932	Term	BUY	ECONOMIC	08/10/2023	7x 1-6, 15-24	FP	800	MEAD230	145.77
295556	Term	BUY	ECONOMIC	08/10/2023	7x 1-6, 15-24	FP	1600	MEAD230	145.77
295557	Term	BUY	ECONOMIC	08/10/2023	7x16H	FP	400	MCCULLOUG500	250
295558	Term	BUY	ECONOMIC	08/10/2023	7x16H	FP	1200	MCCULLOUG500	349
295559	Term	BUY	ECONOMIC	08/10/2023	7x16H	FP	400	NAVAJO500	312
295560	Term	BUY	ECONOMIC	08/10/2023	Heavy Load	FP	400	PALOVERDE500	103.19
297122	LD	BUY	ECONOMIC	08/10/2023	7x16H	FP	-34	MCCULLOUG500	250
293875	Term	BUY	ECONOMIC	08/10/2023	7x16H	FP	3200	MEAD230	258.4
293876	Term	BUY	ECONOMIC	08/10/2023	Heavy Load	FP	400	PALOVERDE500	103.19
294928	Term	BUY	ECONOMIC	08/10/2023	7x16H	FP	400	MCCULLOUG500	155
294931	Term	BUY	ECONOMIC	08/10/2023	7x16H	FP	1600	MCCULLOUG500	295
294934	Term	BUY	ECONOMIC	08/10/2023	7x16H	FP	400	MEAD230	297
294935	Term	BUY	ECONOMIC	08/10/2023	Heavy Load	FP	800	REDB	108.29
294938	Term	BUY	ECONOMIC	08/10/2023	7x16H	FP	400	MEAD230	291.77
295006	Term	BUY	ECONOMIC	08/10/2023	7x16H	FP	800	MCCULLOUG500	295
295706	Term	BUY	ECONOMIC	08/10/2023	Heavy Load	FP	800	REDB	120.29
297123	LD	BUY	ECONOMIC	08/10/2023	7x16H	FP	-25	MCCULLOUG500	155
297109	RT	SELL	ECONOMIC	08/10/2023	Hourly	FP	150	MEAD230	55

297110	RT	SELL	ECONOMIC	08/10/2023	Hourly	FP	600	MEAD230	75
297111	RT	SELL	ECONOMIC	08/10/2023	Hourly	FP	100	MEAD230	60
297112	RT	SELL	ECONOMIC	08/10/2023	Hourly	FP	600	MEAD230	73
274046	Term	BUY	ECONOMIC	08/11/2023	Hourly	FP	120	MEAD230	41.99
282862	Term	BUY	ECONOMIC	08/11/2023	6x8 (Superpeak)	FP	800	MEAD230	292.94
283775	Term	BUY	ECONOMIC	08/11/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	08/11/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284627	Term	BUY	ECONOMIC	08/11/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	08/11/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	08/11/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	08/11/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	08/11/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	08/11/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	08/11/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	08/11/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	08/11/2023	7x16H	FP	800	MEAD230	222
293867	Term	BUY	ECONOMIC	08/11/2023	7x16H	FP	800	PALOVERDE500	330
293868	Term	BUY	ECONOMIC	08/11/2023	7x16H	FP	800	MEAD230	335
293872	Term	BUY	ECONOMIC	08/11/2023	7x16H	FP	400	MEAD230	355.9
293873	Term	BUY	ECONOMIC	08/11/2023	7x 1-6, 15-24	FP	1600	MEAD230	144.87
294396	Term	BUY	ECONOMIC	08/11/2023	7x8 (15-22)	FP	400	MCCULLOUG500	383.77
294397	Term	BUY	ECONOMIC	08/11/2023	7x8 (15-22)	FP	400	PALOVERDE500	383.77
294924	Term	BUY	ECONOMIC	08/11/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294932	Term	BUY	ECONOMIC	08/11/2023	7x 1-6, 15-24	FP	800	MEAD230	144.87
295556	Term	BUY	ECONOMIC	08/11/2023	7x 1-6, 15-24	FP	1600	MEAD230	144.87
295557	Term	BUY	ECONOMIC	08/11/2023	7x16H	FP	400	MCCULLOUG500	250
295558	Term	BUY	ECONOMIC	08/11/2023	7x16H	FP	1200	MCCULLOUG500	349
295559	Term	BUY	ECONOMIC	08/11/2023	7x16H	FP	400	NAVAJO500	312
295560	Term	BUY	ECONOMIC	08/11/2023	Heavy Load	FP	400	PALOVERDE500	101
293875	Term	BUY	ECONOMIC	08/11/2023	7x16H	FP	3200	MEAD230	258.4
293876	Term	BUY	ECONOMIC	08/11/2023	Heavy Load	FP	400	PALOVERDE500	101
294928	Term	BUY	ECONOMIC	08/11/2023	7x16H	FP	400	MCCULLOUG500	155
294931	Term	BUY	ECONOMIC	08/11/2023	7x16H	FP	1600	MCCULLOUG500	295
294934	Term	BUY	ECONOMIC	08/11/2023	7x16H	FP	400	MEAD230	297
294935	Term	BUY	ECONOMIC	08/11/2023	Heavy Load	FP	800	REDB	107.6
294938	Term	BUY	ECONOMIC	08/11/2023	7x16H	FP	400	MEAD230	291.77
295006	Term	BUY	ECONOMIC	08/11/2023	7x16H	FP	800	MCCULLOUG500	295
295706	Term	BUY	ECONOMIC	08/11/2023	Heavy Load	FP	800	REDB	119.6
274046	Term	BUY	ECONOMIC	08/12/2023	Hourly	FP	120	MEAD230	41.99
282862	Term	BUY	ECONOMIC	08/12/2023	6x8 (Superpeak)	FP	800	MEAD230	292.94
283775	Term	BUY	ECONOMIC	08/12/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	08/12/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284627	Term	BUY	ECONOMIC	08/12/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	08/12/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	08/12/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	08/12/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	08/12/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	08/12/2023	7x16H	FP	400	MEAD230	167.5

284633	Term	BUY	ECONOMIC	08/12/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	08/12/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	08/12/2023	7x16H	FP	800	MEAD230	222
293867	Term	BUY	ECONOMIC	08/12/2023	7x16H	FP	800	PALOVERDE500	330
293868	Term	BUY	ECONOMIC	08/12/2023	7x16H	FP	800	MEAD230	335
293872	Term	BUY	ECONOMIC	08/12/2023	7x16H	FP	400	MEAD230	355.9
293873	Term	BUY	ECONOMIC	08/12/2023	7x 1-6, 15-24	FP	1600	MEAD230	143.87
294396	Term	BUY	ECONOMIC	08/12/2023	7x8 (15-22)	FP	400	MCCULLOUG500	383.77
294397	Term	BUY	ECONOMIC	08/12/2023	7x8 (15-22)	FP	400	PALOVERDE500	383.77
294924	Term	BUY	ECONOMIC	08/12/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294932	Term	BUY	ECONOMIC	08/12/2023	7x 1-6, 15-24	FP	800	MEAD230	143.87
295556	Term	BUY	ECONOMIC	08/12/2023	7x 1-6, 15-24	FP	1600	MEAD230	143.87
295557	Term	BUY	ECONOMIC	08/12/2023	7x16H	FP	400	MCCULLOUG500	250
295558	Term	BUY	ECONOMIC	08/12/2023	7x16H	FP	1200	MCCULLOUG500	349
295559	Term	BUY	ECONOMIC	08/12/2023	7x16H	FP	400	NAVAJO500	312
295560	Term	BUY	ECONOMIC	08/12/2023	Heavy Load	FP	400	PALOVERDE500	101
297128	LD	BUY	ECONOMIC	08/12/2023	7x16H	FP	-20	MCCULLOUG500	250
297125	RT	SELL	ECONOMIC	08/12/2023	Hourly	FP	180	NAVAJO500	49
293875	Term	BUY	ECONOMIC	08/12/2023	7x16H	FP	3200	MEAD230	258.4
293876	Term	BUY	ECONOMIC	08/12/2023	Heavy Load	FP	400	PALOVERDE500	101
294928	Term	BUY	ECONOMIC	08/12/2023	7x16H	FP	400	MCCULLOUG500	155
294931	Term	BUY	ECONOMIC	08/12/2023	7x16H	FP	1600	MCCULLOUG500	295
294934	Term	BUY	ECONOMIC	08/12/2023	7x16H	FP	400	MEAD230	297
294935	Term	BUY	ECONOMIC	08/12/2023	Heavy Load	FP	800	REDB	107.6
294938	Term	BUY	ECONOMIC	08/12/2023	7x16H	FP	400	MEAD230	291.77
295006	Term	BUY	ECONOMIC	08/12/2023	7x16H	FP	800	MCCULLOUG500	295
295706	Term	BUY	ECONOMIC	08/12/2023	Heavy Load	FP	800	REDB	119.6
274046	Term	BUY	ECONOMIC	08/13/2023	Hourly	FP	120	MEAD230	41.99
283775	Term	BUY	ECONOMIC	08/13/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	08/13/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284627	Term	BUY	ECONOMIC	08/13/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	08/13/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	08/13/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	08/13/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	08/13/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	08/13/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	08/13/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	08/13/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	08/13/2023	7x16H	FP	800	MEAD230	222
293867	Term	BUY	ECONOMIC	08/13/2023	7x16H	FP	800	PALOVERDE500	330
293868	Term	BUY	ECONOMIC	08/13/2023	7x16H	FP	800	MEAD230	335
293872	Term	BUY	ECONOMIC	08/13/2023	7x16H	FP	400	MEAD230	355.9
293873	Term	BUY	ECONOMIC	08/13/2023	7x 1-6, 15-24	FP	1600	MEAD230	153.65
294396	Term	BUY	ECONOMIC	08/13/2023	7x8 (15-22)	FP	400	MCCULLOUG500	383.77
294397	Term	BUY	ECONOMIC	08/13/2023	7x8 (15-22)	FP	400	PALOVERDE500	383.77
294924	Term	BUY	ECONOMIC	08/13/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294932	Term	BUY	ECONOMIC	08/13/2023	7x 1-6, 15-24	FP	800	MEAD230	153.65
295556	Term	BUY	ECONOMIC	08/13/2023	7x 1-6, 15-24	FP	1600	MEAD230	153.65

295557	Term	BUY	ECONOMIC	08/13/2023	7x16H	FP	400	MCCULLOUG500	250
295558	Term	BUY	ECONOMIC	08/13/2023	7x16H	FP	1200	MCCULLOUG500	349
295559	Term	BUY	ECONOMIC	08/13/2023	7x16H	FP	400	NAVAJO500	312
297129	LD	BUY	ECONOMIC	08/13/2023	7x16H	FP	-81	MCCULLOUG500	250
297130	RT	SELL	ECONOMIC	08/13/2023	Hourly	FP	30	NAVAJO500	52
293875	Term	BUY	ECONOMIC	08/13/2023	7x16H	FP	3200	MEAD230	258.4
294928	Term	BUY	ECONOMIC	08/13/2023	7x16H	FP	400	MCCULLOUG500	155
294931	Term	BUY	ECONOMIC	08/13/2023	7x16H	FP	1600	MCCULLOUG500	295
294934	Term	BUY	ECONOMIC	08/13/2023	7x16H	FP	400	MEAD230	297
294938	Term	BUY	ECONOMIC	08/13/2023	7x16H	FP	400	MEAD230	291.77
295006	Term	BUY	ECONOMIC	08/13/2023	7x16H	FP	800	MCCULLOUG500	295
297133	LD	BUY	ECONOMIC	08/13/2023	7x16H	FP	-125	MEAD230	258.4
297147	LD	BUY	ECONOMIC	08/14/2023	Hourly	FP	-22	MEAD230	170.63
274046	Term	BUY	ECONOMIC	08/14/2023	Hourly	FP	120	MEAD230	41.99
282862	Term	BUY	ECONOMIC	08/14/2023	6x8 (Superpeak)	FP	800	MEAD230	292.94
283775	Term	BUY	ECONOMIC	08/14/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	08/14/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284627	Term	BUY	ECONOMIC	08/14/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	08/14/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	08/14/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	08/14/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	08/14/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	08/14/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	08/14/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	08/14/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	08/14/2023	7x16H	FP	800	MEAD230	222
297140	LD	BUY	ECONOMIC	08/14/2023	7x16H	FP	-40	MEAD230	168
297141	LD	BUY	ECONOMIC	08/14/2023	7x16H	FP	-20	MEAD230	222
297142	LD	BUY	ECONOMIC	08/14/2023	7x16H	FP	-33	MEAD230	203
297143	LD	BUY	ECONOMIC	08/14/2023	7x16H	FP	-20	MEAD230	177.5
297144	LD	BUY	ECONOMIC	08/14/2023	6x8 (Superpeak)	FP	-38	MEAD230	292.94
297145	LD	BUY	ECONOMIC	08/14/2023	7x16H	FP	-20	MEAD230	175
293867	Term	BUY	ECONOMIC	08/14/2023	7x16H	FP	800	PALOVERDE500	330
293868	Term	BUY	ECONOMIC	08/14/2023	7x16H	FP	800	MEAD230	335
293872	Term	BUY	ECONOMIC	08/14/2023	7x16H	FP	400	MEAD230	355.9
293873	Term	BUY	ECONOMIC	08/14/2023	7x 1-6, 15-24	FP	1600	MEAD230	201.25
294396	Term	BUY	ECONOMIC	08/14/2023	7x8 (15-22)	FP	400	MCCULLOUG500	383.77
294397	Term	BUY	ECONOMIC	08/14/2023	7x8 (15-22)	FP	400	PALOVERDE500	383.77
294924	Term	BUY	ECONOMIC	08/14/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294932	Term	BUY	ECONOMIC	08/14/2023	7x 1-6, 15-24	FP	800	MEAD230	201.25
295556	Term	BUY	ECONOMIC	08/14/2023	7x 1-6, 15-24	FP	1600	MEAD230	201.25
295557	Term	BUY	ECONOMIC	08/14/2023	7x16H	FP	400	MCCULLOUG500	250
295558	Term	BUY	ECONOMIC	08/14/2023	7x16H	FP	1200	MCCULLOUG500	349
295559	Term	BUY	ECONOMIC	08/14/2023	7x16H	FP	400	NAVAJO500	312
295560	Term	BUY	ECONOMIC	08/14/2023	Heavy Load	FP	400	PALOVERDE500	146.06
297137	LD	BUY	ECONOMIC	08/14/2023	7x16H	FP	-75	MCCULLOUG500	250
297139	LD	BUY	ECONOMIC	08/14/2023	7x 1-6, 15-24	FP	-38	MEAD230	295.82
293875	Term	BUY	ECONOMIC	08/14/2023	7x16H	FP	3200	MEAD230	258.4

293876	Term	BUY	ECONOMIC	08/14/2023	Heavy Load	FP	400	PALOVERDE500	146.06
294928	Term	BUY	ECONOMIC	08/14/2023	7x16H	FP	400	MCCULLOUG500	155
294931	Term	BUY	ECONOMIC	08/14/2023	7x16H	FP	1600	MCCULLOUG500	295
294934	Term	BUY	ECONOMIC	08/14/2023	7x16H	FP	400	MEAD230	297
294935	Term	BUY	ECONOMIC	08/14/2023	Heavy Load	FP	800	REDB	156.1
294938	Term	BUY	ECONOMIC	08/14/2023	7x16H	FP	400	MEAD230	291.77
295006	Term	BUY	ECONOMIC	08/14/2023	7x16H	FP	800	MCCULLOUG500	295
295706	Term	BUY	ECONOMIC	08/14/2023	Heavy Load	FP	800	REDB	168.1
297138	LD	BUY	ECONOMIC	08/14/2023	7x16H	FP	-14	MEAD230	258.4
274046	Term	BUY	ECONOMIC	08/15/2023	Hourly	FP	120	MEAD230	41.99
282862	Term	BUY	ECONOMIC	08/15/2023	6x8 (Superpeak)	FP	800	MEAD230	292.94
283775	Term	BUY	ECONOMIC	08/15/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	08/15/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284627	Term	BUY	ECONOMIC	08/15/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	08/15/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	08/15/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	08/15/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	08/15/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	08/15/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	08/15/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	08/15/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	08/15/2023	7x16H	FP	800	MEAD230	222
297157	LD	BUY	ECONOMIC	08/15/2023	Hourly	FP	-125	MEAD230	344.9
293867	Term	BUY	ECONOMIC	08/15/2023	7x16H	FP	800	PALOVERDE500	330
293868	Term	BUY	ECONOMIC	08/15/2023	7x16H	FP	800	MEAD230	335
293872	Term	BUY	ECONOMIC	08/15/2023	7x16H	FP	400	MEAD230	355.9
293873	Term	BUY	ECONOMIC	08/15/2023	7x 1-6, 15-24	FP	1600	MEAD230	320.28
294396	Term	BUY	ECONOMIC	08/15/2023	7x8 (15-22)	FP	400	MCCULLOUG500	383.77
294397	Term	BUY	ECONOMIC	08/15/2023	7x8 (15-22)	FP	400	PALOVERDE500	383.77
294924	Term	BUY	ECONOMIC	08/15/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294932	Term	BUY	ECONOMIC	08/15/2023	7x 1-6, 15-24	FP	800	MEAD230	320.28
295556	Term	BUY	ECONOMIC	08/15/2023	7x 1-6, 15-24	FP	1600	MEAD230	320.28
295557	Term	BUY	ECONOMIC	08/15/2023	7x16H	FP	400	MCCULLOUG500	250
295558	Term	BUY	ECONOMIC	08/15/2023	7x16H	FP	1200	MCCULLOUG500	349
295559	Term	BUY	ECONOMIC	08/15/2023	7x16H	FP	400	NAVAJO500	312
295560	Term	BUY	ECONOMIC	08/15/2023	Heavy Load	FP	400	PALOVERDE500	340.86
297135	DA	BUY	ECONOMIC	08/15/2023	Heavy Load	FP	1600	MEAD230	344.9
297154	LD	BUY	ECONOMIC	08/15/2023	7x16H	FP	-74	MCCULLOUG500	250
293875	Term	BUY	ECONOMIC	08/15/2023	7x16H	FP	3200	MEAD230	258.4
293876	Term	BUY	ECONOMIC	08/15/2023	Heavy Load	FP	400	PALOVERDE500	340.86
294928	Term	BUY	ECONOMIC	08/15/2023	7x16H	FP	400	MCCULLOUG500	155
294931	Term	BUY	ECONOMIC	08/15/2023	7x16H	FP	1600	MCCULLOUG500	295
294934	Term	BUY	ECONOMIC	08/15/2023	7x16H	FP	400	MEAD230	297
294935	Term	BUY	ECONOMIC	08/15/2023	Heavy Load	FP	800	REDB	357
294938	Term	BUY	ECONOMIC	08/15/2023	7x16H	FP	400	MEAD230	291.77
295006	Term	BUY	ECONOMIC	08/15/2023	7x16H	FP	800	MCCULLOUG500	295
295706	Term	BUY	ECONOMIC	08/15/2023	Heavy Load	FP	800	REDB	369
274046	Term	BUY	ECONOMIC	08/16/2023	Hourly	FP	120	MEAD230	41.99

282862	Term	BUY	ECONOMIC	08/16/2023	6x8 (Superpeak)	FP	800	MEAD230	292.94
283775	Term	BUY	ECONOMIC	08/16/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	08/16/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284627	Term	BUY	ECONOMIC	08/16/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	08/16/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	08/16/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	08/16/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	08/16/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	08/16/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	08/16/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	08/16/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	08/16/2023	7x16H	FP	800	MEAD230	222
297159	LD	BUY	ECONOMIC	08/16/2023	7x16H	FP	-3	MEAD230	1050
297160	LD	BUY	ECONOMIC	08/16/2023	7x16H	FP	-24	MEAD230	1050
297161	LD	BUY	ECONOMIC	08/16/2023	7x16H	FP	-16	MEAD230	1050
297162	LD	BUY	ECONOMIC	08/16/2023	7x16H	FP	-32	MEAD230	1050
297165	LD	BUY	ECONOMIC	08/16/2023	6x8 (Superpeak)	FP	-25	MEAD230	1050
297166	LD	BUY	ECONOMIC	08/16/2023	Hourly	FP	-8	MEAD230	1050
293867	Term	BUY	ECONOMIC	08/16/2023	7x16H	FP	800	PALOVERDE500	330
293868	Term	BUY	ECONOMIC	08/16/2023	7x16H	FP	800	MEAD230	335
293872	Term	BUY	ECONOMIC	08/16/2023	7x16H	FP	400	MEAD230	355.9
293873	Term	BUY	ECONOMIC	08/16/2023	7x 1-6, 15-24	FP	1600	MEAD230	423.37
294396	Term	BUY	ECONOMIC	08/16/2023	7x8 (15-22)	FP	400	MCCULLOUG500	383.77
294397	Term	BUY	ECONOMIC	08/16/2023	7x8 (15-22)	FP	400	PALOVERDE500	383.77
294924	Term	BUY	ECONOMIC	08/16/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294932	Term	BUY	ECONOMIC	08/16/2023	7x 1-6, 15-24	FP	800	MEAD230	423.37
295556	Term	BUY	ECONOMIC	08/16/2023	7x 1-6, 15-24	FP	1600	MEAD230	423.37
295557	Term	BUY	ECONOMIC	08/16/2023	7x16H	FP	400	MCCULLOUG500	250
295558	Term	BUY	ECONOMIC	08/16/2023	7x16H	FP	1200	MCCULLOUG500	349
295559	Term	BUY	ECONOMIC	08/16/2023	7x16H	FP	400	NAVAJO500	312
295560	Term	BUY	ECONOMIC	08/16/2023	Heavy Load	FP	400	PALOVERDE500	1033.75
297146	DA	BUY	ECONOMIC	08/16/2023	Heavy Load	FP	800	MEAD230	1050
297148	DA	BUY	ECONOMIC	08/16/2023	Hourly	FP	400	MCCULLOUG500	1000
297149	DA	BUY	ECONOMIC	08/16/2023	Hourly	FP	400	PALOVERDE500	1000
297163	LD	BUY	ECONOMIC	08/16/2023	7x16H	FP	-75	MCCULLOUG500	250
293875	Term	BUY	ECONOMIC	08/16/2023	7x16H	FP	3200	MEAD230	258.4
293876	Term	BUY	ECONOMIC	08/16/2023	Heavy Load	FP	400	PALOVERDE500	1033.75
294928	Term	BUY	ECONOMIC	08/16/2023	7x16H	FP	400	MCCULLOUG500	155
294931	Term	BUY	ECONOMIC	08/16/2023	7x16H	FP	1600	MCCULLOUG500	295
294934	Term	BUY	ECONOMIC	08/16/2023	7x16H	FP	400	MEAD230	297
294935	Term	BUY	ECONOMIC	08/16/2023	Heavy Load	FP	800	REDB	1039
294938	Term	BUY	ECONOMIC	08/16/2023	7x16H	FP	400	MEAD230	291.77
295006	Term	BUY	ECONOMIC	08/16/2023	7x16H	FP	800	MCCULLOUG500	295
295706	Term	BUY	ECONOMIC	08/16/2023	Heavy Load	FP	800	REDB	1051
297164	LD	BUY	ECONOMIC	08/16/2023	7x16H	FP	-40	MCCULLOUG500	155
274046	Term	BUY	ECONOMIC	08/17/2023	Hourly	FP	120	MEAD230	41.99
282862	Term	BUY	ECONOMIC	08/17/2023	6x8 (Superpeak)	FP	800	MEAD230	292.94
283775	Term	BUY	ECONOMIC	08/17/2023	7x 1-6, 15-24	FP	1696	REDB	259.33

283776	Term	BUY	ECONOMIC	08/17/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284627	Term	BUY	ECONOMIC	08/17/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	08/17/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	08/17/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	08/17/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	08/17/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	08/17/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	08/17/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	08/17/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	08/17/2023	7x16H	FP	800	MEAD230	222
297169	LD	BUY	ECONOMIC	08/17/2023	7x16H	FP	-106	MEAD230	203
293867	Term	BUY	ECONOMIC	08/17/2023	7x16H	FP	800	PALOVERDE500	330
293868	Term	BUY	ECONOMIC	08/17/2023	7x16H	FP	800	MEAD230	335
293872	Term	BUY	ECONOMIC	08/17/2023	7x16H	FP	400	MEAD230	355.9
293873	Term	BUY	ECONOMIC	08/17/2023	7x 1-6, 15-24	FP	1600	MEAD230	197.49
294396	Term	BUY	ECONOMIC	08/17/2023	7x8 (15-22)	FP	400	MCCULLOUG500	383.77
294397	Term	BUY	ECONOMIC	08/17/2023	7x8 (15-22)	FP	400	PALOVERDE500	383.77
294924	Term	BUY	ECONOMIC	08/17/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294932	Term	BUY	ECONOMIC	08/17/2023	7x 1-6, 15-24	FP	800	MEAD230	197.49
295556	Term	BUY	ECONOMIC	08/17/2023	7x 1-6, 15-24	FP	1600	MEAD230	197.49
295557	Term	BUY	ECONOMIC	08/17/2023	7x16H	FP	400	MCCULLOUG500	250
295558	Term	BUY	ECONOMIC	08/17/2023	7x16H	FP	1200	MCCULLOUG500	349
295559	Term	BUY	ECONOMIC	08/17/2023	7x16H	FP	400	NAVAJO500	312
295560	Term	BUY	ECONOMIC	08/17/2023	Heavy Load	FP	400	PALOVERDE500	228.32
297168	LD	BUY	ECONOMIC	08/17/2023	7x16H	FP	-105	MCCULLOUG500	250
297382	LD	BUY	ECONOMIC	08/17/2023	7x16H	FP	-25	MCCULLOUG500	155
293875	Term	BUY	ECONOMIC	08/17/2023	7x16H	FP	3200	MEAD230	258.4
293876	Term	BUY	ECONOMIC	08/17/2023	Heavy Load	FP	400	PALOVERDE500	228.32
294928	Term	BUY	ECONOMIC	08/17/2023	7x16H	FP	400	MCCULLOUG500	155
294931	Term	BUY	ECONOMIC	08/17/2023	7x16H	FP	1600	MCCULLOUG500	295
294934	Term	BUY	ECONOMIC	08/17/2023	7x16H	FP	400	MEAD230	297
294935	Term	BUY	ECONOMIC	08/17/2023	Heavy Load	FP	800	REDB	225.17
294938	Term	BUY	ECONOMIC	08/17/2023	7x16H	FP	400	MEAD230	291.77
295006	Term	BUY	ECONOMIC	08/17/2023	7x16H	FP	800	MCCULLOUG500	295
295706	Term	BUY	ECONOMIC	08/17/2023	Heavy Load	FP	800	REDB	237.17
297167	DA	SELL	ECONOMIC	08/18/2023	Heavy Load	FP	400	MEAD230	77
274046	Term	BUY	ECONOMIC	08/18/2023	Hourly	FP	120	MEAD230	41.99
282862	Term	BUY	ECONOMIC	08/18/2023	6x8 (Superpeak)	FP	800	MEAD230	292.94
283775	Term	BUY	ECONOMIC	08/18/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	08/18/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284627	Term	BUY	ECONOMIC	08/18/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	08/18/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	08/18/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	08/18/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	08/18/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	08/18/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	08/18/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	08/18/2023	7x16H	FP	800	MEAD230	175

284638	Term	BUY	ECONOMIC	08/18/2023	7x16H	FP	800	MEAD230	222
293867	Term	BUY	ECONOMIC	08/18/2023	7x16H	FP	800	PALOVERDE500	330
293868	Term	BUY	ECONOMIC	08/18/2023	7x16H	FP	800	MEAD230	335
293872	Term	BUY	ECONOMIC	08/18/2023	7x16H	FP	400	MEAD230	355.9
293873	Term	BUY	ECONOMIC	08/18/2023	7x 1-6, 15-24	FP	1600	MEAD230	151.88
294396	Term	BUY	ECONOMIC	08/18/2023	7x8 (15-22)	FP	400	MCCULLOUG500	383.77
294397	Term	BUY	ECONOMIC	08/18/2023	7x8 (15-22)	FP	400	PALOVERDE500	383.77
294924	Term	BUY	ECONOMIC	08/18/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294932	Term	BUY	ECONOMIC	08/18/2023	7x 1-6, 15-24	FP	800	MEAD230	151.88
295556	Term	BUY	ECONOMIC	08/18/2023	7x 1-6, 15-24	FP	1600	MEAD230	151.88
295557	Term	BUY	ECONOMIC	08/18/2023	7x16H	FP	400	MCCULLOUG500	250
295558	Term	BUY	ECONOMIC	08/18/2023	7x16H	FP	1200	MCCULLOUG500	349
295559	Term	BUY	ECONOMIC	08/18/2023	7x16H	FP	400	NAVAJO500	312
295560	Term	BUY	ECONOMIC	08/18/2023	Heavy Load	FP	400	PALOVERDE500	110.8
297129	LD	BUY	ECONOMIC	08/18/2023	7x16H	FP	-44	MCCULLOUG500	250
297177	RT	SELL	ECONOMIC	08/18/2023	Hourly	FP	225	NAVAJO500	55
297178	RT	SELL	ECONOMIC	08/18/2023	Hourly	FP	375	MEAD230	100
297181	RT	SELL	ECONOMIC	08/18/2023	Hourly	FP	450	MEAD230	110
297186	RT	SELL	ECONOMIC	08/18/2023	Hourly	FP	300	NAVAJO500	65
293875	Term	BUY	ECONOMIC	08/18/2023	7x16H	FP	3200	MEAD230	258.4
293876	Term	BUY	ECONOMIC	08/18/2023	Heavy Load	FP	400	PALOVERDE500	110.8
294928	Term	BUY	ECONOMIC	08/18/2023	7x16H	FP	400	MCCULLOUG500	155
294931	Term	BUY	ECONOMIC	08/18/2023	7x16H	FP	1600	MCCULLOUG500	295
294934	Term	BUY	ECONOMIC	08/18/2023	7x16H	FP	400	MEAD230	297
294935	Term	BUY	ECONOMIC	08/18/2023	Heavy Load	FP	800	REDB	118.42
294938	Term	BUY	ECONOMIC	08/18/2023	7x16H	FP	400	MEAD230	291.77
295006	Term	BUY	ECONOMIC	08/18/2023	7x16H	FP	800	MCCULLOUG500	295
295706	Term	BUY	ECONOMIC	08/18/2023	Heavy Load	FP	800	REDB	130.42
297220	LD	BUY	ECONOMIC	08/18/2023	7x16H	FP	-9	MCCULLOUG500	155
297167	DA	SELL	ECONOMIC	08/19/2023	Heavy Load	FP	400	MEAD230	77
274046	Term	BUY	ECONOMIC	08/19/2023	Hourly	FP	120	MEAD230	41.99
282862	Term	BUY	ECONOMIC	08/19/2023	6x8 (Superpeak)	FP	800	MEAD230	292.94
283775	Term	BUY	ECONOMIC	08/19/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	08/19/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284627	Term	BUY	ECONOMIC	08/19/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	08/19/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	08/19/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	08/19/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	08/19/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	08/19/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	08/19/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	08/19/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	08/19/2023	7x16H	FP	800	MEAD230	222
293867	Term	BUY	ECONOMIC	08/19/2023	7x16H	FP	800	PALOVERDE500	330
293868	Term	BUY	ECONOMIC	08/19/2023	7x16H	FP	800	MEAD230	335
293872	Term	BUY	ECONOMIC	08/19/2023	7x16H	FP	400	MEAD230	355.9
293873	Term	BUY	ECONOMIC	08/19/2023	7x 1-6, 15-24	FP	1600	MEAD230	143.55
294396	Term	BUY	ECONOMIC	08/19/2023	7x8 (15-22)	FP	400	MCCULLOUG500	383.77

294397	Term	BUY	ECONOMIC	08/19/2023	7x8 (15-22)	FP	400	PALOVERDE500	383.77
294924	Term	BUY	ECONOMIC	08/19/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294932	Term	BUY	ECONOMIC	08/19/2023	7x 1-6, 15-24	FP	800	MEAD230	143.55
295556	Term	BUY	ECONOMIC	08/19/2023	7x 1-6, 15-24	FP	1600	MEAD230	143.55
295557	Term	BUY	ECONOMIC	08/19/2023	7x16H	FP	400	MCCULLOUG500	250
295558	Term	BUY	ECONOMIC	08/19/2023	7x16H	FP	1200	MCCULLOUG500	349
295559	Term	BUY	ECONOMIC	08/19/2023	7x16H	FP	400	NAVAJO500	312
295560	Term	BUY	ECONOMIC	08/19/2023	Heavy Load	FP	400	PALOVERDE500	110.8
297202	LD	BUY	ECONOMIC	08/19/2023	7x16H	FP	-46	MCCULLOUG500	250
297193	RT	SELL	ECONOMIC	08/19/2023	Hourly	FP	135	NAVAJO500	45
297199	RT	SELL	ECONOMIC	08/19/2023	Hourly	FP	100	MEAD230	36
297194	RT	SELL	ECONOMIC	08/19/2023	Hourly	FP	200	NAVAJO500	45
293875	Term	BUY	ECONOMIC	08/19/2023	7x16H	FP	3200	MEAD230	258.4
293876	Term	BUY	ECONOMIC	08/19/2023	Heavy Load	FP	400	PALOVERDE500	110.8
294928	Term	BUY	ECONOMIC	08/19/2023	7x16H	FP	400	MCCULLOUG500	155
294931	Term	BUY	ECONOMIC	08/19/2023	7x16H	FP	1600	MCCULLOUG500	295
294934	Term	BUY	ECONOMIC	08/19/2023	7x16H	FP	400	MEAD230	297
294935	Term	BUY	ECONOMIC	08/19/2023	Heavy Load	FP	800	REDB	118.42
294938	Term	BUY	ECONOMIC	08/19/2023	7x16H	FP	400	MEAD230	291.77
295006	Term	BUY	ECONOMIC	08/19/2023	7x16H	FP	800	MCCULLOUG500	295
295706	Term	BUY	ECONOMIC	08/19/2023	Heavy Load	FP	800	REDB	130.42
297203	LD	BUY	ECONOMIC	08/19/2023	7x16H	FP	-2	MCCULLOUG500	155
274046	Term	BUY	ECONOMIC	08/20/2023	Hourly	FP	120	MEAD230	41.99
283775	Term	BUY	ECONOMIC	08/20/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	08/20/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284627	Term	BUY	ECONOMIC	08/20/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	08/20/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	08/20/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	08/20/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	08/20/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	08/20/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	08/20/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	08/20/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	08/20/2023	7x16H	FP	800	MEAD230	222
293867	Term	BUY	ECONOMIC	08/20/2023	7x16H	FP	800	PALOVERDE500	330
293868	Term	BUY	ECONOMIC	08/20/2023	7x16H	FP	800	MEAD230	335
293872	Term	BUY	ECONOMIC	08/20/2023	7x16H	FP	400	MEAD230	355.9
293873	Term	BUY	ECONOMIC	08/20/2023	7x 1-6, 15-24	FP	1600	MEAD230	140.64
294396	Term	BUY	ECONOMIC	08/20/2023	7x8 (15-22)	FP	400	MCCULLOUG500	383.77
294397	Term	BUY	ECONOMIC	08/20/2023	7x8 (15-22)	FP	400	PALOVERDE500	383.77
294924	Term	BUY	ECONOMIC	08/20/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294932	Term	BUY	ECONOMIC	08/20/2023	7x 1-6, 15-24	FP	800	MEAD230	140.64
295556	Term	BUY	ECONOMIC	08/20/2023	7x 1-6, 15-24	FP	1600	MEAD230	140.64
295557	Term	BUY	ECONOMIC	08/20/2023	7x16H	FP	400	MCCULLOUG500	250
295558	Term	BUY	ECONOMIC	08/20/2023	7x16H	FP	1200	MCCULLOUG500	349
295559	Term	BUY	ECONOMIC	08/20/2023	7x16H	FP	400	NAVAJO500	312
297129	LD	BUY	ECONOMIC	08/20/2023	7x16H	FP	-3	MCCULLOUG500	250
297174	DA	SELL	ECONOMIC	08/20/2023	Light Load	FP	600	MEAD230	50

297175	DA	SELL	ECONOMIC	08/20/2023	Light Load	FP	96	MEAD230	50
297176	DA	SELL	ECONOMIC	08/20/2023	Light Load	FP	600	MEAD230	47.5
297207	RT	SELL	ECONOMIC	08/20/2023	Hourly	FP	550	MEAD230	55
293875	Term	BUY	ECONOMIC	08/20/2023	7x16H	FP	3200	MEAD230	258.4
294928	Term	BUY	ECONOMIC	08/20/2023	7x16H	FP	400	MCCULLOUG500	155
294931	Term	BUY	ECONOMIC	08/20/2023	7x16H	FP	1600	MCCULLOUG500	295
294934	Term	BUY	ECONOMIC	08/20/2023	7x16H	FP	400	MEAD230	297
294938	Term	BUY	ECONOMIC	08/20/2023	7x16H	FP	400	MEAD230	291.77
295006	Term	BUY	ECONOMIC	08/20/2023	7x16H	FP	800	MCCULLOUG500	295
297204	RT	SELL	ECONOMIC	08/20/2023	Hourly	FP	160	NAVAJO500	40
297170	DA	SELL	ECONOMIC	08/21/2023	Heavy Load	FP	400	MEAD230	65
297171	DA	SELL	ECONOMIC	08/21/2023	Heavy Load	FP	400	MEAD230	66
297172	DA	SELL	ECONOMIC	08/21/2023	Heavy Load	FP	400	MEAD230	66
297173	DA	SELL	ECONOMIC	08/21/2023	Heavy Load	FP	400	MEAD230	66
274046	Term	BUY	ECONOMIC	08/21/2023	Hourly	FP	120	MEAD230	41.99
282862	Term	BUY	ECONOMIC	08/21/2023	6x8 (Superpeak)	FP	800	MEAD230	292.94
283775	Term	BUY	ECONOMIC	08/21/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	08/21/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284627	Term	BUY	ECONOMIC	08/21/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	08/21/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	08/21/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	08/21/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	08/21/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	08/21/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	08/21/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	08/21/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	08/21/2023	7x16H	FP	800	MEAD230	222
297241	LD	BUY	ECONOMIC	08/21/2023	7x 1-6, 15-24	FP	-33	REDB	259.33
293867	Term	BUY	ECONOMIC	08/21/2023	7x16H	FP	800	PALOVERDE500	330
293868	Term	BUY	ECONOMIC	08/21/2023	7x16H	FP	800	MEAD230	335
293872	Term	BUY	ECONOMIC	08/21/2023	7x16H	FP	400	MEAD230	355.9
293873	Term	BUY	ECONOMIC	08/21/2023	7x 1-6, 15-24	FP	1600	MEAD230	140.95
294396	Term	BUY	ECONOMIC	08/21/2023	7x8 (15-22)	FP	400	MCCULLOUG500	383.77
294397	Term	BUY	ECONOMIC	08/21/2023	7x8 (15-22)	FP	400	PALOVERDE500	383.77
294924	Term	BUY	ECONOMIC	08/21/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294932	Term	BUY	ECONOMIC	08/21/2023	7x 1-6, 15-24	FP	800	MEAD230	140.95
295556	Term	BUY	ECONOMIC	08/21/2023	7x 1-6, 15-24	FP	1600	MEAD230	140.95
295557	Term	BUY	ECONOMIC	08/21/2023	7x16H	FP	400	MCCULLOUG500	250
295558	Term	BUY	ECONOMIC	08/21/2023	7x16H	FP	1200	MCCULLOUG500	349
295559	Term	BUY	ECONOMIC	08/21/2023	7x16H	FP	400	NAVAJO500	312
295560	Term	BUY	ECONOMIC	08/21/2023	Heavy Load	FP	400	PALOVERDE500	99.38
297174	DA	SELL	ECONOMIC	08/21/2023	Light Load	FP	200	MEAD230	50
297175	DA	SELL	ECONOMIC	08/21/2023	Light Load	FP	32	MEAD230	50
297176	DA	SELL	ECONOMIC	08/21/2023	Light Load	FP	200	MEAD230	47.5
297221	RT	SELL	ECONOMIC	08/21/2023	Hourly	FP	575	MEAD230	10
297222	RT	SELL	ECONOMIC	08/21/2023	Hourly	FP	400	MEAD230	8
297223	RT	SELL	ECONOMIC	08/21/2023	Hourly	FP	400	MEAD230	10
297224	RT	SELL	ECONOMIC	08/21/2023	Hourly	FP	750	M345	10

297225	RT	SELL	ECONOMIC	08/21/2023	Hourly	FP	150	MEAD230	15
297226	RT	SELL	ECONOMIC	08/21/2023	Hourly	FP	65	MEAD230	20
297229	RT	SELL	ECONOMIC	08/21/2023	Hourly	FP	25	MEAD230	15
297240	LD	SELL	ECONOMIC	08/21/2023	Hourly	FP	-9	MEAD230	10
293875	Term	BUY	ECONOMIC	08/21/2023	7x16H	FP	3200	MEAD230	258.4
293876	Term	BUY	ECONOMIC	08/21/2023	Heavy Load	FP	400	PALOVERDE500	99.38
294928	Term	BUY	ECONOMIC	08/21/2023	7x16H	FP	400	MCCULLOUG500	155
294931	Term	BUY	ECONOMIC	08/21/2023	7x16H	FP	1600	MCCULLOUG500	295
294934	Term	BUY	ECONOMIC	08/21/2023	7x16H	FP	400	MEAD230	297
294935	Term	BUY	ECONOMIC	08/21/2023	Heavy Load	FP	800	REDB	105.57
294938	Term	BUY	ECONOMIC	08/21/2023	7x16H	FP	400	MEAD230	291.77
295006	Term	BUY	ECONOMIC	08/21/2023	7x16H	FP	800	MCCULLOUG500	295
295706	Term	BUY	ECONOMIC	08/21/2023	Heavy Load	FP	800	REDB	117.57
297211	RT	SELL	ECONOMIC	08/21/2023	Hourly	FP	42	MEAD230	30
297212	RT	SELL	ECONOMIC	08/21/2023	Hourly	FP	658	MEAD230	30
297213	RT	SELL	ECONOMIC	08/21/2023	Hourly	FP	400	MEAD230	20
297239	LD	SELL	ECONOMIC	08/21/2023	Hourly	FP	-17	MEAD230	20
297234	DA	SELL	ECONOMIC	08/22/2023	Hourly	FP	825	MEAD230	35.67
297235	DA	SELL	ECONOMIC	08/22/2023	Hourly	FP	290	ELDORADO230	39.22
274046	Term	BUY	ECONOMIC	08/22/2023	Hourly	FP	120	MEAD230	41.99
282862	Term	BUY	ECONOMIC	08/22/2023	6x8 (Superpeak)	FP	800	MEAD230	292.94
283775	Term	BUY	ECONOMIC	08/22/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	08/22/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284627	Term	BUY	ECONOMIC	08/22/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	08/22/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	08/22/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	08/22/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	08/22/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	08/22/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	08/22/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	08/22/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	08/22/2023	7x16H	FP	800	MEAD230	222
293867	Term	BUY	ECONOMIC	08/22/2023	7x16H	FP	800	PALOVERDE500	330
293868	Term	BUY	ECONOMIC	08/22/2023	7x16H	FP	800	MEAD230	335
293872	Term	BUY	ECONOMIC	08/22/2023	7x16H	FP	400	MEAD230	355.9
293873	Term	BUY	ECONOMIC	08/22/2023	7x 1-6, 15-24	FP	1600	MEAD230	138.31
294396	Term	BUY	ECONOMIC	08/22/2023	7x8 (15-22)	FP	400	MCCULLOUG500	383.77
294397	Term	BUY	ECONOMIC	08/22/2023	7x8 (15-22)	FP	400	PALOVERDE500	383.77
294924	Term	BUY	ECONOMIC	08/22/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294932	Term	BUY	ECONOMIC	08/22/2023	7x 1-6, 15-24	FP	800	MEAD230	138.31
295556	Term	BUY	ECONOMIC	08/22/2023	7x 1-6, 15-24	FP	1600	MEAD230	138.31
295557	Term	BUY	ECONOMIC	08/22/2023	7x16H	FP	400	MCCULLOUG500	250
295558	Term	BUY	ECONOMIC	08/22/2023	7x16H	FP	1200	MCCULLOUG500	349
295559	Term	BUY	ECONOMIC	08/22/2023	7x16H	FP	400	NAVAJO500	312
295560	Term	BUY	ECONOMIC	08/22/2023	Heavy Load	FP	400	PALOVERDE500	93.5
297218	DA	SELL	ECONOMIC	08/22/2023	Heavy Load	FP	400	MEAD230	65
297219	DA	SELL	ECONOMIC	08/22/2023	Heavy Load	FP	1280	MEAD230	65
293875	Term	BUY	ECONOMIC	08/22/2023	7x16H	FP	3200	MEAD230	258.4

293876	Term	BUY	ECONOMIC	08/22/2023	Heavy Load	FP	400	PALOVERDE500	93.5
294928	Term	BUY	ECONOMIC	08/22/2023	7x16H	FP	400	MCCULLOUG500	155
294931	Term	BUY	ECONOMIC	08/22/2023	7x16H	FP	1600	MCCULLOUG500	295
294934	Term	BUY	ECONOMIC	08/22/2023	7x16H	FP	400	MEAD230	297
294935	Term	BUY	ECONOMIC	08/22/2023	Heavy Load	FP	800	REDB	102.44
294938	Term	BUY	ECONOMIC	08/22/2023	7x16H	FP	400	MEAD230	291.77
295006	Term	BUY	ECONOMIC	08/22/2023	7x16H	FP	800	MCCULLOUG500	295
295706	Term	BUY	ECONOMIC	08/22/2023	Heavy Load	FP	800	REDB	114.44
297243	LD	BUY	ECONOMIC	08/22/2023	7x16H	FP	-17	MEAD230	258.4
297244	LD	BUY	ECONOMIC	08/22/2023	7x16H	FP	-25	MCCULLOUG500	295
297249	RT	SELL	ECONOMIC	08/23/2023	Hourly	FP	40	MEAD230	45
297252	Opt	BUY	ECONOMIC	08/23/2023	Hourly	FP	10	MCCULLOUG500	100
274046	Term	BUY	ECONOMIC	08/23/2023	Hourly	FP	120	MEAD230	41.99
282862	Term	BUY	ECONOMIC	08/23/2023	6x8 (Superpeak)	FP	800	MEAD230	292.94
283775	Term	BUY	ECONOMIC	08/23/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	08/23/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284627	Term	BUY	ECONOMIC	08/23/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	08/23/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	08/23/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	08/23/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	08/23/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	08/23/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	08/23/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	08/23/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	08/23/2023	7x16H	FP	800	MEAD230	222
293867	Term	BUY	ECONOMIC	08/23/2023	7x16H	FP	800	PALOVERDE500	330
293868	Term	BUY	ECONOMIC	08/23/2023	7x16H	FP	800	MEAD230	335
293872	Term	BUY	ECONOMIC	08/23/2023	7x16H	FP	400	MEAD230	355.9
293873	Term	BUY	ECONOMIC	08/23/2023	7x 1-6, 15-24	FP	1600	MEAD230	137.74
294396	Term	BUY	ECONOMIC	08/23/2023	7x8 (15-22)	FP	400	MCCULLOUG500	383.77
294397	Term	BUY	ECONOMIC	08/23/2023	7x8 (15-22)	FP	400	PALOVERDE500	383.77
294924	Term	BUY	ECONOMIC	08/23/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294932	Term	BUY	ECONOMIC	08/23/2023	7x 1-6, 15-24	FP	800	MEAD230	137.74
295556	Term	BUY	ECONOMIC	08/23/2023	7x 1-6, 15-24	FP	1600	MEAD230	137.74
295557	Term	BUY	ECONOMIC	08/23/2023	7x16H	FP	400	MCCULLOUG500	250
295558	Term	BUY	ECONOMIC	08/23/2023	7x16H	FP	1200	MCCULLOUG500	349
295559	Term	BUY	ECONOMIC	08/23/2023	7x16H	FP	400	NAVAJO500	312
295560	Term	BUY	ECONOMIC	08/23/2023	Heavy Load	FP	400	PALOVERDE500	96.5
297242	DA	SELL	ECONOMIC	08/23/2023	Heavy Load	FP	1280	MEAD230	67
297384	Cap	BUY	ECONOMIC	08/23/2023	Hourly	SR	40	MCCULLOUG500	35
297245	RT	SELL	ECONOMIC	08/23/2023	Hourly	FP	100	MEAD230	33
293875	Term	BUY	ECONOMIC	08/23/2023	7x16H	FP	3200	MEAD230	258.4
293876	Term	BUY	ECONOMIC	08/23/2023	Heavy Load	FP	400	PALOVERDE500	96.5
294928	Term	BUY	ECONOMIC	08/23/2023	7x16H	FP	400	MCCULLOUG500	155
294931	Term	BUY	ECONOMIC	08/23/2023	7x16H	FP	1600	MCCULLOUG500	295
294934	Term	BUY	ECONOMIC	08/23/2023	7x16H	FP	400	MEAD230	297
294935	Term	BUY	ECONOMIC	08/23/2023	Heavy Load	FP	800	REDB	103.25
294938	Term	BUY	ECONOMIC	08/23/2023	7x16H	FP	400	MEAD230	291.77

295006	Term	BUY	ECONOMIC	08/23/2023	7x16H	FP	800	MCCULLOUGH500	295
295706	Term	BUY	ECONOMIC	08/23/2023	Heavy Load	FP	800	REDB	115.25
297259	RT	SELL	ECONOMIC	08/24/2023	Hourly	FP	50	MEAD230	65
274046	Term	BUY	ECONOMIC	08/24/2023	Hourly	FP	120	MEAD230	41.99
282862	Term	BUY	ECONOMIC	08/24/2023	6x8 (Superpeak)	FP	800	MEAD230	292.94
283775	Term	BUY	ECONOMIC	08/24/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	08/24/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284627	Term	BUY	ECONOMIC	08/24/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	08/24/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	08/24/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	08/24/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	08/24/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	08/24/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	08/24/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	08/24/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	08/24/2023	7x16H	FP	800	MEAD230	222
293867	Term	BUY	ECONOMIC	08/24/2023	7x16H	FP	800	PALOVERDE500	330
293868	Term	BUY	ECONOMIC	08/24/2023	7x16H	FP	800	MEAD230	335
293872	Term	BUY	ECONOMIC	08/24/2023	7x16H	FP	400	MEAD230	355.9
293873	Term	BUY	ECONOMIC	08/24/2023	7x 1-6, 15-24	FP	1600	MEAD230	136.53
294396	Term	BUY	ECONOMIC	08/24/2023	7x8 (15-22)	FP	400	MCCULLOUGH500	383.77
294397	Term	BUY	ECONOMIC	08/24/2023	7x8 (15-22)	FP	400	PALOVERDE500	383.77
294924	Term	BUY	ECONOMIC	08/24/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294932	Term	BUY	ECONOMIC	08/24/2023	7x 1-6, 15-24	FP	800	MEAD230	136.53
295556	Term	BUY	ECONOMIC	08/24/2023	7x 1-6, 15-24	FP	1600	MEAD230	136.53
295557	Term	BUY	ECONOMIC	08/24/2023	7x16H	FP	400	MCCULLOUGH500	250
295558	Term	BUY	ECONOMIC	08/24/2023	7x16H	FP	1200	MCCULLOUGH500	349
295559	Term	BUY	ECONOMIC	08/24/2023	7x16H	FP	400	NAVAJO500	312
295560	Term	BUY	ECONOMIC	08/24/2023	Heavy Load	FP	400	PALOVERDE500	93.75
297246	DA	SELL	ECONOMIC	08/24/2023	Heavy Load	FP	1280	MEAD230	64
297255	RT	SELL	ECONOMIC	08/24/2023	Hourly	FP	350	MEAD230	38
293875	Term	BUY	ECONOMIC	08/24/2023	7x16H	FP	3200	MEAD230	258.4
293876	Term	BUY	ECONOMIC	08/24/2023	Heavy Load	FP	400	PALOVERDE500	93.75
294928	Term	BUY	ECONOMIC	08/24/2023	7x16H	FP	400	MCCULLOUGH500	155
294931	Term	BUY	ECONOMIC	08/24/2023	7x16H	FP	1600	MCCULLOUGH500	295
294934	Term	BUY	ECONOMIC	08/24/2023	7x16H	FP	400	MEAD230	297
294935	Term	BUY	ECONOMIC	08/24/2023	Heavy Load	FP	800	REDB	100.8
294938	Term	BUY	ECONOMIC	08/24/2023	7x16H	FP	400	MEAD230	291.77
295006	Term	BUY	ECONOMIC	08/24/2023	7x16H	FP	800	MCCULLOUGH500	295
295706	Term	BUY	ECONOMIC	08/24/2023	Heavy Load	FP	800	REDB	112.8
297262	RT	SELL	ECONOMIC	08/25/2023	Hourly	FP	150	MEAD230	38
297266	RT	SELL	ECONOMIC	08/25/2023	Hourly	FP	50	NAVAJO500	40
297267	RT	SELL	ECONOMIC	08/25/2023	Hourly	FP	32	NAVAJO500	40
274046	Term	BUY	ECONOMIC	08/25/2023	Hourly	FP	120	MEAD230	41.99
282862	Term	BUY	ECONOMIC	08/25/2023	6x8 (Superpeak)	FP	800	MEAD230	292.94
283775	Term	BUY	ECONOMIC	08/25/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	08/25/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284627	Term	BUY	ECONOMIC	08/25/2023	7x16H	FP	400	MEAD230	196

284628	Term	BUY	ECONOMIC	08/25/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	08/25/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	08/25/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	08/25/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	08/25/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	08/25/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	08/25/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	08/25/2023	7x16H	FP	800	MEAD230	222
293867	Term	BUY	ECONOMIC	08/25/2023	7x16H	FP	800	PALOVERDE500	330
293868	Term	BUY	ECONOMIC	08/25/2023	7x16H	FP	800	MEAD230	335
293872	Term	BUY	ECONOMIC	08/25/2023	7x16H	FP	400	MEAD230	355.9
293873	Term	BUY	ECONOMIC	08/25/2023	7x 1-6, 15-24	FP	1600	MEAD230	145.19
294396	Term	BUY	ECONOMIC	08/25/2023	7x8 (15-22)	FP	400	MCCULLOUG500	383.77
294397	Term	BUY	ECONOMIC	08/25/2023	7x8 (15-22)	FP	400	PALOVERDE500	383.77
294924	Term	BUY	ECONOMIC	08/25/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294932	Term	BUY	ECONOMIC	08/25/2023	7x 1-6, 15-24	FP	800	MEAD230	145.19
295556	Term	BUY	ECONOMIC	08/25/2023	7x 1-6, 15-24	FP	1600	MEAD230	145.19
295557	Term	BUY	ECONOMIC	08/25/2023	7x16H	FP	400	MCCULLOUG500	250
295558	Term	BUY	ECONOMIC	08/25/2023	7x16H	FP	1200	MCCULLOUG500	349
295559	Term	BUY	ECONOMIC	08/25/2023	7x16H	FP	400	NAVAJO500	312
295560	Term	BUY	ECONOMIC	08/25/2023	Heavy Load	FP	400	PALOVERDE500	99.62
297258	DA	SELL	ECONOMIC	08/25/2023	Heavy Load	FP	1280	MEAD230	64
297277	LD	BUY	ECONOMIC	08/25/2023	7x16H	FP	-52	MCCULLOUG500	250
293875	Term	BUY	ECONOMIC	08/25/2023	7x16H	FP	3200	MEAD230	258.4
293876	Term	BUY	ECONOMIC	08/25/2023	Heavy Load	FP	400	PALOVERDE500	99.62
294928	Term	BUY	ECONOMIC	08/25/2023	7x16H	FP	400	MCCULLOUG500	155
294931	Term	BUY	ECONOMIC	08/25/2023	7x16H	FP	1600	MCCULLOUG500	295
294934	Term	BUY	ECONOMIC	08/25/2023	7x16H	FP	400	MEAD230	297
294935	Term	BUY	ECONOMIC	08/25/2023	Heavy Load	FP	800	REDB	104.13
294938	Term	BUY	ECONOMIC	08/25/2023	7x16H	FP	400	MEAD230	291.77
295006	Term	BUY	ECONOMIC	08/25/2023	7x16H	FP	800	MCCULLOUG500	295
295706	Term	BUY	ECONOMIC	08/25/2023	Heavy Load	FP	800	REDB	116.13
297271	RT	SELL	ECONOMIC	08/25/2023	Hourly	FP	200	MEAD230	70
297272	RT	SELL	ECONOMIC	08/25/2023	Hourly	FP	60	MEAD230	77
274046	Term	BUY	ECONOMIC	08/26/2023	Hourly	FP	120	MEAD230	41.99
282862	Term	BUY	ECONOMIC	08/26/2023	6x8 (Superpeak)	FP	800	MEAD230	292.94
283775	Term	BUY	ECONOMIC	08/26/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	08/26/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284627	Term	BUY	ECONOMIC	08/26/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	08/26/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	08/26/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	08/26/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	08/26/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	08/26/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	08/26/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	08/26/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	08/26/2023	7x16H	FP	800	MEAD230	222
293867	Term	BUY	ECONOMIC	08/26/2023	7x16H	FP	800	PALOVERDE500	330

293868	Term	BUY	ECONOMIC	08/26/2023	7x16H	FP	800	MEAD230	335
293872	Term	BUY	ECONOMIC	08/26/2023	7x16H	FP	400	MEAD230	355.9
293873	Term	BUY	ECONOMIC	08/26/2023	7x 1-6, 15-24	FP	1600	MEAD230	144.49
294396	Term	BUY	ECONOMIC	08/26/2023	7x8 (15-22)	FP	400	MCCULLOUG500	383.77
294397	Term	BUY	ECONOMIC	08/26/2023	7x8 (15-22)	FP	400	PALOVERDE500	383.77
294924	Term	BUY	ECONOMIC	08/26/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294932	Term	BUY	ECONOMIC	08/26/2023	7x 1-6, 15-24	FP	800	MEAD230	144.49
295556	Term	BUY	ECONOMIC	08/26/2023	7x 1-6, 15-24	FP	1600	MEAD230	144.49
295557	Term	BUY	ECONOMIC	08/26/2023	7x16H	FP	400	MCCULLOUG500	250
295558	Term	BUY	ECONOMIC	08/26/2023	7x16H	FP	1200	MCCULLOUG500	349
295559	Term	BUY	ECONOMIC	08/26/2023	7x16H	FP	400	NAVAJO500	312
295560	Term	BUY	ECONOMIC	08/26/2023	Heavy Load	FP	400	PALOVERDE500	99.62
297258	DA	SELL	ECONOMIC	08/26/2023	Heavy Load	FP	1280	MEAD230	64
297285	LD	BUY	ECONOMIC	08/26/2023	7x16H	FP	-54	MCCULLOUG500	250
293875	Term	BUY	ECONOMIC	08/26/2023	7x16H	FP	3200	MEAD230	258.4
293876	Term	BUY	ECONOMIC	08/26/2023	Heavy Load	FP	400	PALOVERDE500	99.62
294928	Term	BUY	ECONOMIC	08/26/2023	7x16H	FP	400	MCCULLOUG500	155
294931	Term	BUY	ECONOMIC	08/26/2023	7x16H	FP	1600	MCCULLOUG500	295
294934	Term	BUY	ECONOMIC	08/26/2023	7x16H	FP	400	MEAD230	297
294935	Term	BUY	ECONOMIC	08/26/2023	Heavy Load	FP	800	REDB	104.13
294938	Term	BUY	ECONOMIC	08/26/2023	7x16H	FP	400	MEAD230	291.77
295006	Term	BUY	ECONOMIC	08/26/2023	7x16H	FP	800	MCCULLOUG500	295
295706	Term	BUY	ECONOMIC	08/26/2023	Heavy Load	FP	800	REDB	116.13
297278	RT	SELL	ECONOMIC	08/26/2023	Hourly	FP	30	NAVAJO500	48
297281	RT	SELL	ECONOMIC	08/26/2023	Hourly	FP	210	NAVAJO500	57
297286	RT	SELL	ECONOMIC	08/27/2023	Hourly	FP	170	NAVAJO500	45
274046	Term	BUY	ECONOMIC	08/27/2023	Hourly	FP	120	MEAD230	41.99
283775	Term	BUY	ECONOMIC	08/27/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	08/27/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284627	Term	BUY	ECONOMIC	08/27/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	08/27/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	08/27/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	08/27/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	08/27/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	08/27/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	08/27/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	08/27/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	08/27/2023	7x16H	FP	800	MEAD230	222
293867	Term	BUY	ECONOMIC	08/27/2023	7x16H	FP	800	PALOVERDE500	330
293868	Term	BUY	ECONOMIC	08/27/2023	7x16H	FP	800	MEAD230	335
293872	Term	BUY	ECONOMIC	08/27/2023	7x16H	FP	400	MEAD230	355.9
293873	Term	BUY	ECONOMIC	08/27/2023	7x 1-6, 15-24	FP	1600	MEAD230	150.76
294396	Term	BUY	ECONOMIC	08/27/2023	7x8 (15-22)	FP	400	MCCULLOUG500	383.77
294397	Term	BUY	ECONOMIC	08/27/2023	7x8 (15-22)	FP	400	PALOVERDE500	383.77
294924	Term	BUY	ECONOMIC	08/27/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294932	Term	BUY	ECONOMIC	08/27/2023	7x 1-6, 15-24	FP	800	MEAD230	150.76
295556	Term	BUY	ECONOMIC	08/27/2023	7x 1-6, 15-24	FP	1600	MEAD230	150.76
295557	Term	BUY	ECONOMIC	08/27/2023	7x16H	FP	400	MCCULLOUG500	250

295558	Term	BUY	ECONOMIC	08/27/2023	7x16H	FP	1200	MCCULLOUG500	349
295559	Term	BUY	ECONOMIC	08/27/2023	7x16H	FP	400	NAVAJO500	312
297314	LD	BUY	ECONOMIC	08/27/2023	7x16H	FP	-35	MCCULLOUG500	250
293875	Term	BUY	ECONOMIC	08/27/2023	7x16H	FP	3200	MEAD230	258.4
294928	Term	BUY	ECONOMIC	08/27/2023	7x16H	FP	400	MCCULLOUG500	155
294931	Term	BUY	ECONOMIC	08/27/2023	7x16H	FP	1600	MCCULLOUG500	295
294934	Term	BUY	ECONOMIC	08/27/2023	7x16H	FP	400	MEAD230	297
294938	Term	BUY	ECONOMIC	08/27/2023	7x16H	FP	400	MEAD230	291.77
295006	Term	BUY	ECONOMIC	08/27/2023	7x16H	FP	800	MCCULLOUG500	295
297290	RT	SELL	ECONOMIC	08/27/2023	Hourly	FP	58	MEAD230	45
297291	RT	SELL	ECONOMIC	08/27/2023	Hourly	FP	156	MEAD230	45
297293	RT	SELL	ECONOMIC	08/27/2023	Hourly	FP	310	NAVAJO500	70
297296	RT	SELL	ECONOMIC	08/27/2023	Hourly	FP	78	MEAD230	52
297297	RT	SELL	ECONOMIC	08/27/2023	Hourly	FP	75	NAVAJO500	60
297299	RT	SELL	ECONOMIC	08/27/2023	Hourly	FP	50	NAVAJO500	90
297300	RT	SELL	ECONOMIC	08/27/2023	Hourly	FP	50	MEAD230	90
297311	RT	SELL	ECONOMIC	08/27/2023	Hourly	FP	50	MEAD230	120
274046	Term	BUY	ECONOMIC	08/28/2023	Hourly	FP	120	MEAD230	41.99
282862	Term	BUY	ECONOMIC	08/28/2023	6x8 (Superpeak)	FP	800	MEAD230	292.94
283775	Term	BUY	ECONOMIC	08/28/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	08/28/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284627	Term	BUY	ECONOMIC	08/28/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	08/28/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	08/28/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	08/28/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	08/28/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	08/28/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	08/28/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	08/28/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	08/28/2023	7x16H	FP	800	MEAD230	222
297318	LD	BUY	ECONOMIC	08/28/2023	6x8 (Superpeak)	FP	-1	MEAD230	292.94
293867	Term	BUY	ECONOMIC	08/28/2023	7x16H	FP	800	PALOVERDE500	330
293868	Term	BUY	ECONOMIC	08/28/2023	7x16H	FP	800	MEAD230	335
293872	Term	BUY	ECONOMIC	08/28/2023	7x16H	FP	400	MEAD230	355.9
293873	Term	BUY	ECONOMIC	08/28/2023	7x 1-6, 15-24	FP	1600	MEAD230	224.89
294396	Term	BUY	ECONOMIC	08/28/2023	7x8 (15-22)	FP	400	MCCULLOUG500	383.77
294397	Term	BUY	ECONOMIC	08/28/2023	7x8 (15-22)	FP	400	PALOVERDE500	383.77
294924	Term	BUY	ECONOMIC	08/28/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294932	Term	BUY	ECONOMIC	08/28/2023	7x 1-6, 15-24	FP	800	MEAD230	224.89
295556	Term	BUY	ECONOMIC	08/28/2023	7x 1-6, 15-24	FP	1600	MEAD230	224.89
295557	Term	BUY	ECONOMIC	08/28/2023	7x16H	FP	400	MCCULLOUG500	250
295558	Term	BUY	ECONOMIC	08/28/2023	7x16H	FP	1200	MCCULLOUG500	349
295559	Term	BUY	ECONOMIC	08/28/2023	7x16H	FP	400	NAVAJO500	312
295560	Term	BUY	ECONOMIC	08/28/2023	Heavy Load	FP	400	PALOVERDE500	178.67
297263	DA	SELL	ECONOMIC	08/28/2023	Heavy Load	FP	1280	MEAD230	145
297315	LD	BUY	ECONOMIC	08/28/2023	7x16H	FP	-322	MCCULLOUG500	349
297316	LD	BUY	ECONOMIC	08/28/2023	7x16H	FP	-125	MCCULLOUG500	250
293875	Term	BUY	ECONOMIC	08/28/2023	7x16H	FP	3200	MEAD230	258.4

293876	Term	BUY	ECONOMIC	08/28/2023	Heavy Load	FP	400	PALOVERDE500	178.67
294928	Term	BUY	ECONOMIC	08/28/2023	7x16H	FP	400	MCCULLOUG500	155
294931	Term	BUY	ECONOMIC	08/28/2023	7x16H	FP	1600	MCCULLOUG500	295
294934	Term	BUY	ECONOMIC	08/28/2023	7x16H	FP	400	MEAD230	297
294935	Term	BUY	ECONOMIC	08/28/2023	Heavy Load	FP	800	REDB	183.67
294938	Term	BUY	ECONOMIC	08/28/2023	7x16H	FP	400	MEAD230	291.77
295006	Term	BUY	ECONOMIC	08/28/2023	7x16H	FP	800	MCCULLOUG500	295
295706	Term	BUY	ECONOMIC	08/28/2023	Heavy Load	FP	800	REDB	195.67
297317	LD	BUY	ECONOMIC	08/28/2023	Heavy Load	FP	-2	REDB	195.67
297319	LD	BUY	ECONOMIC	08/28/2023	7x16H	FP	-11	MCCULLOUG500	155
274046	Term	BUY	ECONOMIC	08/29/2023	Hourly	FP	120	MEAD230	41.99
282862	Term	BUY	ECONOMIC	08/29/2023	6x8 (Superpeak)	FP	800	MEAD230	292.94
283775	Term	BUY	ECONOMIC	08/29/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	08/29/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284627	Term	BUY	ECONOMIC	08/29/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	08/29/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	08/29/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	08/29/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	08/29/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	08/29/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	08/29/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	08/29/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	08/29/2023	7x16H	FP	800	MEAD230	222
297322	LD	BUY	ECONOMIC	08/29/2023	7x16H	FP	-50	MEAD230	177.5
297323	LD	BUY	ECONOMIC	08/29/2023	7x16H	FP	-50	MEAD230	167.5
297325	LD	BUY	ECONOMIC	08/29/2023	7x 1-6, 15-24	FP	-1	REDB	259.33
297326	LD	BUY	ECONOMIC	08/29/2023	6x8 (Superpeak)	FP	-60	MEAD230	292.94
293867	Term	BUY	ECONOMIC	08/29/2023	7x16H	FP	800	PALOVERDE500	330
293868	Term	BUY	ECONOMIC	08/29/2023	7x16H	FP	800	MEAD230	335
293872	Term	BUY	ECONOMIC	08/29/2023	7x16H	FP	400	MEAD230	355.9
293873	Term	BUY	ECONOMIC	08/29/2023	7x 1-6, 15-24	FP	1600	MEAD230	209.58
294396	Term	BUY	ECONOMIC	08/29/2023	7x8 (15-22)	FP	400	MCCULLOUG500	383.77
294397	Term	BUY	ECONOMIC	08/29/2023	7x8 (15-22)	FP	400	PALOVERDE500	383.77
294924	Term	BUY	ECONOMIC	08/29/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294932	Term	BUY	ECONOMIC	08/29/2023	7x 1-6, 15-24	FP	800	MEAD230	209.58
295556	Term	BUY	ECONOMIC	08/29/2023	7x 1-6, 15-24	FP	1600	MEAD230	209.58
295557	Term	BUY	ECONOMIC	08/29/2023	7x16H	FP	400	MCCULLOUG500	250
295558	Term	BUY	ECONOMIC	08/29/2023	7x16H	FP	1200	MCCULLOUG500	349
295559	Term	BUY	ECONOMIC	08/29/2023	7x16H	FP	400	NAVAJO500	312
295560	Term	BUY	ECONOMIC	08/29/2023	Heavy Load	FP	400	PALOVERDE500	233.32
297320	LD	BUY	ECONOMIC	08/29/2023	7x16H	FP	-59	MCCULLOUG500	250
293875	Term	BUY	ECONOMIC	08/29/2023	7x16H	FP	3200	MEAD230	258.4
293876	Term	BUY	ECONOMIC	08/29/2023	Heavy Load	FP	400	PALOVERDE500	233.32
294928	Term	BUY	ECONOMIC	08/29/2023	7x16H	FP	400	MCCULLOUG500	155
294931	Term	BUY	ECONOMIC	08/29/2023	7x16H	FP	1600	MCCULLOUG500	295
294934	Term	BUY	ECONOMIC	08/29/2023	7x16H	FP	400	MEAD230	297
294935	Term	BUY	ECONOMIC	08/29/2023	Heavy Load	FP	800	REDB	235.5
294938	Term	BUY	ECONOMIC	08/29/2023	7x16H	FP	400	MEAD230	291.77

295006	Term	BUY	ECONOMIC	08/29/2023	7x16H	FP	800	MCCULLOUGH500	295
295706	Term	BUY	ECONOMIC	08/29/2023	Heavy Load	FP	800	REDB	247.5
297321	LD	BUY	ECONOMIC	08/29/2023	7x16H	FP	-5	MCCULLOUGH500	155
274046	Term	BUY	ECONOMIC	08/30/2023	Hourly	FP	120	MEAD230	41.99
282862	Term	BUY	ECONOMIC	08/30/2023	6x8 (Superpeak)	FP	800	MEAD230	292.94
283775	Term	BUY	ECONOMIC	08/30/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	08/30/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284627	Term	BUY	ECONOMIC	08/30/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	08/30/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	08/30/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	08/30/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	08/30/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	08/30/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	08/30/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	08/30/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	08/30/2023	7x16H	FP	800	MEAD230	222
297328	LD	BUY	ECONOMIC	08/30/2023	7x 1-6, 15-24	FP	-7	REDB	259.33
297332	LD	BUY	ECONOMIC	08/30/2023	7x16H	FP	-2	MEAD230	175
297334	LD	BUY	ECONOMIC	08/30/2023	7x16H	FP	-125	MEAD230	203
297335	LD	BUY	ECONOMIC	08/30/2023	7x16H	FP	-125	MEAD230	200
297336	LD	BUY	ECONOMIC	08/30/2023	7x16H	FP	-125	MEAD230	196
293867	Term	BUY	ECONOMIC	08/30/2023	7x16H	FP	800	PALOVERDE500	330
293868	Term	BUY	ECONOMIC	08/30/2023	7x16H	FP	800	MEAD230	335
293872	Term	BUY	ECONOMIC	08/30/2023	7x16H	FP	400	MEAD230	355.9
293873	Term	BUY	ECONOMIC	08/30/2023	7x 1-6, 15-24	FP	1600	MEAD230	186.96
294396	Term	BUY	ECONOMIC	08/30/2023	7x8 (15-22)	FP	400	MCCULLOUGH500	383.77
294397	Term	BUY	ECONOMIC	08/30/2023	7x8 (15-22)	FP	400	PALOVERDE500	383.77
294924	Term	BUY	ECONOMIC	08/30/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294932	Term	BUY	ECONOMIC	08/30/2023	7x 1-6, 15-24	FP	800	MEAD230	186.96
295556	Term	BUY	ECONOMIC	08/30/2023	7x 1-6, 15-24	FP	1600	MEAD230	186.96
295557	Term	BUY	ECONOMIC	08/30/2023	7x16H	FP	400	MCCULLOUGH500	250
295558	Term	BUY	ECONOMIC	08/30/2023	7x16H	FP	1200	MCCULLOUGH500	349
295559	Term	BUY	ECONOMIC	08/30/2023	7x16H	FP	400	NAVAJO500	312
295560	Term	BUY	ECONOMIC	08/30/2023	Heavy Load	FP	400	PALOVERDE500	141.76
297331	LD	BUY	ECONOMIC	08/30/2023	7x16H	FP	-100	MCCULLOUGH500	250
297333	LD	BUY	ECONOMIC	08/30/2023	7x16H	FP	-65	MEAD230	335
297338	LD	BUY	ECONOMIC	08/30/2023	7x16H	FP	-8	MCCULLOUGH500	349
297339	LD	BUY	ECONOMIC	08/30/2023	7x16H	FP	-15	MEAD230	355.9
297329	RT	SELL	ECONOMIC	08/30/2023	Hourly	FP	50	MEAD230	65
293875	Term	BUY	ECONOMIC	08/30/2023	7x16H	FP	3200	MEAD230	258.4
293876	Term	BUY	ECONOMIC	08/30/2023	Heavy Load	FP	400	PALOVERDE500	141.76
294928	Term	BUY	ECONOMIC	08/30/2023	7x16H	FP	400	MCCULLOUGH500	155
294931	Term	BUY	ECONOMIC	08/30/2023	7x16H	FP	1600	MCCULLOUGH500	295
294934	Term	BUY	ECONOMIC	08/30/2023	7x16H	FP	400	MEAD230	297
294935	Term	BUY	ECONOMIC	08/30/2023	Heavy Load	FP	800	REDB	145.56
294938	Term	BUY	ECONOMIC	08/30/2023	7x16H	FP	400	MEAD230	291.77
295006	Term	BUY	ECONOMIC	08/30/2023	7x16H	FP	800	MCCULLOUGH500	295
295706	Term	BUY	ECONOMIC	08/30/2023	Heavy Load	FP	800	REDB	157.56

297337	LD	BUY	ECONOMIC	08/30/2023	Heavy Load	FP	-28	REDB	145.56
297340	LD	BUY	ECONOMIC	08/30/2023	7x16H	FP	-12	MCCULLOUGH500	155
274046	Term	BUY	ECONOMIC	08/31/2023	Hourly	FP	120	MEAD230	41.99
282862	Term	BUY	ECONOMIC	08/31/2023	6x8 (Superpeak)	FP	800	MEAD230	292.94
283775	Term	BUY	ECONOMIC	08/31/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	08/31/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284627	Term	BUY	ECONOMIC	08/31/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	08/31/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	08/31/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	08/31/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	08/31/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	08/31/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	08/31/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	08/31/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	08/31/2023	7x16H	FP	800	MEAD230	222
297343	LD	BUY	ECONOMIC	08/31/2023	7x16H	FP	-25	MEAD230	170.63
297345	LD	BUY	ECONOMIC	08/31/2023	7x16H	FP	-25	MEAD230	203
297346	LD	BUY	ECONOMIC	08/31/2023	7x16H	FP	-25	MEAD230	200
293867	Term	BUY	ECONOMIC	08/31/2023	7x16H	FP	800	PALOVERDE500	330
293868	Term	BUY	ECONOMIC	08/31/2023	7x16H	FP	800	MEAD230	335
293872	Term	BUY	ECONOMIC	08/31/2023	7x16H	FP	400	MEAD230	355.9
293873	Term	BUY	ECONOMIC	08/31/2023	7x 1-6, 15-24	FP	1600	MEAD230	138.13
294396	Term	BUY	ECONOMIC	08/31/2023	7x8 (15-22)	FP	400	MCCULLOUGH500	383.77
294397	Term	BUY	ECONOMIC	08/31/2023	7x8 (15-22)	FP	400	PALOVERDE500	383.77
294924	Term	BUY	ECONOMIC	08/31/2023	7x 1-6, 15-24	FP	800	MEAD230	285
294932	Term	BUY	ECONOMIC	08/31/2023	7x 1-6, 15-24	FP	800	MEAD230	138.13
295556	Term	BUY	ECONOMIC	08/31/2023	7x 1-6, 15-24	FP	1600	MEAD230	138.13
295557	Term	BUY	ECONOMIC	08/31/2023	7x16H	FP	400	MCCULLOUGH500	250
295558	Term	BUY	ECONOMIC	08/31/2023	7x16H	FP	1200	MCCULLOUGH500	349
295559	Term	BUY	ECONOMIC	08/31/2023	7x16H	FP	400	NAVAJO500	312
295560	Term	BUY	ECONOMIC	08/31/2023	Heavy Load	FP	400	PALOVERDE500	103.56
297341	LD	BUY	ECONOMIC	08/31/2023	7x16H	FP	-52	MCCULLOUGH500	250
293875	Term	BUY	ECONOMIC	08/31/2023	7x16H	FP	3200	MEAD230	258.4
293876	Term	BUY	ECONOMIC	08/31/2023	Heavy Load	FP	400	PALOVERDE500	103.56
294928	Term	BUY	ECONOMIC	08/31/2023	7x16H	FP	400	MCCULLOUGH500	155
294931	Term	BUY	ECONOMIC	08/31/2023	7x16H	FP	1600	MCCULLOUGH500	295
294934	Term	BUY	ECONOMIC	08/31/2023	7x16H	FP	400	MEAD230	297
294935	Term	BUY	ECONOMIC	08/31/2023	Heavy Load	FP	800	REDB	109.5
294938	Term	BUY	ECONOMIC	08/31/2023	7x16H	FP	400	MEAD230	291.77
295006	Term	BUY	ECONOMIC	08/31/2023	7x16H	FP	800	MCCULLOUGH500	295
295706	Term	BUY	ECONOMIC	08/31/2023	Heavy Load	FP	800	REDB	121.5
297342	LD	BUY	ECONOMIC	08/31/2023	7x16H	FP	-25	MCCULLOUGH500	155
282862	Term	BUY	ECONOMIC	09/01/2023	6x8 (Superpeak)	FP	800	MEAD230	292.94
283775	Term	BUY	ECONOMIC	09/01/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	09/01/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284627	Term	BUY	ECONOMIC	09/01/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	09/01/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	09/01/2023	7x16H	FP	400	MEAD230	203

284630	Term	BUY	ECONOMIC	09/01/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	09/01/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	09/01/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	09/01/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	09/01/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	09/01/2023	7x16H	FP	800	MEAD230	222
297350	LD	BUY	ECONOMIC	09/01/2023	7x16H	FP	-19	MEAD230	203
294398	Term	BUY	ECONOMIC	09/01/2023	7x8 (15-22)	FP	400	MCCULLOUGH500	324.42
294399	Term	BUY	ECONOMIC	09/01/2023	7x8 (15-22)	FP	400	PALOVERDE500	324.42
295556	Term	BUY	ECONOMIC	09/01/2023	7x 1-6, 15-24	FP	1600	MEAD230	131.13
296158	Term	BUY	ECONOMIC	09/01/2023	7x16H	FP	800	MEAD230	230
294928	Term	BUY	ECONOMIC	09/01/2023	7x16H	FP	400	MCCULLOUGH500	155
297351	LD	BUY	ECONOMIC	09/01/2023	7x16H	FP	-15	MCCULLOUGH500	155
297344	RT	SELL	ECONOMIC	09/01/2023	Hourly	FP	360	NAVAJO500	46
297352	RT	SELL	ECONOMIC	09/02/2023	Hourly	FP	50	MEAD230	36
282862	Term	BUY	ECONOMIC	09/02/2023	6x8 (Superpeak)	FP	800	MEAD230	292.94
283775	Term	BUY	ECONOMIC	09/02/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	09/02/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284627	Term	BUY	ECONOMIC	09/02/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	09/02/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	09/02/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	09/02/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	09/02/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	09/02/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	09/02/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	09/02/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	09/02/2023	7x16H	FP	800	MEAD230	222
294398	Term	BUY	ECONOMIC	09/02/2023	7x8 (15-22)	FP	400	MCCULLOUGH500	324.42
294399	Term	BUY	ECONOMIC	09/02/2023	7x8 (15-22)	FP	400	PALOVERDE500	324.42
295556	Term	BUY	ECONOMIC	09/02/2023	7x 1-6, 15-24	FP	1600	MEAD230	128.46
296158	Term	BUY	ECONOMIC	09/02/2023	7x16H	FP	800	MEAD230	230
294928	Term	BUY	ECONOMIC	09/02/2023	7x16H	FP	400	MCCULLOUGH500	155
283775	Term	BUY	ECONOMIC	09/03/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	09/03/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284627	Term	BUY	ECONOMIC	09/03/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	09/03/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	09/03/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	09/03/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	09/03/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	09/03/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	09/03/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	09/03/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	09/03/2023	7x16H	FP	800	MEAD230	222
297355	LD	BUY	ECONOMIC	09/03/2023	7x16H	FP	-30	MEAD230	203
294398	Term	BUY	ECONOMIC	09/03/2023	7x8 (15-22)	FP	400	MCCULLOUGH500	324.42
294399	Term	BUY	ECONOMIC	09/03/2023	7x8 (15-22)	FP	400	PALOVERDE500	324.42
295556	Term	BUY	ECONOMIC	09/03/2023	7x 1-6, 15-24	FP	1600	MEAD230	120.27
296158	Term	BUY	ECONOMIC	09/03/2023	7x16H	FP	800	MEAD230	230

294928	Term	BUY	ECONOMIC	09/03/2023	7x16H	FP	400	MCCULLOUGH500	155
283775	Term	BUY	ECONOMIC	09/04/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	09/04/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284627	Term	BUY	ECONOMIC	09/04/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	09/04/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	09/04/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	09/04/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	09/04/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	09/04/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	09/04/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	09/04/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	09/04/2023	7x16H	FP	800	MEAD230	222
297356	LD	BUY	ECONOMIC	09/04/2023	7x16H	FP	-29	MEAD230	203
294398	Term	BUY	ECONOMIC	09/04/2023	7x8 (15-22)	FP	400	MCCULLOUGH500	324.42
294399	Term	BUY	ECONOMIC	09/04/2023	7x8 (15-22)	FP	400	PALOVERDE500	324.42
295556	Term	BUY	ECONOMIC	09/04/2023	7x 1-6, 15-24	FP	1600	MEAD230	120.87
296158	Term	BUY	ECONOMIC	09/04/2023	7x16H	FP	800	MEAD230	230
294928	Term	BUY	ECONOMIC	09/04/2023	7x16H	FP	400	MCCULLOUGH500	155
297357	RT	SELL	ECONOMIC	09/05/2023	Hourly	FP	1000	MEAD230	30
282862	Term	BUY	ECONOMIC	09/05/2023	6x8 (Superpeak)	FP	800	MEAD230	292.94
283775	Term	BUY	ECONOMIC	09/05/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	09/05/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284627	Term	BUY	ECONOMIC	09/05/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	09/05/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	09/05/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	09/05/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	09/05/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	09/05/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	09/05/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	09/05/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	09/05/2023	7x16H	FP	800	MEAD230	222
294398	Term	BUY	ECONOMIC	09/05/2023	7x8 (15-22)	FP	400	MCCULLOUGH500	324.42
294399	Term	BUY	ECONOMIC	09/05/2023	7x8 (15-22)	FP	400	PALOVERDE500	324.42
295556	Term	BUY	ECONOMIC	09/05/2023	7x 1-6, 15-24	FP	1600	MEAD230	128.73
296158	Term	BUY	ECONOMIC	09/05/2023	7x16H	FP	800	MEAD230	230
294928	Term	BUY	ECONOMIC	09/05/2023	7x16H	FP	400	MCCULLOUGH500	155
297360	RT	SELL	ECONOMIC	09/05/2023	Hourly	FP	300	MEAD230	35
282862	Term	BUY	ECONOMIC	09/06/2023	6x8 (Superpeak)	FP	800	MEAD230	292.94
283775	Term	BUY	ECONOMIC	09/06/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	09/06/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284627	Term	BUY	ECONOMIC	09/06/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	09/06/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	09/06/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	09/06/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	09/06/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	09/06/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	09/06/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	09/06/2023	7x16H	FP	800	MEAD230	175

284638	Term	BUY	ECONOMIC	09/06/2023	7x16H	FP	800	MEAD230	222
294398	Term	BUY	ECONOMIC	09/06/2023	7x8 (15-22)	FP	400	MCCULLOUG500	324.42
294399	Term	BUY	ECONOMIC	09/06/2023	7x8 (15-22)	FP	400	PALOVERDE500	324.42
295556	Term	BUY	ECONOMIC	09/06/2023	7x 1-6, 15-24	FP	1600	MEAD230	131.16
296158	Term	BUY	ECONOMIC	09/06/2023	7x16H	FP	800	MEAD230	230
294928	Term	BUY	ECONOMIC	09/06/2023	7x16H	FP	400	MCCULLOUG500	155
282862	Term	BUY	ECONOMIC	09/07/2023	6x8 (Superpeak)	FP	800	MEAD230	292.94
283775	Term	BUY	ECONOMIC	09/07/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	09/07/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284627	Term	BUY	ECONOMIC	09/07/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	09/07/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	09/07/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	09/07/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	09/07/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	09/07/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	09/07/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	09/07/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	09/07/2023	7x16H	FP	800	MEAD230	222
294398	Term	BUY	ECONOMIC	09/07/2023	7x8 (15-22)	FP	400	MCCULLOUG500	324.42
294399	Term	BUY	ECONOMIC	09/07/2023	7x8 (15-22)	FP	400	PALOVERDE500	324.42
295556	Term	BUY	ECONOMIC	09/07/2023	7x 1-6, 15-24	FP	1600	MEAD230	136.32
296158	Term	BUY	ECONOMIC	09/07/2023	7x16H	FP	800	MEAD230	230
294928	Term	BUY	ECONOMIC	09/07/2023	7x16H	FP	400	MCCULLOUG500	155
297366	RT	SELL	ECONOMIC	09/07/2023	Hourly	FP	126	MEAD230	46
297367	RT	SELL	ECONOMIC	09/07/2023	Hourly	FP	74	MEAD230	46
297590	RT	BUY	ECONOMIC	09/08/2023	Hourly	FP	60	MCCULLOUG500	28.54
297697	LD	BUY	ECONOMIC	09/08/2023	Hourly	FP	-13	MEAD230	203
297371	RT	SELL	ECONOMIC	09/08/2023	Hourly	FP	325	NAVAJO500	45
297377	RT	SELL	ECONOMIC	09/08/2023	Hourly	FP	150	MEAD230	55
297386	RT	SELL	ECONOMIC	09/08/2023	Hourly	FP	50	MEAD230	105
282862	Term	BUY	ECONOMIC	09/08/2023	6x8 (Superpeak)	FP	800	MEAD230	292.94
283775	Term	BUY	ECONOMIC	09/08/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	09/08/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284627	Term	BUY	ECONOMIC	09/08/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	09/08/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	09/08/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	09/08/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	09/08/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	09/08/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	09/08/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	09/08/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	09/08/2023	7x16H	FP	800	MEAD230	222
297390	LD	BUY	ECONOMIC	09/08/2023	7x16H	FP	-3	MEAD230	175
294398	Term	BUY	ECONOMIC	09/08/2023	7x8 (15-22)	FP	400	MCCULLOUG500	324.42
294399	Term	BUY	ECONOMIC	09/08/2023	7x8 (15-22)	FP	400	PALOVERDE500	324.42
295556	Term	BUY	ECONOMIC	09/08/2023	7x 1-6, 15-24	FP	1600	MEAD230	145.48
296158	Term	BUY	ECONOMIC	09/08/2023	7x16H	FP	800	MEAD230	230
297364	DA	SELL	ECONOMIC	09/08/2023	Hourly	FP	291	NORTHSYS	38

294928	Term	BUY	ECONOMIC	09/08/2023	7x16H	FP	400	MCCULLOUG500	155
297385	LD	BUY	ECONOMIC	09/08/2023	7x16H	FP	-112	MCCULLOUG500	155
297697	LD	BUY	ECONOMIC	09/09/2023	Hourly	FP	-8	MEAD230	203
297391	RT	SELL	ECONOMIC	09/09/2023	Hourly	FP	100	M345	36
297393	RT	SELL	ECONOMIC	09/09/2023	Hourly	FP	100	MEAD230	40
282862	Term	BUY	ECONOMIC	09/09/2023	6x8 (Superpeak)	FP	800	MEAD230	292.94
283775	Term	BUY	ECONOMIC	09/09/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	09/09/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284627	Term	BUY	ECONOMIC	09/09/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	09/09/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	09/09/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	09/09/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	09/09/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	09/09/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	09/09/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	09/09/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	09/09/2023	7x16H	FP	800	MEAD230	222
297397	LD	BUY	ECONOMIC	09/09/2023	7x16H	FP	-2	MEAD230	175
294398	Term	BUY	ECONOMIC	09/09/2023	7x8 (15-22)	FP	400	MCCULLOUG500	324.42
294399	Term	BUY	ECONOMIC	09/09/2023	7x8 (15-22)	FP	400	PALOVERDE500	324.42
295556	Term	BUY	ECONOMIC	09/09/2023	7x 1-6, 15-24	FP	1600	MEAD230	145.25
296158	Term	BUY	ECONOMIC	09/09/2023	7x16H	FP	800	MEAD230	230
297365	DA	SELL	ECONOMIC	09/09/2023	Hourly	FP	235	NORTHSYS	38
294928	Term	BUY	ECONOMIC	09/09/2023	7x16H	FP	400	MCCULLOUG500	155
297396	LD	BUY	ECONOMIC	09/09/2023	7x16H	FP	-25	MCCULLOUG500	155
297398	RT	SELL	ECONOMIC	09/10/2023	Hourly	FP	100	MEAD230	110
297399	RT	SELL	ECONOMIC	09/10/2023	Hourly	FP	280	NAVAJO500	80
283775	Term	BUY	ECONOMIC	09/10/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	09/10/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284627	Term	BUY	ECONOMIC	09/10/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	09/10/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	09/10/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	09/10/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	09/10/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	09/10/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	09/10/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	09/10/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	09/10/2023	7x16H	FP	800	MEAD230	222
294398	Term	BUY	ECONOMIC	09/10/2023	7x8 (15-22)	FP	400	MCCULLOUG500	324.42
294399	Term	BUY	ECONOMIC	09/10/2023	7x8 (15-22)	FP	400	PALOVERDE500	324.42
295556	Term	BUY	ECONOMIC	09/10/2023	7x 1-6, 15-24	FP	1600	MEAD230	150.83
296158	Term	BUY	ECONOMIC	09/10/2023	7x16H	FP	800	MEAD230	230
294928	Term	BUY	ECONOMIC	09/10/2023	7x16H	FP	400	MCCULLOUG500	155
282862	Term	BUY	ECONOMIC	09/11/2023	6x8 (Superpeak)	FP	800	MEAD230	292.94
283775	Term	BUY	ECONOMIC	09/11/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	09/11/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284627	Term	BUY	ECONOMIC	09/11/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	09/11/2023	7x16H	FP	400	MEAD230	200

284629	Term	BUY	ECONOMIC	09/11/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	09/11/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	09/11/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	09/11/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	09/11/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	09/11/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	09/11/2023	7x16H	FP	800	MEAD230	222
294398	Term	BUY	ECONOMIC	09/11/2023	7x8 (15-22)	FP	400	MCCULLOUG500	324.42
294399	Term	BUY	ECONOMIC	09/11/2023	7x8 (15-22)	FP	400	PALOVERDE500	324.42
295556	Term	BUY	ECONOMIC	09/11/2023	7x 1-6, 15-24	FP	1600	MEAD230	151.42
296158	Term	BUY	ECONOMIC	09/11/2023	7x16H	FP	800	MEAD230	230
297372	DA	SELL	ECONOMIC	09/11/2023	Heavy Load	FP	400	MEAD230	84
297405	LD	BUY	ECONOMIC	09/11/2023	7x8 (15-22)	FP	-2	PALOVERDE500	324.42
297406	LD	BUY	ECONOMIC	09/11/2023	7x8 (15-22)	FP	-2	MCCULLOUG500	324.42
294928	Term	BUY	ECONOMIC	09/11/2023	7x16H	FP	400	MCCULLOUG500	155
297404	LD	BUY	ECONOMIC	09/11/2023	7x16H	FP	-22	MCCULLOUG500	155
282862	Term	BUY	ECONOMIC	09/12/2023	6x8 (Superpeak)	FP	800	MEAD230	292.94
283775	Term	BUY	ECONOMIC	09/12/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	09/12/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284627	Term	BUY	ECONOMIC	09/12/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	09/12/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	09/12/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	09/12/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	09/12/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	09/12/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	09/12/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	09/12/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	09/12/2023	7x16H	FP	800	MEAD230	222
294398	Term	BUY	ECONOMIC	09/12/2023	7x8 (15-22)	FP	400	MCCULLOUG500	324.42
294399	Term	BUY	ECONOMIC	09/12/2023	7x8 (15-22)	FP	400	PALOVERDE500	324.42
295556	Term	BUY	ECONOMIC	09/12/2023	7x 1-6, 15-24	FP	1600	MEAD230	139.93
296158	Term	BUY	ECONOMIC	09/12/2023	7x16H	FP	800	MEAD230	230
294928	Term	BUY	ECONOMIC	09/12/2023	7x16H	FP	400	MCCULLOUG500	155
297408	Opt	BUY	ECONOMIC	09/13/2023	Hourly	FP	3	MCCULLOUG500	100
297409	Cap	BUY	ECONOMIC	09/13/2023	Hourly	SR	10	MCCULLOUG500	15
282862	Term	BUY	ECONOMIC	09/13/2023	6x8 (Superpeak)	FP	800	MEAD230	292.94
283775	Term	BUY	ECONOMIC	09/13/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	09/13/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284627	Term	BUY	ECONOMIC	09/13/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	09/13/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	09/13/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	09/13/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	09/13/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	09/13/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	09/13/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	09/13/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	09/13/2023	7x16H	FP	800	MEAD230	222
294398	Term	BUY	ECONOMIC	09/13/2023	7x8 (15-22)	FP	400	MCCULLOUG500	324.42

294399	Term	BUY	ECONOMIC	09/13/2023	7x8 (15-22)	FP	400	PALOVERDE500	324.42
295556	Term	BUY	ECONOMIC	09/13/2023	7x 1-6, 15-24	FP	1600	MEAD230	135.03
296158	Term	BUY	ECONOMIC	09/13/2023	7x16H	FP	800	MEAD230	230
294928	Term	BUY	ECONOMIC	09/13/2023	7x16H	FP	400	MCCULLOUG500	155
282862	Term	BUY	ECONOMIC	09/14/2023	6x8 (Superpeak)	FP	800	MEAD230	292.94
283775	Term	BUY	ECONOMIC	09/14/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	09/14/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284627	Term	BUY	ECONOMIC	09/14/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	09/14/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	09/14/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	09/14/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	09/14/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	09/14/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	09/14/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	09/14/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	09/14/2023	7x16H	FP	800	MEAD230	222
294398	Term	BUY	ECONOMIC	09/14/2023	7x8 (15-22)	FP	400	MCCULLOUG500	324.42
294399	Term	BUY	ECONOMIC	09/14/2023	7x8 (15-22)	FP	400	PALOVERDE500	324.42
295556	Term	BUY	ECONOMIC	09/14/2023	7x 1-6, 15-24	FP	1600	MEAD230	142.09
296158	Term	BUY	ECONOMIC	09/14/2023	7x16H	FP	800	MEAD230	230
294928	Term	BUY	ECONOMIC	09/14/2023	7x16H	FP	400	MCCULLOUG500	155
297412	RT	SELL	ECONOMIC	09/15/2023	Hourly	FP	600	MEAD230	40
297416	LD	SELL	ECONOMIC	09/15/2023	Hourly	FP	-22	MEAD230	40
282862	Term	BUY	ECONOMIC	09/15/2023	6x8 (Superpeak)	FP	800	MEAD230	292.94
283775	Term	BUY	ECONOMIC	09/15/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	09/15/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284627	Term	BUY	ECONOMIC	09/15/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	09/15/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	09/15/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	09/15/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	09/15/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	09/15/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	09/15/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	09/15/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	09/15/2023	7x16H	FP	800	MEAD230	222
294398	Term	BUY	ECONOMIC	09/15/2023	7x8 (15-22)	FP	400	MCCULLOUG500	324.42
294399	Term	BUY	ECONOMIC	09/15/2023	7x8 (15-22)	FP	400	PALOVERDE500	324.42
295556	Term	BUY	ECONOMIC	09/15/2023	7x 1-6, 15-24	FP	1600	MEAD230	143.88
296158	Term	BUY	ECONOMIC	09/15/2023	7x16H	FP	800	MEAD230	230
297415	RT	SELL	ECONOMIC	09/15/2023	Hourly	FP	750	MEAD230	40
294928	Term	BUY	ECONOMIC	09/15/2023	7x16H	FP	400	MCCULLOUG500	155
282862	Term	BUY	ECONOMIC	09/16/2023	6x8 (Superpeak)	FP	800	MEAD230	292.94
283775	Term	BUY	ECONOMIC	09/16/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	09/16/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284627	Term	BUY	ECONOMIC	09/16/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	09/16/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	09/16/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	09/16/2023	7x16H	FP	1600	MEAD230	168

284631	Term	BUY	ECONOMIC	09/16/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	09/16/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	09/16/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	09/16/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	09/16/2023	7x16H	FP	800	MEAD230	222
294398	Term	BUY	ECONOMIC	09/16/2023	7x8 (15-22)	FP	400	MCCULLOUG500	324.42
294399	Term	BUY	ECONOMIC	09/16/2023	7x8 (15-22)	FP	400	PALOVERDE500	324.42
295556	Term	BUY	ECONOMIC	09/16/2023	7x 1-6, 15-24	FP	1600	MEAD230	136.82
296158	Term	BUY	ECONOMIC	09/16/2023	7x16H	FP	800	MEAD230	230
294928	Term	BUY	ECONOMIC	09/16/2023	7x16H	FP	400	MCCULLOUG500	155
297419	RT	SELL	ECONOMIC	09/16/2023	Hourly	FP	450	MEAD230	40
283775	Term	BUY	ECONOMIC	09/17/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	09/17/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284627	Term	BUY	ECONOMIC	09/17/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	09/17/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	09/17/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	09/17/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	09/17/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	09/17/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	09/17/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	09/17/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	09/17/2023	7x16H	FP	800	MEAD230	222
294398	Term	BUY	ECONOMIC	09/17/2023	7x8 (15-22)	FP	400	MCCULLOUG500	324.42
294399	Term	BUY	ECONOMIC	09/17/2023	7x8 (15-22)	FP	400	PALOVERDE500	324.42
295556	Term	BUY	ECONOMIC	09/17/2023	7x 1-6, 15-24	FP	1600	MEAD230	131.15
296158	Term	BUY	ECONOMIC	09/17/2023	7x16H	FP	800	MEAD230	230
294928	Term	BUY	ECONOMIC	09/17/2023	7x16H	FP	400	MCCULLOUG500	155
297423	RT	SELL	ECONOMIC	09/17/2023	Hourly	FP	150	MEAD230	60
297424	RT	SELL	ECONOMIC	09/17/2023	Hourly	FP	100	REDB	64
297428	RT	SELL	ECONOMIC	09/18/2023	Hourly	FP	40	MEAD230	35
282862	Term	BUY	ECONOMIC	09/18/2023	6x8 (Superpeak)	FP	800	MEAD230	292.94
283775	Term	BUY	ECONOMIC	09/18/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	09/18/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284627	Term	BUY	ECONOMIC	09/18/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	09/18/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	09/18/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	09/18/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	09/18/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	09/18/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	09/18/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	09/18/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	09/18/2023	7x16H	FP	800	MEAD230	222
294398	Term	BUY	ECONOMIC	09/18/2023	7x8 (15-22)	FP	400	MCCULLOUG500	324.42
294399	Term	BUY	ECONOMIC	09/18/2023	7x8 (15-22)	FP	400	PALOVERDE500	324.42
295556	Term	BUY	ECONOMIC	09/18/2023	7x 1-6, 15-24	FP	1600	MEAD230	130.09
296158	Term	BUY	ECONOMIC	09/18/2023	7x16H	FP	800	MEAD230	230
297430	RT	SELL	ECONOMIC	09/18/2023	Hourly	FP	16	MEAD230	65
294928	Term	BUY	ECONOMIC	09/18/2023	7x16H	FP	400	MCCULLOUG500	155

282862	Term	BUY	ECONOMIC	09/19/2023	6x8 (Superpeak)	FP	800	MEAD230	292.94
283775	Term	BUY	ECONOMIC	09/19/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	09/19/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284627	Term	BUY	ECONOMIC	09/19/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	09/19/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	09/19/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	09/19/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	09/19/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	09/19/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	09/19/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	09/19/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	09/19/2023	7x16H	FP	800	MEAD230	222
297436	LD	BUY	ECONOMIC	09/19/2023	7x16H	FP	-25	MEAD230	168
297437	Term	BUY	ECONOMIC	09/19/2023	7x16H	FP	-18	MEAD230	175
294398	Term	BUY	ECONOMIC	09/19/2023	7x8 (15-22)	FP	400	MCCULLOUG500	324.42
294399	Term	BUY	ECONOMIC	09/19/2023	7x8 (15-22)	FP	400	PALOVERDE500	324.42
295556	Term	BUY	ECONOMIC	09/19/2023	7x 1-6, 15-24	FP	1600	MEAD230	130.12
296158	Term	BUY	ECONOMIC	09/19/2023	7x16H	FP	800	MEAD230	230
297432	RT	SELL	ECONOMIC	09/19/2023	Hourly	FP	20	MEAD230	45
294928	Term	BUY	ECONOMIC	09/19/2023	7x16H	FP	400	MCCULLOUG500	155
297438	Cap	BUY	ECONOMIC	09/20/2023	Hourly	SR	50	MCCULLOUG500	25
297439	Opt	BUY	ECONOMIC	09/20/2023	Hourly	FP	13	MCCULLOUG500	100
282862	Term	BUY	ECONOMIC	09/20/2023	6x8 (Superpeak)	FP	800	MEAD230	292.94
283775	Term	BUY	ECONOMIC	09/20/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	09/20/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284627	Term	BUY	ECONOMIC	09/20/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	09/20/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	09/20/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	09/20/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	09/20/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	09/20/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	09/20/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	09/20/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	09/20/2023	7x16H	FP	800	MEAD230	222
294398	Term	BUY	ECONOMIC	09/20/2023	7x8 (15-22)	FP	400	MCCULLOUG500	324.42
294399	Term	BUY	ECONOMIC	09/20/2023	7x8 (15-22)	FP	400	PALOVERDE500	324.42
295556	Term	BUY	ECONOMIC	09/20/2023	7x 1-6, 15-24	FP	1600	MEAD230	126.37
296158	Term	BUY	ECONOMIC	09/20/2023	7x16H	FP	800	MEAD230	230
294928	Term	BUY	ECONOMIC	09/20/2023	7x16H	FP	400	MCCULLOUG500	155
297448	RT	SELL	ECONOMIC	09/21/2023	Hourly	FP	200	MEAD230	35
297453	RT	SELL	ECONOMIC	09/21/2023	Hourly	FP	80	NAVAJO500	65
282862	Term	BUY	ECONOMIC	09/21/2023	6x8 (Superpeak)	FP	800	MEAD230	292.94
283775	Term	BUY	ECONOMIC	09/21/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	09/21/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284627	Term	BUY	ECONOMIC	09/21/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	09/21/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	09/21/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	09/21/2023	7x16H	FP	1600	MEAD230	168

284631	Term	BUY	ECONOMIC	09/21/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	09/21/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	09/21/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	09/21/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	09/21/2023	7x16H	FP	800	MEAD230	222
294398	Term	BUY	ECONOMIC	09/21/2023	7x8 (15-22)	FP	400	MCCULLOUG500	324.42
294399	Term	BUY	ECONOMIC	09/21/2023	7x8 (15-22)	FP	400	PALOVERDE500	324.42
295556	Term	BUY	ECONOMIC	09/21/2023	7x 1-6, 15-24	FP	1600	MEAD230	127.59
296158	Term	BUY	ECONOMIC	09/21/2023	7x16H	FP	800	MEAD230	230
297441	RT	SELL	ECONOMIC	09/21/2023	Hourly	FP	300	NAVAJO500	40
294928	Term	BUY	ECONOMIC	09/21/2023	7x16H	FP	400	MCCULLOUG500	155
297468	RT	SELL	ECONOMIC	09/22/2023	Hourly	FP	300	MEAD230	35
297470	RT	SELL	ECONOMIC	09/22/2023	Hourly	FP	200	MEAD230	65
297447	DA	SELL	ECONOMIC	09/22/2023	Heavy Load	FP	1200	MEAD230	42
297449	DA	SELL	ECONOMIC	09/22/2023	Light Load	FP	200	MEAD230	40
297450	DA	SELL	ECONOMIC	09/22/2023	Light Load	FP	200	MEAD230	40
282862	Term	BUY	ECONOMIC	09/22/2023	6x8 (Superpeak)	FP	800	MEAD230	292.94
283775	Term	BUY	ECONOMIC	09/22/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	09/22/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284627	Term	BUY	ECONOMIC	09/22/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	09/22/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	09/22/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	09/22/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	09/22/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	09/22/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	09/22/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	09/22/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	09/22/2023	7x16H	FP	800	MEAD230	222
294398	Term	BUY	ECONOMIC	09/22/2023	7x8 (15-22)	FP	400	MCCULLOUG500	324.42
294399	Term	BUY	ECONOMIC	09/22/2023	7x8 (15-22)	FP	400	PALOVERDE500	324.42
295556	Term	BUY	ECONOMIC	09/22/2023	7x 1-6, 15-24	FP	1600	MEAD230	132.1
296158	Term	BUY	ECONOMIC	09/22/2023	7x16H	FP	800	MEAD230	230
297445	DA	SELL	ECONOMIC	09/22/2023	Heavy Load	FP	800	MEAD230	40
297446	DA	SELL	ECONOMIC	09/22/2023	Heavy Load	FP	400	MEAD230	39
294928	Term	BUY	ECONOMIC	09/22/2023	7x16H	FP	400	MCCULLOUG500	155
297456	RT	SELL	ECONOMIC	09/22/2023	Hourly	FP	100	MEAD230	40
297473	RT	SELL	ECONOMIC	09/23/2023	Hourly	FP	150	MEAD230	35
297474	RT	SELL	ECONOMIC	09/23/2023	Hourly	FP	100	MEAD230	35
297447	DA	SELL	ECONOMIC	09/23/2023	Heavy Load	FP	1200	MEAD230	42
297449	DA	SELL	ECONOMIC	09/23/2023	Light Load	FP	200	MEAD230	40
297450	DA	SELL	ECONOMIC	09/23/2023	Light Load	FP	200	MEAD230	40
282862	Term	BUY	ECONOMIC	09/23/2023	6x8 (Superpeak)	FP	800	MEAD230	292.94
283775	Term	BUY	ECONOMIC	09/23/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	09/23/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284627	Term	BUY	ECONOMIC	09/23/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	09/23/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	09/23/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	09/23/2023	7x16H	FP	1600	MEAD230	168

284631	Term	BUY	ECONOMIC	09/23/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	09/23/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	09/23/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	09/23/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	09/23/2023	7x16H	FP	800	MEAD230	222
294398	Term	BUY	ECONOMIC	09/23/2023	7x8 (15-22)	FP	400	MCCULLOUG500	324.42
294399	Term	BUY	ECONOMIC	09/23/2023	7x8 (15-22)	FP	400	PALOVERDE500	324.42
295556	Term	BUY	ECONOMIC	09/23/2023	7x 1-6, 15-24	FP	1600	MEAD230	123.36
296158	Term	BUY	ECONOMIC	09/23/2023	7x16H	FP	800	MEAD230	230
297445	DA	SELL	ECONOMIC	09/23/2023	Heavy Load	FP	800	MEAD230	40
297446	DA	SELL	ECONOMIC	09/23/2023	Heavy Load	FP	400	MEAD230	39
294928	Term	BUY	ECONOMIC	09/23/2023	7x16H	FP	400	MCCULLOUG500	155
297460	DA	SELL	ECONOMIC	09/24/2023	Light Load NERC	FP	1200	MEAD230	37.5
297461	DA	SELL	ECONOMIC	09/24/2023	7x16H	FP	800	MEAD230	40
297465	DA	SELL	ECONOMIC	09/24/2023	7x16H	FP	720	MEAD230	35
283775	Term	BUY	ECONOMIC	09/24/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	09/24/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284627	Term	BUY	ECONOMIC	09/24/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	09/24/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	09/24/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	09/24/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	09/24/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	09/24/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	09/24/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	09/24/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	09/24/2023	7x16H	FP	800	MEAD230	222
294398	Term	BUY	ECONOMIC	09/24/2023	7x8 (15-22)	FP	400	MCCULLOUG500	324.42
294399	Term	BUY	ECONOMIC	09/24/2023	7x8 (15-22)	FP	400	PALOVERDE500	324.42
295556	Term	BUY	ECONOMIC	09/24/2023	7x 1-6, 15-24	FP	1600	MEAD230	126.04
296158	Term	BUY	ECONOMIC	09/24/2023	7x16H	FP	800	MEAD230	230
294928	Term	BUY	ECONOMIC	09/24/2023	7x16H	FP	400	MCCULLOUG500	155
297460	DA	SELL	ECONOMIC	09/25/2023	Light Load NERC	FP	400	MEAD230	37.5
297462	DA	SELL	ECONOMIC	09/25/2023	7x16H	FP	800	MEAD230	45
297463	DA	SELL	ECONOMIC	09/25/2023	7x16H	FP	800	MEAD230	45
297464	DA	SELL	ECONOMIC	09/25/2023	7x16H	FP	400	MEAD230	45
297485	RT	SELL	ECONOMIC	09/25/2023	Hourly	FP	500	MEAD230	25
282862	Term	BUY	ECONOMIC	09/25/2023	6x8 (Superpeak)	FP	800	MEAD230	292.94
283775	Term	BUY	ECONOMIC	09/25/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	09/25/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284627	Term	BUY	ECONOMIC	09/25/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	09/25/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	09/25/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	09/25/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	09/25/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	09/25/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	09/25/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	09/25/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	09/25/2023	7x16H	FP	800	MEAD230	222

294398	Term	BUY	ECONOMIC	09/25/2023	7x8 (15-22)	FP	400	MCCULLOUGH500	324.42
294399	Term	BUY	ECONOMIC	09/25/2023	7x8 (15-22)	FP	400	PALOVERDE500	324.42
295556	Term	BUY	ECONOMIC	09/25/2023	7x 1-6, 15-24	FP	1600	MEAD230	131.98
296158	Term	BUY	ECONOMIC	09/25/2023	7x16H	FP	800	MEAD230	230
297459	DA	SELL	ECONOMIC	09/25/2023	Heavy Load	FP	400	MEAD230	47
294928	Term	BUY	ECONOMIC	09/25/2023	7x16H	FP	400	MCCULLOUGH500	155
297477	RT	SELL	ECONOMIC	09/25/2023	Hourly	FP	240	MEAD230	35
282862	Term	BUY	ECONOMIC	09/26/2023	6x8 (Superpeak)	FP	800	MEAD230	292.94
283775	Term	BUY	ECONOMIC	09/26/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	09/26/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284627	Term	BUY	ECONOMIC	09/26/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	09/26/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	09/26/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	09/26/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	09/26/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	09/26/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	09/26/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	09/26/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	09/26/2023	7x16H	FP	800	MEAD230	222
294398	Term	BUY	ECONOMIC	09/26/2023	7x8 (15-22)	FP	400	MCCULLOUGH500	324.42
294399	Term	BUY	ECONOMIC	09/26/2023	7x8 (15-22)	FP	400	PALOVERDE500	324.42
295556	Term	BUY	ECONOMIC	09/26/2023	7x 1-6, 15-24	FP	1600	MEAD230	133.84
296158	Term	BUY	ECONOMIC	09/26/2023	7x16H	FP	800	MEAD230	230
297480	DA	SELL	ECONOMIC	09/26/2023	Heavy Load	FP	400	MEAD230	47.5
297481	DA	SELL	ECONOMIC	09/26/2023	Heavy Load	FP	800	MEAD230	50
297482	DA	SELL	ECONOMIC	09/26/2023	Heavy Load	FP	400	MEAD230	50
297483	DA	SELL	ECONOMIC	09/26/2023	Heavy Load	FP	1200	MEAD230	49.5
297484	DA	SELL	ECONOMIC	09/26/2023	Heavy Load	FP	400	MEAD230	51
294928	Term	BUY	ECONOMIC	09/26/2023	7x16H	FP	400	MCCULLOUGH500	155
282862	Term	BUY	ECONOMIC	09/27/2023	6x8 (Superpeak)	FP	800	MEAD230	292.94
283775	Term	BUY	ECONOMIC	09/27/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	09/27/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284627	Term	BUY	ECONOMIC	09/27/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	09/27/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	09/27/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	09/27/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	09/27/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	09/27/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	09/27/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	09/27/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	09/27/2023	7x16H	FP	800	MEAD230	222
294398	Term	BUY	ECONOMIC	09/27/2023	7x8 (15-22)	FP	400	MCCULLOUGH500	324.42
294399	Term	BUY	ECONOMIC	09/27/2023	7x8 (15-22)	FP	400	PALOVERDE500	324.42
295556	Term	BUY	ECONOMIC	09/27/2023	7x 1-6, 15-24	FP	1600	MEAD230	130.32
296158	Term	BUY	ECONOMIC	09/27/2023	7x16H	FP	800	MEAD230	230
297492	DA	SELL	ECONOMIC	09/27/2023	Heavy Load	FP	1200	MEAD230	42
297493	DA	SELL	ECONOMIC	09/27/2023	Heavy Load	FP	400	MEAD230	42
297494	DA	SELL	ECONOMIC	09/27/2023	Heavy Load	FP	400	MEAD230	43

297495	DA	SELL	ECONOMIC	09/27/2023	Heavy Load	FP	400	MEAD230	42
297499	RT	SELL	ECONOMIC	09/27/2023	Hourly	FP	200	M345	34
297502	RT	SELL	ECONOMIC	09/27/2023	Hourly	FP	50	M345	34
294928	Term	BUY	ECONOMIC	09/27/2023	7x16H	FP	400	MCCULLOUG500	155
297505	RT	SELL	ECONOMIC	09/28/2023	Hourly	FP	300	M345	33
297497	DA	SELL	ECONOMIC	09/28/2023	Heavy Load	FP	400	MEAD230	42
297498	DA	SELL	ECONOMIC	09/28/2023	Heavy Load	FP	1200	MEAD230	42
297515	RT	SELL	ECONOMIC	09/28/2023	Hourly	FP	100	HILLTOP345	26
297517	RT	SELL	ECONOMIC	09/28/2023	Hourly	FP	40	MEAD230	40
282862	Term	BUY	ECONOMIC	09/28/2023	6x8 (Superpeak)	FP	800	MEAD230	292.94
283775	Term	BUY	ECONOMIC	09/28/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	09/28/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284627	Term	BUY	ECONOMIC	09/28/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	09/28/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	09/28/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	09/28/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	09/28/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	09/28/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	09/28/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	09/28/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	09/28/2023	7x16H	FP	800	MEAD230	222
294398	Term	BUY	ECONOMIC	09/28/2023	7x8 (15-22)	FP	400	MCCULLOUG500	324.42
294399	Term	BUY	ECONOMIC	09/28/2023	7x8 (15-22)	FP	400	PALOVERDE500	324.42
295556	Term	BUY	ECONOMIC	09/28/2023	7x 1-6, 15-24	FP	1600	MEAD230	127.34
296158	Term	BUY	ECONOMIC	09/28/2023	7x16H	FP	800	MEAD230	230
297496	DA	SELL	ECONOMIC	09/28/2023	Heavy Load	FP	400	MEAD230	43
294928	Term	BUY	ECONOMIC	09/28/2023	7x16H	FP	400	MCCULLOUG500	155
297520	RT	SELL	ECONOMIC	09/29/2023	Hourly	FP	450	MEAD230	40
297509	DA	SELL	ECONOMIC	09/29/2023	Heavy Load	FP	800	MEAD230	40
297510	DA	SELL	ECONOMIC	09/29/2023	Heavy Load	FP	1200	MEAD230	39
297511	DA	SELL	ECONOMIC	09/29/2023	Heavy Load	FP	400	MEAD230	39
297512	DA	SELL	ECONOMIC	09/29/2023	Heavy Load	FP	400	MEAD230	38.75
282862	Term	BUY	ECONOMIC	09/29/2023	6x8 (Superpeak)	FP	800	MEAD230	292.94
283775	Term	BUY	ECONOMIC	09/29/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	09/29/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284627	Term	BUY	ECONOMIC	09/29/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	09/29/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	09/29/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	09/29/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	09/29/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	09/29/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	09/29/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	09/29/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	09/29/2023	7x16H	FP	800	MEAD230	222
294398	Term	BUY	ECONOMIC	09/29/2023	7x8 (15-22)	FP	400	MCCULLOUG500	324.42
294399	Term	BUY	ECONOMIC	09/29/2023	7x8 (15-22)	FP	400	PALOVERDE500	324.42
295556	Term	BUY	ECONOMIC	09/29/2023	7x 1-6, 15-24	FP	1600	MEAD230	123.58
296158	Term	BUY	ECONOMIC	09/29/2023	7x16H	FP	800	MEAD230	230

297508	DA	SELL	ECONOMIC	09/29/2023	Heavy Load	FP	400	MEAD230	38
297513	DA	SELL	ECONOMIC	09/29/2023	Heavy Load	FP	400	MEAD230	37.5
297514	DA	SELL	ECONOMIC	09/29/2023	Heavy Load	FP	400	MEAD230	37.5
297527	RT	SELL	ECONOMIC	09/29/2023	Hourly	FP	200	MEAD230	40
294928	Term	BUY	ECONOMIC	09/29/2023	7x16H	FP	400	MCCULLOUGH500	155
297509	DA	SELL	ECONOMIC	09/30/2023	Heavy Load	FP	800	MEAD230	40
297510	DA	SELL	ECONOMIC	09/30/2023	Heavy Load	FP	1200	MEAD230	39
297511	DA	SELL	ECONOMIC	09/30/2023	Heavy Load	FP	400	MEAD230	39
297512	DA	SELL	ECONOMIC	09/30/2023	Heavy Load	FP	400	MEAD230	38.75
282862	Term	BUY	ECONOMIC	09/30/2023	6x8 (Superpeak)	FP	800	MEAD230	292.94
283775	Term	BUY	ECONOMIC	09/30/2023	7x 1-6, 15-24	FP	1696	REDB	259.33
283776	Term	BUY	ECONOMIC	09/30/2023	7x 1-6, 15-24	FP	2688	PALOVERDE500	207.37
284627	Term	BUY	ECONOMIC	09/30/2023	7x16H	FP	400	MEAD230	196
284628	Term	BUY	ECONOMIC	09/30/2023	7x16H	FP	400	MEAD230	200
284629	Term	BUY	ECONOMIC	09/30/2023	7x16H	FP	400	MEAD230	203
284630	Term	BUY	ECONOMIC	09/30/2023	7x16H	FP	1600	MEAD230	168
284631	Term	BUY	ECONOMIC	09/30/2023	7x16H	FP	400	MEAD230	170.63
284632	Term	BUY	ECONOMIC	09/30/2023	7x16H	FP	400	MEAD230	167.5
284633	Term	BUY	ECONOMIC	09/30/2023	7x16H	FP	400	MEAD230	177.5
284634	Term	BUY	ECONOMIC	09/30/2023	7x16H	FP	800	MEAD230	175
284638	Term	BUY	ECONOMIC	09/30/2023	7x16H	FP	800	MEAD230	222
294398	Term	BUY	ECONOMIC	09/30/2023	7x8 (15-22)	FP	400	MCCULLOUGH500	324.42
294399	Term	BUY	ECONOMIC	09/30/2023	7x8 (15-22)	FP	400	PALOVERDE500	324.42
295556	Term	BUY	ECONOMIC	09/30/2023	7x 1-6, 15-24	FP	1600	MEAD230	122.49
296158	Term	BUY	ECONOMIC	09/30/2023	7x16H	FP	800	MEAD230	230
297508	DA	SELL	ECONOMIC	09/30/2023	Heavy Load	FP	400	MEAD230	38
297513	DA	SELL	ECONOMIC	09/30/2023	Heavy Load	FP	400	MEAD230	37.5
297514	DA	SELL	ECONOMIC	09/30/2023	Heavy Load	FP	400	MEAD230	37.5
294928	Term	BUY	ECONOMIC	09/30/2023	7x16H	FP	400	MCCULLOUGH500	155
297535	RT	SELL	ECONOMIC	09/30/2023	Hourly	FP	500	MEAD230	40
297538	RT	SELL	ECONOMIC	09/30/2023	Hourly	FP	300	MEAD230	40
297524	DA	SELL	ECONOMIC	10/01/2023	Light Load	FP	600	M345	25
297525	DA	SELL	ECONOMIC	10/01/2023	Light Load	FP	600	MEAD230	25
297526	DA	SELL	ECONOMIC	10/01/2023	Light Load	FP	600	MEAD230	24.5
297523	DA	SELL	ECONOMIC	10/01/2023	Light Load	FP	600	MEAD230	25
297541	RT	SELL	ECONOMIC	10/01/2023	Hourly	FP	600	MEAD230	35
297524	DA	SELL	ECONOMIC	10/02/2023	Light Load	FP	200	M345	25
297525	DA	SELL	ECONOMIC	10/02/2023	Light Load	FP	200	MEAD230	25
297526	DA	SELL	ECONOMIC	10/02/2023	Light Load	FP	200	MEAD230	24.5
297523	DA	SELL	ECONOMIC	10/02/2023	Light Load	FP	200	MEAD230	25
297545	DA	SELL	ECONOMIC	10/03/2023	Light Load	FP	400	NORTHSYS	29
297546	DA	SELL	ECONOMIC	10/03/2023	Light Load	FP	200	M345	32
297547	DA	SELL	ECONOMIC	10/03/2023	Light Load	FP	200	MEAD230	33
297548	DA	SELL	ECONOMIC	10/03/2023	Heavy Load	FP	336	NORTHSYS	30
297565	RT	SELL	ECONOMIC	10/04/2023	Hourly	FP	300	MEAD230	38
297572	RT	SELL	ECONOMIC	10/04/2023	Hourly	FP	200	MEAD230	40
297551	DA	SELL	ECONOMIC	10/04/2023	Light Load	FP	400	M345	31
297552	DA	SELL	ECONOMIC	10/04/2023	Heavy Load	FP	800	M345	35

297553	DA	SELL	ECONOMIC	10/04/2023	Light Load	FP	200	MEAD230	34
297554	DA	SELL	ECONOMIC	10/04/2023	Heavy Load	FP	400	MEAD230	35
297555	DA	SELL	ECONOMIC	10/04/2023	Light Load	FP	200	MEAD230	34
297556	DA	SELL	ECONOMIC	10/04/2023	Heavy Load	FP	400	MEAD230	35
297570	LD	SELL	ECONOMIC	10/04/2023	Light Load	FP	-115	MEAD230	34
297571	LD	SELL	ECONOMIC	10/04/2023	Light Load	FP	-100	MEAD230	34
297559	DA	SELL	ECONOMIC	10/05/2023	Heavy Load	FP	800	MEAD230	51
297560	DA	SELL	ECONOMIC	10/05/2023	Light Load	FP	400	MEAD230	47
297561	DA	SELL	ECONOMIC	10/05/2023	Light Load	FP	200	MEAD230	47
297562	DA	SELL	ECONOMIC	10/05/2023	Heavy Load	FP	400	MEAD230	52
297563	DA	SELL	ECONOMIC	10/05/2023	Heavy Load	FP	400	MEAD230	52
297564	DA	SELL	ECONOMIC	10/05/2023	Light Load	FP	200	MEAD230	46
297576	DA	SELL	ECONOMIC	10/06/2023	Light Load	FP	400	MEAD230	52
297577	DA	SELL	ECONOMIC	10/06/2023	Light Load	FP	200	MEAD230	54
297575	DA	SELL	ECONOMIC	10/06/2023	Light Load	FP	400	MEAD230	55
297592	RT	BUY	ECONOMIC	10/06/2023	Hourly	FP	200	MEAD230	102
297593	RT	BUY	ECONOMIC	10/06/2023	Hourly	FP	500	MEAD230	180
297594	RT	BUY	ECONOMIC	10/06/2023	Hourly	FP	400	MEAD230	200
297576	DA	SELL	ECONOMIC	10/07/2023	Light Load	FP	400	MEAD230	52
297577	DA	SELL	ECONOMIC	10/07/2023	Light Load	FP	200	MEAD230	54
297578	DA	SELL	ECONOMIC	10/07/2023	Heavy Load	FP	400	MEAD230	70
297575	DA	SELL	ECONOMIC	10/07/2023	Light Load	FP	400	MEAD230	55
297598	RT	SELL	ECONOMIC	10/07/2023	Hourly	FP	50	MEAD230	50
297600	RT	BUY	ECONOMIC	10/07/2023	Hourly	FP	300	REDB	128.36
297601	RT	BUY	ECONOMIC	10/07/2023	Hourly	FP	600	MEAD230	200
297584	DA	SELL	ECONOMIC	10/08/2023	Light Load NERC	FP	600	MEAD230	53.5
297585	DA	SELL	ECONOMIC	10/08/2023	Light Load NERC	FP	600	MEAD230	50
297586	DA	SELL	ECONOMIC	10/08/2023	Light Load	FP	600	MEAD230	62
297582	DA	SELL	ECONOMIC	10/09/2023	Heavy Load	FP	400	MEAD230	64
297583	DA	SELL	ECONOMIC	10/09/2023	Heavy Load	FP	400	MEAD230	62
297584	DA	SELL	ECONOMIC	10/09/2023	Light Load NERC	FP	200	MEAD230	53.5
297585	DA	SELL	ECONOMIC	10/09/2023	Light Load NERC	FP	200	MEAD230	50
297586	DA	SELL	ECONOMIC	10/09/2023	Light Load	FP	200	MEAD230	62
297587	DA	SELL	ECONOMIC	10/09/2023	Heavy Load	FP	400	MEAD230	66.5
297608	RT	BUY	ECONOMIC	10/09/2023	Hourly	FP	400	MEAD230	165
297609	RT	BUY	ECONOMIC	10/09/2023	Hourly	FP	100	MEAD230	165
297610	RT	BUY	ECONOMIC	10/09/2023	Hourly	FP	500	MEAD230	130
297611	RT	BUY	ECONOMIC	10/09/2023	Hourly	FP	300	MEAD230	115
297612	RT	BUY	ECONOMIC	10/09/2023	Hourly	FP	100	MEAD230	49.93
297604	DA	SELL	ECONOMIC	10/10/2023	Light Load	FP	400	MEAD230	50
297605	DA	SELL	ECONOMIC	10/10/2023	Light Load	FP	200	MEAD230	52
297606	DA	SELL	ECONOMIC	10/10/2023	Light Load	FP	200	MEAD230	52
297618	RT	BUY	ECONOMIC	10/10/2023	Hourly	FP	300	MEAD230	100
297623	RT	BUY	ECONOMIC	10/10/2023	Hourly	FP	400	MEAD230	90
297627	RT	BUY	ECONOMIC	10/10/2023	Hourly	FP	50	MEAD230	52.13
297633	RT	SELL	ECONOMIC	10/11/2023	Hourly	FP	300	MEAD230	35
297640	RT	BUY	ECONOMIC	10/11/2023	Hourly	FP	183	MEAD230	95
297641	RT	BUY	ECONOMIC	10/11/2023	Hourly	FP	100	MEAD230	39.33

297631	DA	SELL	ECONOMIC	10/12/2023	Light Load	FP	200	MEAD230	45
297632	DA	SELL	ECONOMIC	10/12/2023	Light Load	FP	200	MEAD230	45
297634	DA	SELL	ECONOMIC	10/12/2023	Light Load	FP	200	MEAD230	45
297652	Cap	BUY	ECONOMIC	10/12/2023	Hourly	SR	10	MCCULLOUG500	30
297653	Opt	BUY	ECONOMIC	10/12/2023	Hourly	FP	3	MCCULLOUG500	85
297655	RT	SELL	ECONOMIC	10/13/2023	Hourly	FP	200	MEAD230	35
297644	DA	SELL	ECONOMIC	10/13/2023	Light Load	FP	400	MEAD230	45
297645	DA	SELL	ECONOMIC	10/13/2023	Light Load	FP	400	MEAD230	45
297663	RT	SELL	ECONOMIC	10/13/2023	Hourly	FP	100	MEAD230	82
297646	DA	SELL	ECONOMIC	10/13/2023	Light Load	FP	400	MEAD230	45
297647	DA	SELL	ECONOMIC	10/13/2023	Light Load	FP	200	MEAD230	47
297668	RT	SELL	ECONOMIC	10/14/2023	Hourly	FP	300	HILLTOP345	55
297669	RT	SELL	ECONOMIC	10/14/2023	Hourly	FP	50	MEAD230	55
297672	RT	SELL	ECONOMIC	10/14/2023	Hourly	FP	50	MEAD230	55
297644	DA	SELL	ECONOMIC	10/14/2023	Light Load	FP	400	MEAD230	45
297645	DA	SELL	ECONOMIC	10/14/2023	Light Load	FP	400	MEAD230	45
297646	DA	SELL	ECONOMIC	10/14/2023	Light Load	FP	400	MEAD230	45
297647	DA	SELL	ECONOMIC	10/14/2023	Light Load	FP	200	MEAD230	47
297685	RT	SELL	ECONOMIC	10/15/2023	Hourly	FP	50	MEAD230	70
297667	DA	BUY	ECONOMIC	10/15/2023	Hourly	FP	700	MEAD230	89.13
297679	RT	SELL	ECONOMIC	10/15/2023	Hourly	FP	400	MEAD230	57
297692	RT	SELL	ECONOMIC	10/16/2023	Hourly	FP	110	MEAD230	64
297683	DA	BUY	ECONOMIC	10/16/2023	Hourly	FP	200	ELDORADO230	145.81
297684	DA	BUY	ECONOMIC	10/16/2023	Hourly	FP	1100	MEAD230	110.43
297693	RT	SELL	ECONOMIC	10/16/2023	Hourly	FP	658	MEAD230	44
297700	DA	BUY	ECONOMIC	10/17/2023	Hourly	FP	650	ELDORADO230	134.99
297701	DA	BUY	ECONOMIC	10/17/2023	Hourly	FP	650	MEAD230	134.69
297704	DA	BUY	ECONOMIC	10/18/2023	Hourly	FP	825	ELDORADO230	168.39
297705	DA	BUY	ECONOMIC	10/18/2023	Hourly	FP	825	MEAD230	167.99
297708	RT	BUY	ECONOMIC	10/18/2023	Hourly	FP	400	MEAD230	180
297709	RT	BUY	ECONOMIC	10/18/2023	Hourly	FP	900	MEAD230	250
297711	RT	BUY	ECONOMIC	10/18/2023	Hourly	FP	200	MEAD230	230.87
297713	DA	BUY	ECONOMIC	10/19/2023	Hourly	FP	1075	MEAD230	216.5
297714	DA	BUY	ECONOMIC	10/19/2023	Hourly	FP	1075	ELDORADO230	217.07
297716	RT	BUY	ECONOMIC	10/19/2023	Hourly	FP	900	MEAD230	285
297717	RT	BUY	ECONOMIC	10/19/2023	Hourly	FP	200	M345	250
297725	RT	BUY	ECONOMIC	10/19/2023	Hourly	FP	200	M345	315
297729	LD	BUY	ECONOMIC	10/19/2023	Hourly	FP	-12	M345	315
297730	RT	SELL	ECONOMIC	10/20/2023	Hourly	FP	75	MEAD230	52
297737	RT	BUY	ECONOMIC	10/20/2023	Hourly	FP	300	M345	180
297738	RT	BUY	ECONOMIC	10/20/2023	Hourly	FP	100	M345	200
297740	RT	BUY	ECONOMIC	10/20/2023	Hourly	FP	300	MEAD230	129.33
297745	RT	BUY	ECONOMIC	10/20/2023	Hourly	FP	300	MEAD230	250
297726	DA	BUY	ECONOMIC	10/20/2023	Hourly	FP	1150	ELDORADO230	157.14
297727	DA	BUY	ECONOMIC	10/20/2023	Hourly	FP	1150	MEAD230	156.78
297746	RT	SELL	ECONOMIC	10/21/2023	Hourly	FP	300	M345	39
297751	RT	BUY	ECONOMIC	10/21/2023	Hourly	FP	145	MEAD230	65
297752	RT	BUY	ECONOMIC	10/21/2023	Hourly	FP	700	MEAD230	89.97

297741	DA	BUY	ECONOMIC	10/21/2023	Hourly	FP	575	MEAD230	79.4
297742	DA	BUY	ECONOMIC	10/21/2023	Hourly	FP	575	ELDORADO230	79.55
297754	DA	BUY	ECONOMIC	10/22/2023	Hourly	FP	500	ELDORADO230	64.87
297755	DA	BUY	ECONOMIC	10/22/2023	Hourly	FP	500	MEAD230	64.71
297756	RT	BUY	ECONOMIC	10/22/2023	Hourly	FP	1250	MEAD230	55.29
297758	DA	BUY	ECONOMIC	10/23/2023	Hourly	FP	250	ELDORADO230	70.6
297759	DA	BUY	ECONOMIC	10/23/2023	Hourly	FP	250	MEAD230	70.45
297760	RT	SELL	ECONOMIC	10/24/2023	Hourly	FP	250	MEAD230	38
297761	RT	SELL	ECONOMIC	10/24/2023	Hourly	FP	250	MEAD230	38
297767	LD	SELL	ECONOMIC	10/24/2023	Hourly	FP	-2	MEAD230	38
297768	LD	SELL	ECONOMIC	10/24/2023	Hourly	FP	-14	MEAD230	38
297769	RT	SELL	ECONOMIC	10/25/2023	Hourly	FP	150	MEAD230	60
297770	RT	SELL	ECONOMIC	10/25/2023	Hourly	FP	150	HILLTOP345	60
297773	RT	SELL	ECONOMIC	10/25/2023	Hourly	FP	100	HILLTOP345	67
297775	RT	SELL	ECONOMIC	10/26/2023	Hourly	FP	215	MEAD230	62
297782	RT	SELL	ECONOMIC	10/27/2023	Hourly	FP	137	NAVAJO500	45
297785	RT	SELL	ECONOMIC	10/27/2023	Hourly	FP	45	MEAD230	80
297778	RT	SELL	ECONOMIC	10/27/2023	Hourly	FP	240	MEAD230	65
297781	LD	SELL	ECONOMIC	10/27/2023	Hourly	FP	-6	MEAD230	65
297789	RT	SELL	ECONOMIC	10/28/2023	Hourly	FP	226	MEAD230	65
297793	RT	SELL	ECONOMIC	10/29/2023	Hourly	FP	246	MEAD230	60
297796	RT	SELL	ECONOMIC	10/29/2023	Hourly	FP	350	REDB	45
297802	RT	SELL	ECONOMIC	10/30/2023	Hourly	FP	400	MEAD230	80
297805	LD	SELL	ECONOMIC	10/30/2023	Hourly	FP	-125	MEAD230	80
297799	RT	SELL	ECONOMIC	10/30/2023	Hourly	FP	320	MEAD230	70
297804	LD	SELL	ECONOMIC	10/30/2023	Hourly	FP	-31	MEAD230	70
297806	RT	SELL	ECONOMIC	10/31/2023	Hourly	FP	70	MEAD230	105
297809	LD	SELL	ECONOMIC	10/31/2023	Hourly	FP	-15	MEAD230	105
297810	RT	SELL	ECONOMIC	11/01/2023	Hourly	FP	68	MEAD230	90
297812	RT	SELL	ECONOMIC	11/02/2023	Hourly	FP	60	MEAD230	70
297813	RT	SELL	ECONOMIC	11/02/2023	Hourly	FP	90	MEAD230	75
297818	RT	SELL	ECONOMIC	11/04/2023	Hourly	FP	200	MEAD230	70
297821	RT	BUY	ECONOMIC	11/06/2023	Hourly	FP	3	MEAD230	1.24
297823	RT	BUY	ECONOMIC	11/07/2023	Hourly	FP	1	MEAD230	11.36
297825	RT	SELL	ECONOMIC	11/08/2023	Hourly	FP	150	MEAD230	82
297827	DA	SELL	ECONOMIC	11/12/2023	Light Load	FP	600	MEAD230	36
297828	DA	SELL	ECONOMIC	11/12/2023	Light Load	FP	600	MEAD230	36
297827	DA	SELL	ECONOMIC	11/13/2023	Light Load	FP	200	MEAD230	36
297828	DA	SELL	ECONOMIC	11/13/2023	Light Load	FP	200	MEAD230	36
297829	DA	SELL	ECONOMIC	11/13/2023	Heavy Load	FP	400	MEAD230	40
297830	DA	SELL	ECONOMIC	11/13/2023	Heavy Load	FP	400	MEAD230	41
297833	RT	SELL	ECONOMIC	11/13/2023	Hourly	FP	200	M345	45
297836	RT	BUY	ECONOMIC	11/14/2023	Hourly	FP	1400	MEAD230	150
297837	RT	BUY	ECONOMIC	11/14/2023	Hourly	FP	150	MEAD230	125
297842	LD	BUY	ECONOMIC	11/14/2023	Hourly	FP	-43	MEAD230	150
297839	DA	BUY	ECONOMIC	11/15/2023	Hourly	FP	900	MEAD230	82.41
297847	RT	BUY	ECONOMIC	11/15/2023	Hourly	FP	75	M345	130
297848	RT	BUY	ECONOMIC	11/15/2023	Hourly	FP	200	MEAD230	175

297849	RT	BUY	ECONOMIC	11/15/2023	Hourly	FP	25	MEAD230	97.66
297845	DA	BUY	ECONOMIC	11/16/2023	Hourly	FP	950	ELDORADO230	88.41
297846	DA	BUY	ECONOMIC	11/16/2023	Hourly	FP	950	MEAD230	88.2
297853	DA	BUY	ECONOMIC	11/17/2023	Hourly	FP	510	MEAD230	75
297858	DA	BUY	ECONOMIC	11/17/2023	Hourly	FP	440	MEAD230	85.66
297859	DA	BUY	ECONOMIC	11/17/2023	Hourly	FP	950	ELDORADO230	85.73
297865	RT	SELL	ECONOMIC	11/17/2023	Hourly	FP	100	NAVAJO500	57
297854	DA	BUY	ECONOMIC	11/18/2023	Hourly	FP	510	MEAD230	75
297866	DA	BUY	ECONOMIC	11/18/2023	Hourly	FP	790	MEAD230	63.26
297860	DA	BUY	ECONOMIC	11/19/2023	Hourly	FP	510	MEAD230	75
297862	DA	BUY	ECONOMIC	11/19/2023	Light Load	FP	1200	MEAD230	43
297869	RT	BUY	ECONOMIC	11/19/2023	Hourly	FP	50	MEAD230	17
297871	RT	BUY	ECONOMIC	11/19/2023	Hourly	FP	100	MEAD230	30
297870	DA	BUY	ECONOMIC	11/20/2023	Hourly	FP	1390	MEAD230	75.88
297861	DA	BUY	ECONOMIC	11/20/2023	Hourly	FP	510	MEAD230	75
297862	DA	BUY	ECONOMIC	11/20/2023	Light Load	FP	400	MEAD230	43
297878	DA	BUY	ECONOMIC	11/21/2023	Hourly	FP	440	MEAD230	77.16
297879	DA	BUY	ECONOMIC	11/21/2023	Hourly	FP	950	ELDORADO230	77.07
297877	DA	BUY	ECONOMIC	11/21/2023	Hourly	FP	510	MEAD230	75
297886	RT	SELL	ECONOMIC	11/21/2023	Hourly	FP	225	HILLTOP345	50
297891	DA	BUY	ECONOMIC	11/22/2023	Hourly	FP	440	MEAD230	70.1
297892	DA	BUY	ECONOMIC	11/22/2023	Hourly	FP	950	ELDORADO230	70.13
297876	DA	BUY	ECONOMIC	11/22/2023	Hourly	FP	510	MEAD230	75
297881	DA	BUY	ECONOMIC	11/23/2023	Light Load NERC	FP	600	MEAD230	42
297882	DA	BUY	ECONOMIC	11/23/2023	Light Load NERC	FP	600	MEAD230	41
297883	DA	BUY	ECONOMIC	11/23/2023	Light Load NERC	FP	1200	MEAD230	41
297885	DA	BUY	ECONOMIC	11/23/2023	Hourly	FP	510	MEAD230	70
297901	DA	BUY	ECONOMIC	11/23/2023	Hourly	FP	740	MEAD230	52.87
297902	DA	BUY	ECONOMIC	11/23/2023	Hourly	FP	650	ELDORADO230	52.97
297881	DA	BUY	ECONOMIC	11/24/2023	Light Load NERC	FP	200	MEAD230	42
297882	DA	BUY	ECONOMIC	11/24/2023	Light Load NERC	FP	200	MEAD230	41
297880	DA	BUY	ECONOMIC	11/24/2023	Heavy Load	FP	800	MEAD230	39
297883	DA	BUY	ECONOMIC	11/24/2023	Light Load NERC	FP	400	MEAD230	41
297884	DA	BUY	ECONOMIC	11/24/2023	Hourly	FP	510	MEAD230	70
297903	DA	BUY	ECONOMIC	11/24/2023	Hourly	FP	890	MEAD230	56.74
297904	DA	BUY	ECONOMIC	11/24/2023	Hourly	FP	800	ELDORADO230	56.84
297905	DA	BUY	ECONOMIC	11/25/2023	Hourly	FP	1198	ELDORADO230	56.66
297906	DA	BUY	ECONOMIC	11/25/2023	Hourly	FP	1192	MEAD230	56.55
297907	RT	SELL	ECONOMIC	11/25/2023	Hourly	FP	1200	MEAD230	35
297910	LD	SELL	ECONOMIC	11/25/2023	Hourly	FP	-158	MEAD230	35
297893	DA	BUY	ECONOMIC	11/25/2023	Light Load	FP	400	MEAD230	60
297894	DA	BUY	ECONOMIC	11/25/2023	Hourly	FP	510	MEAD230	70
297911	DA	BUY	ECONOMIC	11/26/2023	Hourly	FP	1448	ELDORADO230	62.9
297912	DA	BUY	ECONOMIC	11/26/2023	Hourly	FP	1442	MEAD230	62.79
297893	DA	BUY	ECONOMIC	11/26/2023	Light Load	FP	400	MEAD230	60
297895	DA	BUY	ECONOMIC	11/26/2023	Hourly	FP	510	MEAD230	70
297924	RT	BUY	ECONOMIC	11/27/2023	Hourly	FP	100	MEAD230	110
297925	RT	BUY	ECONOMIC	11/27/2023	Hourly	FP	200	MEAD230	95

297893	DA	BUY	ECONOMIC	11/27/2023	Light Load	FP	400	MEAD230	60
297896	DA	BUY	ECONOMIC	11/27/2023	Hourly	FP	510	MEAD230	70
297913	DA	BUY	ECONOMIC	11/27/2023	Hourly	FP	1723	ELDORADO230	70.37
297914	DA	BUY	ECONOMIC	11/27/2023	Hourly	FP	1717	MEAD230	70.21
297935	RT	BUY	ECONOMIC	11/28/2023	Hourly	FP	1	MEAD230	29.07
297936	RT	BUY	ECONOMIC	11/28/2023	Hourly	FP	100	MEAD230	88
297915	DA	BUY	ECONOMIC	11/28/2023	Light Load	FP	600	MEAD230	71
297916	DA	BUY	ECONOMIC	11/28/2023	Light Load	FP	200	MEAD230	67
297917	DA	BUY	ECONOMIC	11/28/2023	Hourly	FP	360	MEAD230	80
297922	DA	BUY	ECONOMIC	11/28/2023	Hourly	FP	2420	MEAD230	82.81
297923	DA	BUY	ECONOMIC	11/28/2023	Hourly	FP	2420	ELDORADO230	83.01
297946	RT	SELL	ECONOMIC	11/29/2023	Hourly	FP	25	MEAD230	115
297937	DA	BUY	ECONOMIC	11/29/2023	Hourly	FP	899	ELDORADO230	83.65
297938	DA	BUY	ECONOMIC	11/29/2023	Hourly	FP	891	MEAD230	83.54
297929	DA	BUY	ECONOMIC	11/29/2023	Light Load	FP	200	MEAD230	74
297930	DA	BUY	ECONOMIC	11/29/2023	Light Load	FP	200	MEAD230	75
297931	DA	BUY	ECONOMIC	11/29/2023	Light Load	FP	200	MEAD230	75
297932	DA	BUY	ECONOMIC	11/29/2023	Hourly	FP	360	MEAD230	85
297959	RT	BUY	ECONOMIC	11/30/2023	Hourly	FP	1	MEAD230	72.74
297941	DA	BUY	ECONOMIC	11/30/2023	Light Load	FP	600	MEAD230	80
297942	DA	BUY	ECONOMIC	11/30/2023	Hourly	FP	2197	ELDORADO230	81.78
297943	DA	BUY	ECONOMIC	11/30/2023	Hourly	FP	2253	MEAD230	81.1
297949	DA	BUY	ECONOMIC	12/01/2023	Light Load	FP	200	MEAD230	52
297950	DA	BUY	ECONOMIC	12/01/2023	Light Load	FP	200	MEAD230	53
297951	DA	BUY	ECONOMIC	12/01/2023	Light Load	FP	200	MEAD230	53
297960	DA	BUY	ECONOMIC	12/01/2023	Hourly	FP	650	MEAD230	72.33
297952	DA	BUY	ECONOMIC	12/01/2023	Hourly	FP	510	MEAD230	75
297954	DA	BUY	ECONOMIC	12/01/2023	Heavy Load	FP	400	MEAD230	55
297955	DA	BUY	ECONOMIC	12/01/2023	Heavy Load	FP	400	MEAD230	55
297949	DA	BUY	ECONOMIC	12/02/2023	Light Load	FP	200	MEAD230	52
297950	DA	BUY	ECONOMIC	12/02/2023	Light Load	FP	200	MEAD230	53
297951	DA	BUY	ECONOMIC	12/02/2023	Light Load	FP	200	MEAD230	53
297956	DA	BUY	ECONOMIC	12/02/2023	Heavy Load	FP	400	MEAD230	50
297953	DA	BUY	ECONOMIC	12/02/2023	Hourly	FP	510	MEAD230	75
297954	DA	BUY	ECONOMIC	12/02/2023	Heavy Load	FP	400	MEAD230	55
297955	DA	BUY	ECONOMIC	12/02/2023	Heavy Load	FP	400	MEAD230	55
297967	DA	BUY	ECONOMIC	12/03/2023	Hourly	FP	1150	MEAD230	63.22
297963	DA	BUY	ECONOMIC	12/03/2023	2x8	FP	600	MEAD230	45
297962	DA	BUY	ECONOMIC	12/04/2023	Hourly	FP	60	MEAD230	80
297963	DA	BUY	ECONOMIC	12/04/2023	2x8	FP	600	MEAD230	45
297968	DA	BUY	ECONOMIC	12/04/2023	Hourly	FP	720	ELDORADO230	76.9
297969	DA	BUY	ECONOMIC	12/04/2023	Hourly	FP	970	MEAD230	75.44
297974	RT	BUY	ECONOMIC	12/05/2023	Hourly	FP	350	MEAD230	13
297970	DA	BUY	ECONOMIC	12/05/2023	Hourly	FP	775	MEAD230	70.4
297971	DA	BUY	ECONOMIC	12/05/2023	Hourly	FP	775	ELDORADO230	69.97
297975	DA	BUY	ECONOMIC	12/06/2023	Hourly	FP	510	MEAD230	65
297976	DA	BUY	ECONOMIC	12/06/2023	Hourly	FP	590	MEAD230	67
297979	DA	BUY	ECONOMIC	12/07/2023	Light Load	FP	200	MEAD230	42

297980	DA	BUY	ECONOMIC	12/07/2023	Light Load	FP	200	MEAD230	42
297981	DA	BUY	ECONOMIC	12/07/2023	Hourly	FP	510	MEAD230	65
297982	DA	BUY	ECONOMIC	12/07/2023	Hourly	FP	1142	MEAD230	52.96
297983	DA	BUY	ECONOMIC	12/07/2023	Hourly	FP	1148	ELDORADO230	53.07
297993	DA	BUY	ECONOMIC	12/08/2023	Hourly	FP	1625	MEAD230	61.58
297994	DA	BUY	ECONOMIC	12/08/2023	Hourly	FP	1625	ELDORADO230	61.7
298002	DA	BUY	ECONOMIC	12/09/2023	Hourly	FP	2225	ELDORADO230	53.13
298003	DA	BUY	ECONOMIC	12/09/2023	Hourly	FP	2225	MEAD230	53.08
298005	RT	BUY	ECONOMIC	12/10/2023	Hourly	FP	200	MEAD230	65
298006	RT	BUY	ECONOMIC	12/10/2023	Hourly	FP	200	MEAD230	61.45
298007	RT	BUY	ECONOMIC	12/10/2023	Hourly	FP	300	MEAD230	65
298010	RT	BUY	ECONOMIC	12/10/2023	Hourly	FP	225	MEAD230	61.45
298011	RT	BUY	ECONOMIC	12/10/2023	Hourly	FP	225	MCCULLOUGH500	66.39
298004	DA	BUY	ECONOMIC	12/10/2023	Hourly	FP	1200	MEAD230	49.7
297997	DA	BUY	ECONOMIC	12/10/2023	Light Load	FP	600	MEAD230	38
297998	DA	BUY	ECONOMIC	12/10/2023	Light Load	FP	600	MEAD230	37
298017	RT	SELL	ECONOMIC	12/11/2023	Hourly	FP	125	MEAD230	50
297997	DA	BUY	ECONOMIC	12/11/2023	Light Load	FP	200	MEAD230	38
297998	DA	BUY	ECONOMIC	12/11/2023	Light Load	FP	200	MEAD230	37
298008	DA	BUY	ECONOMIC	12/11/2023	Hourly	FP	825	ELDORADO230	70.48
298009	DA	BUY	ECONOMIC	12/11/2023	Hourly	FP	825	MEAD230	70.38
298024	RT	SELL	ECONOMIC	12/12/2023	Hourly	FP	68	MEAD230	54
298022	DA	BUY	ECONOMIC	12/12/2023	Hourly	FP	1450	ELDORADO230	64.65
298023	DA	BUY	ECONOMIC	12/12/2023	Hourly	FP	1450	MEAD230	64.58
298031	RT	SELL	ECONOMIC	12/13/2023	Hourly	FP	400	MEAD230	37
298025	DA	BUY	ECONOMIC	12/13/2023	Hourly	FP	1000	MEAD230	66.69
298026	DA	BUY	ECONOMIC	12/13/2023	Hourly	FP	1000	ELDORADO230	66.79
298032	DA	BUY	ECONOMIC	12/14/2023	Hourly	FP	675	MEAD230	72.88
298033	DA	BUY	ECONOMIC	12/14/2023	Hourly	FP	675	ELDORADO230	72.96
298040	RT	BUY	ECONOMIC	12/15/2023	Hourly	FP	1200	MEAD230	150
298038	DA	BUY	ECONOMIC	12/15/2023	Hourly	FP	500	MEAD230	69.4
298046	RT	BUY	ECONOMIC	12/16/2023	Hourly	FP	750	MEAD230	61.43
298043	DA	BUY	ECONOMIC	12/17/2023	Hourly	FP	550	MEAD230	61.05
298048	DA	BUY	ECONOMIC	12/18/2023	Hourly	FP	800	MEAD230	67.76
298050	DA	BUY	ECONOMIC	12/19/2023	Hourly	FP	1200	MEAD230	60.48
298051	DA	BUY	ECONOMIC	12/20/2023	Hourly	FP	740	MEAD230	60.78
298052	DA	BUY	ECONOMIC	12/20/2023	Hourly	FP	510	MEAD230	65
298060	RT	SELL	ECONOMIC	12/23/2023	Hourly	FP	400	M345	33
298064	RT	SELL	ECONOMIC	12/23/2023	Hourly	FP	40	NAVAJO500	50
298067	RT	SELL	ECONOMIC	12/24/2023	Hourly	FP	292	M345	35
298056	DA	SELL	ECONOMIC	12/25/2023	Hourly	FP	600	MEAD230	29.5
298056	DA	SELL	ECONOMIC	12/26/2023	Hourly	FP	200	MEAD230	29.5
298056	DA	SELL	ECONOMIC	12/27/2023	Hourly	FP	200	MEAD230	29.5
298071	DA	SELL	ECONOMIC	12/28/2023	Light Load	FP	400	MEAD230	34
298077	RT	SELL	ECONOMIC	12/28/2023	Hourly	FP	100	M345	30
298071	DA	SELL	ECONOMIC	12/29/2023	Light Load	FP	400	MEAD230	34
298074	DA	SELL	ECONOMIC	12/30/2023	Light Load	FP	800	MEAD230	31
298075	DA	SELL	ECONOMIC	12/30/2023	Heavy Load	FP	1600	MEAD230	31

298074	DA	SELL	ECONOMIC	12/31/2023	Light Load	FP	2400	MEAD230	31
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EXHIBIT ATKINS-DIRECT-6



S21, W21-22, S22, and W22-23 Physical Gas Request for Proposals
GN-2021-1 NVE North

1. Sierra Pacific Power Company d/b/a NV Energy (“NV Energy”) through this Request for Proposals (“RFP”) is soliciting competitively priced bids for firm physical gas supplies to meet its needs. The deadline for bid submission is Monday, **March 1, 2021 at 9:00 AM Pacific Prevailing Time.**

a. Terms

- i. April 1, 2021 through March 31, 2023
- ii. April 1, 2021 through October 31, 2022
- iii. April 1, 2021 through March 31, 2022
- iv. April 1, 2021 through October 31, 2021
- v. April 1, 2022 through March 31, 2023
- vi. April 1, 2022 through October 31, 2022
- vii. November 1, 2021 through March 31, 2023
- viii. November 1, 2021 through October 31, 2022
- ix. November 1, 2021 through March 31, 2022
- x. November 1, 2022 through March 31, 2023
- xi. Individual months April 1, 2021 through March 31, 2023

b. Maximum daily volume per bid MMBtu/day

- i. Winter Season
 - a) AECO 75,000
 - b) Rockies 25,000
 - c) Sumas 25,000
 - d) TC Energy GTN 25,000
 - e) Delivered gas into Paiute 25,000
 - f) Delivered gas into Tuscarora 25,000
- ii. Summer Season
 - a) AECO 40,000
 - b) Rockies 20,000
 - c) Sumas 20,000
 - d) TC Energy GTN 25,000
 - e) Delivered gas into Paiute 25,000
 - f) Delivered gas into Tuscarora 25,000

c. Delivery points

- i. AECO: AB-NIT.
- ii. Rockies: Opal, Wyoming Pool, Rocky Mountain Pool, Ignacio, and Green River Gathering.
- iii. Sumas: NWPL Sumas Receipt.

- iv. TC Energy GTN: Kingsgate, Stanfield, and Malin.
 - v. Delivered gas into Paiute: NWPL Reno Lateral, and Ruby Opal Valley.
 - vi. Delivered gas into Tuscarora: GTN Tuscarora, and Ruby Sapphire Mountain.
- d. Pricing
- Use the first-of-month index of the Canadian Gas Price Reporter's ("CGPR") AECO 7a index, Inside FERC Northwest Rocky Mountains index, the Natural Gas Intelligence ("NGI") Malin index, or the Inside FERC Northwest Canadian Border ("Sumas") index, whichever is closest in physical proximity to the delivery point.
- 2. For questions regarding gas delivery points or related matters, please contact Brandon Dyer at (702) 219-3603 or brandon.dyer@nvenergy.com (please note new email address).
 - 3. In its sole and absolute discretion, NV Energy may suspend or terminate this RFP or any portion thereof and accept or reject any or all bids, without notice and without assigning any reasons, therefore. Bids shall be subject to competition and evaluation.
 - 4. NV Energy requires that bidders:
 - a. Submit bids for firm gas only;
 - b. Provide prices in U.S. dollars and volumes in MMBtu/day;
 - c. Use the attached Bid Form, avoid altering its format (e.g. no column deletion), and use only a single Bid Form;
 - d. Indicate in the Bid Form if the bid is a strip bid (i.e. the same volume across contiguous months); or without such an indication, NV Energy will assume that the bid is a shapeable bid (i.e. flexible volumes across contiguous months, with each month's volume to be set at the time of award and execution);
 - e. Define any special terms or conditions in the Comments column of the Bid Form;
 - f. Submit bids via e-mail to sppcgasrfp@nvenergy.com on or before the bid submission deadline;
 - g. Have executed and delivered a Master Trading Agreement for the purchase and sale of natural gas (i.e. NAESB Agreement, GasEDI Agreement, or an ISDA Agreement with Natural Gas Annex) prior to bid submission, in form and substance acceptable to NV Energy. In addition, if the bid is for the AB-NIT delivery point, an executed Canadian Addendum (or equivalent) to the Master Trading Agreement is also required prior to bid submission; and
 - 5. NV Energy encourages bidders to submit multiple bids with high granularity in regards to volume, price, or term. For example, during high volume months, monthly bids that have the same or different volumes across contiguous or non-contiguous months are particularly useful in granularly filling in requirements above shapeable or strip bids.
 - 6. If any portion of a bid is marked confidential, NV Energy will exercise reasonable efforts to protect such information. However, such information may be made available to regulatory commissions, their staffs, or other governmental agencies having an

interest in this matter. NV Energy reserves the right to disclose such information to its agents and contractors for evaluation purposes, but they shall be required to observe the same degree of care with respect to disclosure as NV Energy. Under no circumstances shall NV Energy, its affiliates, subsidiaries and parent companies, their directors, officers, employees, agents, and contractors be liable to bidders under this RFP or any other party for any damages resulting from disclosure of such information or for any act or omission resulting from or arising under this RFP.

7. Bidders are solely responsible for all costs incurred in developing bids and, if applicable, in leading to an executed agreement. Any materials provided to NV Energy will not be returned and will become the property of NV Energy.
8. By submitting bids under this RFP, bidders waive any right to challenge any valuation of bids or any determination to select or reject bids, or take any action with respect to this RFP, including any right bidders may otherwise have to intervene in any regulatory proceeding for the purpose of protesting the selection or rejection of bids, any other decision of NV Energy with respect to this RFP, or any resulting agreement related to selected bids. By submitting bids, bidders irrevocably agree and acknowledge that bidders are submitting bids subject to and in agreement with the terms of this RFP and agree that NV Energy shall be entitled to specific performance of its rights hereunder and such other equitable or injunctive relief as may be appropriate.
9. As soon as practicable, NV Energy expects to analyze the received bids and to decide on bid awards. NV Energy will award successful bids to the successful bidders and will execute written confirmations in accordance with the applicable Master Trading Agreement. Confirmations should be sent to sppc_gas_confirms@nvenergy.com. For questions regarding gas contracts or related matters, please contact Timothy Troy at timothy.troy@nvenergy.com and Yeimi Montes at yeimi.montes@nvenergy.com (please note new email address).
10. If selected, the credit terms of your existing Master Trading Agreement with NV Energy will apply. For questions regarding credit, payment provisions, or related matters, please contact Jenny Venter at jenny.venter@nvenergy.com (please note new email address).

Thank you for your continued interest and participation.

Attachment: Bid Form



W21-22, S22, W22-23, S23 Physical Gas Request for Proposals
GN-2021-4 NVE North

1. Sierra Pacific Power Company d/b/a NV Energy (“NV Energy”) through this Request for Proposals (“RFP”) is soliciting competitively priced bids for firm physical gas supplies to meet its needs. The deadline for bid submission is **Tuesday, August 31, 2021 at 9:00 AM Pacific Prevailing Time.**
 - a. Terms
 - i. November 1, 2021 through October 31, 2023
 - ii. November 1, 2021 through March 31, 2023
 - iii. November 1, 2021 through October 31, 2022
 - iv. November 1, 2021 through March 31, 2022
 - v. November 1, 2022 through October 31, 2023
 - vi. November 1, 2022 through March 31, 2023
 - vii. April 1, 2022 through October 31, 2023
 - viii. April 1, 2022 through March 31, 2023
 - ix. April 1, 2022 through October 31, 2022
 - x. April 1, 2023 through October 31, 2023
 - xi. Individual months November 1, 2021 through October 31, 2023
 - b. Maximum daily volume per bid MMBtu/day
 - i. Winter Season
 - a) AECO 75,000
 - b) Rockies 25,000
 - c) Sumas 25,000
 - d) TC Energy GTN 25,000
 - e) Delivered gas into Paiute 25,000
 - f) Delivered gas into Tuscarora 25,000
 - ii. Summer Season
 - a) AECO 40,000
 - b) Rockies 20,000
 - c) Sumas 20,000
 - d) TC Energy GTN 25,000
 - e) Delivered gas into Paiute 25,000
 - f) Delivered gas into Tuscarora 25,000
 - c. Delivery points
 - i. AECO: AB-NIT.
 - ii. Rockies: Opal, Wyoming Pool, Rocky Mountain Pool, Ignacio, and Green River Gathering.
 - iii. Sumas: NWPL Sumas Receipt.

- iv. TC Energy GTN: Kingsgate, Stanfield, and Malin.
 - v. Delivered gas into Paiute: NWPL Reno Lateral, and Ruby Opal Valley.
 - vi. Delivered gas into Tuscarora: GTN Tuscarora, and Ruby Sapphire Mountain.
- d. Pricing
- Use the first-of-month index of the Canadian Gas Price Reporter's ("CGPR") AECO 7a index, Inside FERC Northwest Rocky Mountains index, the Natural Gas Intelligence ("NGI") Malin index, or the Inside FERC Northwest Canadian Border ("Sumas") index, whichever is closest in physical proximity to the delivery point.
- 2. For questions regarding gas delivery points or related matters, please contact Brandon Dyer at (702) 219-3603 or brandon.dyer@nvenergy.com (please note new email address).
 - 3. In its sole and absolute discretion, NV Energy may suspend or terminate this RFP or any portion thereof and accept or reject any or all bids, without notice and without assigning any reasons therefore. Bids shall be subject to competition and evaluation.
 - 4. NV Energy requires that bidders:
 - a. Submit bids for firm gas only;
 - b. Provide prices in U.S. dollars and volumes in MMBtu/day;
 - c. Use the attached Bid Form, avoid altering its format (e.g. no column deletion), and use only a single Bid Form;
 - d. Indicate in the Bid Form if the bid is a strip bid (i.e. the same volume across contiguous months); or without such an indication, NV Energy will assume that the bid is a shapeable bid (i.e. flexible volumes across contiguous months, with each month's volume to be set at the time of award and execution);
 - e. Define any special terms or conditions in the Comments column of the Bid Form;
 - f. Submit bids via e-mail to sppcgasrfp@nvenergy.com on or before the bid submission deadline;
 - g. Have executed and delivered a Master Trading Agreement for the purchase and sale of natural gas (i.e. NAESB Agreement, GasEDI Agreement, or an ISDA Agreement with Natural Gas Annex) prior to bid submission, in form and substance acceptable to NV Energy. In addition, if the bid is for the AB-NIT delivery point, an executed Canadian Addendum (or equivalent) to the Master Trading Agreement is also required prior to bid submission; and
 - 5. NV Energy encourages bidders to submit multiple bids with high granularity in regards to volume, price, or term. For example, during high volume months, monthly bids that have the same or different volumes across contiguous or non-contiguous months are particularly useful in granularly filling in requirements above shapeable or strip bids.
 - 6. If any portion of a bid is marked confidential, NV Energy will exercise reasonable efforts to protect such information. However, such information may be made available

to regulatory commissions, their staffs, or other governmental agencies having an interest in this matter. NV Energy reserves the right to disclose such information to its agents and contractors for evaluation purposes, but they shall be required to observe the same degree of care with respect to disclosure as NV Energy. Under no circumstances shall NV Energy, its affiliates, subsidiaries and parent companies, their directors, officers, employees, agents, and contractors be liable to bidders under this RFP or any other party for any damages resulting from disclosure of such information or for any act or omission resulting from or arising under this RFP.

7. Bidders are solely responsible for all costs incurred in developing bids and, if applicable, in leading to an executed agreement. Any materials provided to NV Energy will not be returned and will become the property of NV Energy.
8. By submitting bids under this RFP, bidders waive any right to challenge any valuation of bids or any determination to select or reject bids, or take any action with respect to this RFP, including any right bidders may otherwise have to intervene in any regulatory proceeding for the purpose of protesting the selection or rejection of bids, any other decision of NV Energy with respect to this RFP, or any resulting agreement related to selected bids. By submitting bids, bidders irrevocably agree and acknowledge that bidders are submitting bids subject to and in agreement with the terms of this RFP and agree that NV Energy shall be entitled to specific performance of its rights hereunder and such other equitable or injunctive relief as may be appropriate.
9. As soon as practicable, NV Energy expects to analyze the received bids and to decide on bid awards. NV Energy will award successful bids to the successful bidders, and will execute written confirmations in accordance with the applicable Master Trading Agreement. Confirmations should be sent to sppc_gas_confirms@nvenergy.com. For questions regarding gas contracts or related matters, please contact Timothy Troy at timothy.troy@nvenergy.com and Yeimi Montes at yeimi.montes@nvenergy.com (please note new email addresses).
10. If selected, the credit terms of your existing Master Trading Agreement with NV Energy will apply. For questions regarding credit, payment provisions, or related matters, please contact Jenny Venter at jenny.venter@nvenergy.com (please note new email address).

Thank you for your continued interest and participation.

Attachment: Bid Form



S22, W22-23, S23, and W23-24 Physical Gas Request for Proposals
GN-2022-1 NVE North

1. Sierra Pacific Power Company d/b/a NV Energy (“NV Energy”) through this Request for Proposals (“RFP”) is soliciting competitively priced bids for firm physical gas supplies to meet its needs. The deadline for bid submission is **Wednesday, March 9, 2022 at 10:00 AM Pacific Prevailing Time.**

- a. Terms

- i. April 1, 2022 through March 31, 2024
- ii. April 1, 2022 through October 31, 2023
- iii. April 1, 2022 through March 31, 2023
- iv. April 1, 2022 through October 31, 2022
- v. April 1, 2023 through March 31, 2024
- vi. April 1, 2023 through October 31, 2023
- vii. November 1, 2022 through March 31, 2024
- viii. November 1, 2022 through October 31, 2023
- ix. November 1, 2022 through March 31, 2023
- x. November 1, 2023 through March 31, 2024
- xi. Individual months April 1, 2022 through March 31, 2024

- b. Maximum daily volume per bid MMBtu/day

- i. Winter Season
 - a) AECO 75,000
 - b) Rockies 25,000
 - c) Sumas 25,000
 - d) TC Energy GTN 25,000
 - e) Delivered gas into Paiute 25,000
 - f) Delivered gas into Tuscarora 25,000
- ii. Summer Season
 - a) AECO 40,000
 - b) Rockies 20,000
 - c) Sumas 20,000
 - d) TC Energy GTN 25,000
 - e) Delivered gas into Paiute 25,000
 - f) Delivered gas into Tuscarora 25,000

- c. Delivery points

- i. AECO: AB-NIT.
- ii. Rockies: Opal, Wyoming Pool, Rocky Mountain Pool, Ignacio, Green River Gathering, and South of Green River.
- iii. Sumas: NWPL Sumas Receipt.

- iv. TC Energy GTN: Kingsgate, Stanfield, and Malin.
 - v. Delivered gas into Paiute: NWPL Reno Lateral, and Ruby Opal Valley.
 - vi. Delivered gas into Tuscarora: GTN Tuscarora, and Ruby Sapphire Mountain.
- d. Pricing
- Use the first-of-month index of the Canadian Gas Price Reporter's ("CGPR") AECO 7a index, Inside FERC Northwest Rocky Mountains index, the Natural Gas Intelligence ("NGI") Malin index, or the Inside FERC Northwest Canadian Border ("Sumas") index, whichever is closest in physical proximity to the delivery point.
- 2. For questions regarding gas delivery points or related matters, please contact Ryan Tardy at (702) 402-5131 or ryan.tardy@nvenergy.com.
 - 3. In its sole and absolute discretion, NV Energy may suspend or terminate this RFP or any portion thereof and accept or reject any or all bids, without notice and without assigning any reasons therefore. Bids shall be subject to competition and evaluation.
 - 4. NV Energy requires that bidders:
 - a. Submit bids for firm gas only;
 - b. Provide prices in U.S. dollars and volumes in MMBtu/day;
 - c. Use the attached Bid Form, avoid altering its format (e.g. no column deletion), and use only a single Bid Form;
 - d. Indicate in the Bid Form if the bid is a strip bid (i.e. the same volume across contiguous months); or without such an indication, NV Energy will assume that the bid is a shapeable bid (i.e. flexible volumes across contiguous months, with each month's volume to be set at the time of award and execution);
 - e. Define any special terms or conditions in the Comments column of the Bid Form;
 - f. Submit bids via e-mail to sppcgasrfp@nvenergy.com on or before the bid submission deadline;
 - g. Have executed and delivered a Master Trading Agreement for the purchase and sale of natural gas (i.e. NAESB Agreement, GasEDI Agreement, or an ISDA Agreement with Natural Gas Annex) prior to bid submission, in form and substance acceptable to NV Energy. In addition, if the bid is for the AB-NIT delivery point, an executed Canadian Addendum (or equivalent) to the Master Trading Agreement is also required prior to bid submission; and
 - 5. NV Energy encourages bidders to submit multiple bids with high granularity in regards to volume, price, or term. For example, during high volume months, monthly bids that have the same or different volumes across contiguous or non-contiguous months are particularly useful in granularly filling in requirements above shapeable or strip bids.
 - 6. If any portion of a bid is marked confidential, NV Energy will exercise reasonable efforts to protect such information. However, such information may be made available to regulatory commissions, their staffs, or other governmental agencies having an

interest in this matter. NV Energy reserves the right to disclose such information to its agents and contractors for evaluation purposes, but they shall be required to observe the same degree of care with respect to disclosure as NV Energy. Under no circumstances shall NV Energy, its affiliates, subsidiaries and parent companies, their directors, officers, employees, agents, and contractors be liable to bidders under this RFP or any other party for any damages resulting from disclosure of such information or for any act or omission resulting from or arising under this RFP.

7. Bidders are solely responsible for all costs incurred in developing bids and, if applicable, in leading to an executed agreement. Any materials provided to NV Energy will not be returned and will become the property of NV Energy.
8. By submitting bids under this RFP, bidders waive any right to challenge any valuation of bids or any determination to select or reject bids, or take any action with respect to this RFP, including any right bidders may otherwise have to intervene in any regulatory proceeding for the purpose of protesting the selection or rejection of bids, any other decision of NV Energy with respect to this RFP, or any resulting agreement related to selected bids. By submitting bids, bidders irrevocably agree and acknowledge that bidders are submitting bids subject to and in agreement with the terms of this RFP and agree that NV Energy shall be entitled to specific performance of its rights hereunder and such other equitable or injunctive relief as may be appropriate.
9. As soon as practicable, NV Energy expects to analyze the received bids and to decide on bid awards. NV Energy will award successful bids to the successful bidders, and will execute written confirmations in accordance with the applicable Master Trading Agreement. Confirmations should be sent to sppc_gas_confirms@nvenergy.com. For questions regarding gas contracts or related matters, please contact Timothy Troy at timothy.troy@nvenergy.com and Yeimi Montes at yeimi.montes@nvenergy.com.
10. If selected, the credit terms of your existing Master Trading Agreement with NV Energy will apply. For questions regarding credit, payment provisions, or related matters, please contact Jenny Venter at jenny.venter@nvenergy.com.

Thank you for your continued interest and participation.

Attachment: Bid Form



W22-23, S23, W23-24, and S24 Physical Gas Request for Proposals
GN-2022-3 NVE North

1. Sierra Pacific Power Company d/b/a NV Energy (“NV Energy”) through this Request for Proposals (“RFP”) is soliciting competitively priced bids for firm physical gas supplies to meet its needs. The deadline for bid submission is **Wednesday, September 7, 2022 at 9:00 AM Pacific Prevailing Time**.

- a. Terms

- i. November 1, 2022 through October 31, 2024
- ii. November 1, 2022 through March 31, 2024
- iii. November 1, 2022 through October 31, 2023
- iv. November 1, 2022 through March 31, 2023
- v. November 1, 2023 through October 31, 2024
- vi. November 1, 2023 through March 31, 2024
- vii. April 1, 2023 through October 31, 2024
- viii. April 1, 2023 through March 31, 2024
- ix. April 1, 2023 through October 31, 2023
- x. April 1, 2024 through October 31, 2024
- xi. Individual months November 1, 2022 through October 31, 2024

- b. Maximum daily volume per bid MMBtu/day

- i. Winter Season
 - a) AECO 75,000
 - b) Rockies 25,000
 - c) Sumas 25,000
 - d) TC Energy GTN 25,000
 - e) Delivered gas into Paiute 25,000
 - f) Delivered gas into Tuscarora 25,000
- ii. Summer Season
 - a) AECO 40,000
 - b) Rockies 20,000
 - c) Sumas 20,000
 - d) TC Energy GTN 25,000
 - e) Delivered gas into Paiute 25,000
 - f) Delivered gas into Tuscarora 25,000

- c. Delivery points

- i. AECO: AB-NIT.
- ii. Rockies: Opal, Wyoming Pool, Rocky Mountain Pool, Ignacio, Green River Gathering, and South of Green River.
- iii. Sumas: NWPL Sumas Receipt.

- iv. TC Energy GTN: Kingsgate, Stanfield, and Malin.
 - v. Delivered gas into Paiute: NWPL Reno Lateral, and Ruby Opal Valley.
 - vi. Delivered gas into Tuscarora: GTN Tuscarora, and Ruby Sapphire Mountain.
- d. Pricing
- Use the first-of-month index of the Canadian Gas Price Reporter's ("CGPR") AECO 7a index, Inside FERC Northwest Rocky Mountains index, the Natural Gas Intelligence ("NGI") Malin index, or the Inside FERC Northwest Canadian Border ("Sumas") index, whichever is closest in physical proximity to the delivery point.
- 2. For questions regarding gas delivery points or related matters, please contact Ryan Tardy at (702) 402-5131 or ryan.tardy@nvenergy.com.
 - 3. In its sole and absolute discretion, NV Energy may suspend or terminate this RFP or any portion thereof and accept or reject any or all bids, without notice and without assigning any reasons therefore. Bids shall be subject to competition and evaluation.
 - 4. NV Energy requires that bidders:
 - a. Submit bids for firm gas only;
 - b. Provide prices in U.S. dollars and volumes in MMBtu/day;
 - c. Use the attached Bid Form, avoid altering its format (e.g. no column deletion), and use only a single Bid Form;
 - d. Indicate in the Bid Form if the bid is a strip bid (i.e. the same volume across contiguous months); or without such an indication, NV Energy will assume that the bid is a shapeable bid (i.e. flexible volumes across contiguous months, with each month's volume to be set at the time of award and execution);
 - e. Define any special terms or conditions in the Comments column of the Bid Form;
 - f. Submit bids via e-mail to sppcgasrfp@nvenergy.com on or before the bid submission deadline;
 - g. Have executed and delivered a Master Trading Agreement for the purchase and sale of natural gas (i.e. NAESB Agreement, GasEDI Agreement, or an ISDA Agreement with Natural Gas Annex) prior to bid submission, in form and substance acceptable to NV Energy. In addition, if the bid is for the AB-NIT delivery point, an executed Canadian Addendum (or equivalent) to the Master Trading Agreement is also required prior to bid submission; and
 - 5. NV Energy encourages bidders to submit multiple bids with high granularity in regards to volume, price, or term. For example, during high volume months, monthly bids that have the same or different volumes across contiguous or non-contiguous months are particularly useful in granularly filling in requirements above shapeable or strip bids.
 - 6. If any portion of a bid is marked confidential, NV Energy will exercise reasonable efforts to protect such information. However, such information may be made available to regulatory commissions, their staffs, or other governmental agencies having an

interest in this matter. NV Energy reserves the right to disclose such information to its agents and contractors for evaluation purposes, but they shall be required to observe the same degree of care with respect to disclosure as NV Energy. Under no circumstances shall NV Energy, its affiliates, subsidiaries and parent companies, their directors, officers, employees, agents, and contractors be liable to bidders under this RFP or any other party for any damages resulting from disclosure of such information or for any act or omission resulting from or arising under this RFP.

7. Bidders are solely responsible for all costs incurred in developing bids and, if applicable, in leading to an executed agreement. Any materials provided to NV Energy will not be returned and will become the property of NV Energy.
8. By submitting bids under this RFP, bidders waive any right to challenge any valuation of bids or any determination to select or reject bids, or take any action with respect to this RFP, including any right bidders may otherwise have to intervene in any regulatory proceeding for the purpose of protesting the selection or rejection of bids, any other decision of NV Energy with respect to this RFP, or any resulting agreement related to selected bids. By submitting bids, bidders irrevocably agree and acknowledge that bidders are submitting bids subject to and in agreement with the terms of this RFP and agree that NV Energy shall be entitled to specific performance of its rights hereunder and such other equitable or injunctive relief as may be appropriate.
9. As soon as practicable, NV Energy expects to analyze the received bids and to decide on bid awards. NV Energy will award successful bids to the successful bidders, and will execute written confirmations in accordance with the applicable Master Trading Agreement. Confirmations should be sent to sppc_gas_confirms@nvenergy.com. For questions regarding gas contracts or related matters, please contact Timothy Troy at timothy.troy@nvenergy.com and Yeimi Montes at yeimi.montes@nvenergy.com.
10. If selected, the credit terms of your existing Master Trading Agreement with NV Energy will apply. For questions regarding credit, payment provisions, or related matters, please contact Jenny Venter at jenny.venter@nvenergy.com.

Thank you for your continued interest and participation.

Attachment: Bid Form



S23, W23-24, S24, and W24-25 Physical Gas Request for Proposals
GN-2023-1 NVE North

1. Sierra Pacific Power Company d/b/a NV Energy (“NV Energy”) through this Request for Proposals (“RFP”) is soliciting competitively priced bids for firm physical gas supplies to meet its needs. The deadline for bid submission is **Thursday, March 02, 2023 at 9:00 AM Pacific Prevailing Time.**
 - a. Terms
 - i. April 1, 2023 through October 31, 2023
 - ii. November 1, 2023 through March 31, 2024
 - iii. April 1, 2024 through October 31, 2024
 - iv. November 1, 2024 through March 31, 2025
 - v. Individual months April 1, 2023 through March 31, 2025
 - b. Maximum daily volume per bid MMBtu/day
 - i. Winter Season
 - a) AECO 75,000
 - b) Rockies 25,000
 - c) Sumas 25,000
 - d) TC Energy GTN 25,000
 - e) Delivered gas into Paiute 25,000
 - f) Delivered gas into Tuscarora 25,000
 - ii. Summer Season
 - a) AECO 40,000
 - b) Rockies 20,000
 - c) Sumas 20,000
 - d) TC Energy GTN 25,000
 - e) Delivered gas into Paiute 25,000
 - f) Delivered gas into Tuscarora 25,000
 - c. Delivery points
 - i. AECO: AB-NIT.
 - ii. Rockies: Opal, Wyoming Pool, Rocky Mountain Pool, Ignacio, Green River Gathering, and South of Green River.
 - iii. Sumas: NWPL Sumas Receipt.
 - iv. TC Energy GTN: Kingsgate, Stanfield, and Malin.
 - v. Delivered gas into Paiute: NWPL Reno Lateral, and Ruby Opal Valley.
 - vi. Delivered gas into Tuscarora: GTN Tuscarora, and Ruby Sapphire Mountain.
 - d. Pricing

Use the first-of-month index of the Canadian Gas Price Reporter's ("CGPR") AECO 7a index, Inside FERC Northwest Rocky Mountains index, the Natural Gas Intelligence ("NGI") Malin index, or the Inside FERC Northwest Canadian Border ("Sumas") index, whichever is closest in physical proximity to the delivery point.

e. Renewable Natural Gas

In addition to standard products, proposals for the sale of renewable natural gas will be considered. Prospective bidders are encouraged to use the comment section of the attached bid form to differentiate all renewable natural gas proposals.

2. For questions regarding gas delivery points or related matters, please contact Ryan Kemble at (917) 601-5003 or ryan.kemble@nvenergy.com.
3. In its sole and absolute discretion, NV Energy may suspend or terminate this RFP or any portion thereof and accept or reject any or all bids, without notice and without assigning any reasons therefore. Bids shall be subject to competition and evaluation.
4. NV Energy requires that bidders:
 - a. Submit bids for firm gas only;
 - b. Provide prices in U.S. dollars and volumes in MMBtu/day;
 - c. Use the attached Bid Form, avoid altering its format (e.g. no column deletion), and use only a single Bid Form;
 - d. Indicate in the Bid Form if the bid is a strip bid (i.e. the same volume across contiguous months); or without such an indication, NV Energy will assume that the bid is a shapeable bid (i.e. flexible volumes across contiguous months, with each month's volume to be set at the time of award and execution);
 - e. Define any special terms or conditions in the Comments column of the Bid Form;
 - f. Submit bids via e-mail to sppcgasrfp@nvenergy.com on or before the bid submission deadline; and
 - g. Have executed and delivered a Master Trading Agreement for the purchase and sale of natural gas (i.e. NAESB Agreement, GasEDI Agreement, or an ISDA Agreement with Natural Gas Annex) prior to bid submission, in form and substance acceptable to NV Energy. In addition, if the bid is for the AB-NIT delivery point, an executed Canadian Addendum (or equivalent) to the Master Trading Agreement is also required prior to bid submission; and
5. NV Energy encourages bidders to submit multiple bids with high granularity in regards to volume, price, or term. For example, during high volume months, monthly bids that have the same or different volumes across contiguous or non-contiguous months are particularly useful in granularly filling in requirements above shapeable or strip bids.
6. If any portion of a bid is marked confidential, NV Energy will exercise reasonable efforts to protect such information. However, such information may be made available

to regulatory commissions, their staffs, or other governmental agencies having an interest in this matter. NV Energy reserves the right to disclose such information to its agents and contractors for evaluation purposes, but they shall be required to observe the same degree of care with respect to disclosure as NV Energy. Under no circumstances shall NV Energy, its affiliates, subsidiaries and parent companies, their directors, officers, employees, agents, and contractors be liable to bidders under this RFP or any other party for any damages resulting from disclosure of such information or for any act or omission resulting from or arising under this RFP.

7. Bidders are solely responsible for all costs incurred in developing bids and, if applicable, in leading to an executed agreement. Any materials provided to NV Energy will not be returned and will become the property of NV Energy.
8. By submitting bids under this RFP, bidders waive any right to challenge any valuation of bids or any determination to select or reject bids, or take any action with respect to this RFP, including any right bidders may otherwise have to intervene in any regulatory proceeding for the purpose of protesting the selection or rejection of bids, any other decision of NV Energy with respect to this RFP, or any resulting agreement related to selected bids. By submitting bids, bidders irrevocably agree and acknowledge that bidders are submitting bids subject to and in agreement with the terms of this RFP and agree that NV Energy shall be entitled to specific performance of its rights hereunder and such other equitable or injunctive relief as may be appropriate.
9. As soon as practicable, NV Energy expects to analyze the received bids and to decide on bid awards. NV Energy will award successful bids to the successful bidders, and will execute written confirmations in accordance with the applicable Master Trading Agreement. Confirmations should be sent to sppc_gas_confirms@nvenergy.com. For questions regarding gas contracts or related matters, please contact Kalli Mlekush at kalli.mlekush@nvenergy.com and Yeimi Montes at yeimi.montes@nvenergy.com.
10. If selected, the credit terms of your existing Master Trading Agreement with NV Energy will apply. For questions regarding credit, payment provisions, or related matters, please contact Jenny Venter at jenny.venter@nvenergy.com.

Thank you for your continued interest and participation.

Attachment: Bid Form



W23-24, S24, W24-25, and S25 Physical Gas Request for Proposals
GN-2023-3 NVE North

1. Sierra Pacific Power Company d/b/a NV Energy (“NV Energy”) through this Request for Proposals (“RFP”) is soliciting competitively priced bids for firm physical gas supplies to meet its needs. The deadline for bid submission is **Wednesday, September 13, 2023 at 9:00 AM Pacific Prevailing Time.**

- a. Terms

- i. November 1, 2023 through March 31, 2024
- ii. April 1, 2024 through October 31, 2024
- iii. November 1, 2024 through March 31, 2025
- iv. April 1, 2025 through October 31, 2025
- v. Multiple seasons
- vi. Individual months November 1, 2024 through October 31, 2025

- b. Maximum daily volume per bid MMBtu/day

- i. Winter Season
 - a) AECO 75,000
 - b) Rockies 25,000
 - c) Sumas 25,000
 - d) TC Energy GTN 25,000
 - e) Delivered gas into Paiute 25,000
 - f) Delivered gas into Tuscarora 25,000
- ii. Summer Season
 - a) AECO 40,000
 - b) Rockies 20,000
 - c) Sumas 20,000
 - d) TC Energy GTN 25,000
 - e) Delivered gas into Paiute 25,000
 - f) Delivered gas into Tuscarora 25,000

- c. Delivery points

- i. AECO: AB-NIT.
- ii. Rockies: Opal, Wyoming Pool, Rocky Mountain Pool, Ignacio, Green River Gathering, and South of Green River.
- iii. Sumas: NWPL Sumas Receipt.
- iv. TC Energy GTN: Kingsgate, Stanfield, and Malin.
- v. Delivered gas into Paiute: NWPL Reno Lateral, and Ruby Opal Valley.
- vi. Delivered gas into Tuscarora: GTN Tuscarora, and Ruby Sapphire Mountain.

- d. Pricing

Use the first-of-month index of the Canadian Gas Price Reporter's ("CGPR") AECO 7a index, Inside FERC Northwest Rocky Mountains index, the Natural Gas Intelligence ("NGI") Malin index, or the Inside FERC Northwest Canadian Border ("Sumas") index, whichever is closest in physical proximity to the delivery point.

e. Renewable Natural Gas

In addition to standard products, proposals for the sale of renewable natural gas will be considered. Prospective bidders are encouraged to use the comment section of the attached bid form to differentiate all renewable natural gas proposals.

2. For questions regarding gas delivery points or related matters, please contact Ryan Kemble at (917) 601-5003 or ryan.kemble@nvenergy.com.
3. In its sole and absolute discretion, NV Energy may suspend or terminate this RFP or any portion thereof and accept or reject any or all bids, without notice and without assigning any reasons therefore. Bids shall be subject to competition and evaluation.
4. NV Energy requires that bidders:
 - a. Submit bids for firm gas only;
 - b. Provide prices in U.S. dollars and volumes in MMBtu/day;
 - c. Use the attached Bid Form, avoid altering its format (e.g. no column deletion), and use only a single Bid Form;
 - d. Indicate in the Bid Form if the bid is a strip bid (i.e. the same volume across contiguous months); or without such an indication, NV Energy will assume that the bid is a shapeable bid (i.e. flexible volumes across contiguous months, with each month's volume to be set at the time of award and execution);
 - e. Define any special terms or conditions in the Comments column of the Bid Form;
 - f. Submit bids via e-mail to sppcgasrfp@nvenergy.com on or before the bid submission deadline; and
 - g. Have executed and delivered a Master Trading Agreement for the purchase and sale of natural gas (i.e. NAESB Agreement, GasEDI Agreement, or an ISDA Agreement with Natural Gas Annex) prior to bid submission, in form and substance acceptable to NV Energy. In addition, if the bid is for the AB-NIT delivery point, an executed Canadian Addendum (or equivalent) to the Master Trading Agreement is also required prior to bid submission; and
5. NV Energy encourages bidders to submit multiple bids with high granularity in regards to volume, price, or term. For example, during high volume months, monthly bids that have the same or different volumes across contiguous or non-contiguous months are particularly useful in granularly filling in requirements above shapeable or strip bids.
6. If any portion of a bid is marked confidential, NV Energy will exercise reasonable efforts to protect such information. However, such information may be made available

to regulatory commissions, their staffs, or other governmental agencies having an interest in this matter. NV Energy reserves the right to disclose such information to its agents and contractors for evaluation purposes, but they shall be required to observe the same degree of care with respect to disclosure as NV Energy. Under no circumstances shall NV Energy, its affiliates, subsidiaries and parent companies, their directors, officers, employees, agents, and contractors be liable to bidders under this RFP or any other party for any damages resulting from disclosure of such information or for any act or omission resulting from or arising under this RFP.

7. Bidders are solely responsible for all costs incurred in developing bids and, if applicable, in leading to an executed agreement. Any materials provided to NV Energy will not be returned and will become the property of NV Energy.
8. By submitting bids under this RFP, bidders waive any right to challenge any valuation of bids or any determination to select or reject bids, or take any action with respect to this RFP, including any right bidders may otherwise have to intervene in any regulatory proceeding for the purpose of protesting the selection or rejection of bids, any other decision of NV Energy with respect to this RFP, or any resulting agreement related to selected bids. By submitting bids, bidders irrevocably agree and acknowledge that bidders are submitting bids subject to and in agreement with the terms of this RFP and agree that NV Energy shall be entitled to specific performance of its rights hereunder and such other equitable or injunctive relief as may be appropriate.
9. As soon as practicable, NV Energy expects to analyze the received bids and to decide on bid awards. NV Energy will award successful bids to the successful bidders, and will execute written confirmations in accordance with the applicable Master Trading Agreement. Confirmations should be sent to sppc_gas_confirms@nvenergy.com. For questions regarding gas contracts or related matters, please contact Kalli Mlekush at kalli.mlekush@nvenergy.com and Yeimi Montes at yeimi.montes@nvenergy.com.
10. If selected, the credit terms of your existing Master Trading Agreement with NV Energy will apply. For questions regarding credit, payment provisions, or related matters, please contact Jenny Venter at jenny.venter@nvenergy.com.

Thank you for your continued interest and participation.

Attachment: Bid Form

EXHIBIT ATKINS-DIRECT-7

TXN	TXN DATE	BEGIN DATE	END DATE	VOLUME	PRICE	INDEX	LOCATION	TXN TYPE	BUY SELL
91383	3/8/2021	12/1/2022	1/31/2023	6500	0	IF ROCKIES	NWP - ROCKY MOUNTAIN POOL	INDEX	BUY
91373	3/8/2021	1/1/2023	1/31/2023	37000	0	CGPR AECO	ALBERTA - AECO/NIT	INDEX	BUY
91374	3/8/2021	2/1/2023	2/28/2023	35000	0	CGPR AECO	ALBERTA - AECO/NIT	INDEX	BUY
91384	3/8/2021	2/1/2023	2/28/2023	5500	0	IF ROCKIES	NWP - ROCKY MOUNTAIN POOL	INDEX	BUY
91375	3/8/2021	3/1/2023	3/31/2023	31500	0	CGPR AECO	ALBERTA - AECO/NIT	INDEX	BUY
91385	3/8/2021	3/1/2023	3/31/2023	4000	0	IF ROCKIES	NWP - ROCKY MOUNTAIN POOL	INDEX	BUY
95970	9/3/2021	1/1/2023	1/31/2023	2000	0	IF ROCKIES	NWP - WY_POOL	INDEX	BUY
96010	9/3/2021	1/1/2023	1/31/2023	2500	0	IF CDN BORDER	NWP - SUMAS	INDEX	BUY
95950	9/3/2021	12/1/2022	1/31/2023	2500	0	IF ROCKIES	NWP - ROCKY MOUNTAIN POOL	INDEX	BUY
95987	9/3/2021	1/1/2023	1/31/2023	39500	0	CGPR AECO	ALBERTA - AECO/NIT	INDEX	BUY
96011	9/3/2021	2/1/2023	2/28/2023	1500	0	IF CDN BORDER	NWP - SUMAS	INDEX	BUY
95971	9/3/2021	2/1/2023	2/28/2023	1000	0	IF ROCKIES	NWP - WY_POOL	INDEX	BUY
95951	9/3/2021	2/1/2023	2/28/2023	3500	0	IF ROCKIES	NWP - ROCKY MOUNTAIN POOL	INDEX	BUY
95988	9/3/2021	2/1/2023	2/28/2023	40000	0	CGPR AECO	ALBERTA - AECO/NIT	INDEX	BUY
95989	9/3/2021	3/1/2023	3/31/2023	30500	0	CGPR AECO	ALBERTA - AECO/NIT	INDEX	BUY
95952	9/3/2021	3/1/2023	3/31/2023	5000	0	IF ROCKIES	NWP - ROCKY MOUNTAIN POOL	INDEX	BUY
95990	9/3/2021	4/1/2023	4/30/2023	21000	0	CGPR AECO	ALBERTA - AECO/NIT	INDEX	BUY
95972	9/3/2021	4/1/2023	4/30/2023	500	0	IF ROCKIES	NWP - WY_POOL	INDEX	BUY
95953	9/3/2021	4/1/2023	4/30/2023	9000	0	IF ROCKIES	NWP - ROCKY MOUNTAIN POOL	INDEX	BUY
95954	9/3/2021	5/1/2023	5/31/2023	6500	0	IF ROCKIES	NWP - ROCKY MOUNTAIN POOL	INDEX	BUY
95991	9/3/2021	5/1/2023	5/31/2023	21500	0	CGPR AECO	ALBERTA - AECO/NIT	INDEX	BUY
95992	9/3/2021	6/1/2023	6/30/2023	23500	0	CGPR AECO	ALBERTA - AECO/NIT	INDEX	BUY
95955	9/3/2021	6/1/2023	6/30/2023	7000	0	IF ROCKIES	NWP - ROCKY MOUNTAIN POOL	INDEX	BUY
95973	9/3/2021	7/1/2023	7/31/2023	2000	0	IF ROCKIES	NWP - WY_POOL	INDEX	BUY
95993	9/3/2021	7/1/2023	7/31/2023	28500	0	CGPR AECO	ALBERTA - AECO/NIT	INDEX	BUY
95956	9/3/2021	7/1/2023	8/31/2023	9000	0	IF ROCKIES	NWP - ROCKY MOUNTAIN POOL	INDEX	BUY
95994	9/3/2021	8/1/2023	8/31/2023	26500	0	CGPR AECO	ALBERTA - AECO/NIT	INDEX	BUY
95974	9/3/2021	8/1/2023	8/31/2023	1000	0	IF ROCKIES	NWP - WY_POOL	INDEX	BUY
95995	9/3/2021	9/1/2023	9/30/2023	23000	0	CGPR AECO	ALBERTA - AECO/NIT	INDEX	BUY
95996	9/3/2021	10/1/2023	10/31/2023	21500	0	CGPR AECO	ALBERTA - AECO/NIT	INDEX	BUY
95957	9/3/2021	9/1/2023	10/31/2023	7500	0	IF ROCKIES	NWP - ROCKY MOUNTAIN POOL	INDEX	BUY
99523	3/10/2022	1/1/2023	1/31/2023	6000	0	IF ROCKIES	NWP - GREEN RIVER	INDEX	BUY
99494	3/10/2022	1/1/2023	1/31/2023	4500	0	CGPR AECO	ALBERTA - AECO/NIT	INDEX	BUY
99511	3/10/2022	1/1/2023	1/31/2023	5500	0	IF CDN BORDER	NWP - SUMAS	INDEX	BUY
99512	3/10/2022	2/1/2023	2/28/2023	4000	0	IF CDN BORDER	NWP - SUMAS	INDEX	BUY
99495	3/10/2022	2/1/2023	2/28/2023	6500	0	CGPR AECO	ALBERTA - AECO/NIT	INDEX	BUY
99526	3/10/2022	2/1/2023	2/28/2023	5000	0	IF ROCKIES	NWP - WY_POOL	INDEX	BUY
99513	3/10/2022	3/1/2023	3/31/2023	1500	0	IF CDN BORDER	NWP - SUMAS	INDEX	BUY
99527	3/10/2022	3/1/2023	3/31/2023	1500	0	IF ROCKIES	NWP - WY_POOL	INDEX	BUY
99496	3/10/2022	3/1/2023	3/31/2023	5000	0	CGPR AECO	ALBERTA - AECO/NIT	INDEX	BUY
99524	3/10/2022	11/1/2022	3/31/2023	6000	0	IF ROCKIES	NWP - GREEN RIVER	INDEX	BUY
99532	3/10/2022	11/1/2022	3/31/2023	17000	0	CGPR AECO	ALBERTA - AECO/NIT	INDEX	BUY
99535	3/10/2022	11/1/2022	3/31/2023	5000	0	IF CDN BORDER	NWP - SUMAS	INDEX	BUY
99514	3/10/2022	4/1/2023	4/30/2023	2000	0	IF CDN BORDER	NWP - SUMAS	INDEX	BUY
99497	3/10/2022	4/1/2023	4/30/2023	18000	0	CGPR AECO	ALBERTA - AECO/NIT	INDEX	BUY
99515	3/10/2022	5/1/2023	5/31/2023	1000	0	IF CDN BORDER	NWP - SUMAS	INDEX	BUY
99498	3/10/2022	5/1/2023	5/31/2023	14500	0	CGPR AECO	ALBERTA - AECO/NIT	INDEX	BUY
99499	3/10/2022	6/1/2023	6/30/2023	11000	0	CGPR AECO	ALBERTA - AECO/NIT	INDEX	BUY
99516	3/10/2022	7/1/2023	7/31/2023	1000	0	IF CDN BORDER	NWP - SUMAS	INDEX	BUY
99500	3/10/2022	7/1/2023	7/31/2023	10000	0	CGPR AECO	ALBERTA - AECO/NIT	INDEX	BUY
99501	3/10/2022	8/1/2023	8/31/2023	10500	0	CGPR AECO	ALBERTA - AECO/NIT	INDEX	BUY
99502	3/10/2022	9/1/2023	9/30/2023	11500	0	CGPR AECO	ALBERTA - AECO/NIT	INDEX	BUY
99503	3/10/2022	10/1/2023	10/31/2023	15500	0	CGPR AECO	ALBERTA - AECO/NIT	INDEX	BUY
99533	3/10/2022	4/1/2023	10/31/2023	12500	0	CGPR AECO	ALBERTA - AECO/NIT	INDEX	BUY
99530	3/10/2022	10/1/2023	10/31/2023	1500	0	IF ROCKIES	NWP - ROCKY MOUNTAIN POOL	INDEX	BUY
99506	3/10/2022	11/1/2023	11/30/2023	2000	0	CGPR AECO	ALBERTA - AECO/NIT	INDEX	BUY
99519	3/10/2022	11/1/2023	11/30/2023	1000	0	IF ROCKIES	NWP - ROCKY MOUNTAIN POOL	INDEX	BUY
99507	3/10/2022	12/1/2023	1/31/2024	5500	0	CGPR AECO	ALBERTA - AECO/NIT	INDEX	BUY
99517	3/10/2022	12/1/2023	1/31/2024	1000	0	IF CDN BORDER	NWP - SUMAS	INDEX	BUY
99528	3/10/2022	12/1/2023	1/31/2024	2500	0	IF ROCKIES	NWP - WY_POOL	INDEX	BUY
99531	3/10/2022	12/1/2023	2/29/2024	1000	0	IF ROCKIES	NWP - ROCKY MOUNTAIN POOL	INDEX	BUY
99518	3/10/2022	11/1/2023	3/31/2024	8000	0	IF ROCKIES	NWP - ROCKY MOUNTAIN POOL	INDEX	BUY
99534	3/10/2022	11/1/2023	3/31/2024	28000	0	CGPR AECO	ALBERTA - AECO/NIT	INDEX	BUY
102481	9/8/2022	1/1/2023	1/31/2023	4500	0	IF ROCKIES	NWP - WY_POOL	INDEX	BUY
102465	9/8/2022	1/1/2023	1/31/2023	500	0	NGI MALIN	GTN - KINGSGATE	INDEX	BUY
102473	9/8/2022	1/1/2023	1/31/2023	4500	0	IF CDN BORDER	NWP - SUMAS	INDEX	BUY
102443	9/8/2022	1/1/2023	1/31/2023	30500	0	CGPR AECO	ALBERTA - AECO/NIT	INDEX	BUY
102466	9/8/2022	2/1/2023	2/28/2023	1500	0	NGI MALIN	GTN - KINGSGATE	INDEX	BUY
102444	9/8/2022	2/1/2023	2/28/2023	30000	0	CGPR AECO	ALBERTA - AECO/NIT	INDEX	BUY
102445	9/8/2022	3/1/2023	3/31/2023	25000	0	CGPR AECO	ALBERTA - AECO/NIT	INDEX	BUY
102482	9/8/2022	2/1/2023	3/31/2023	3000	0	IF ROCKIES	NWP - WY_POOL	INDEX	BUY
102470	9/8/2022	11/1/2022	3/31/2023	500	0	IF ROCKIES	NWP - WY_POOL	INDEX	BUY
102474	9/8/2022	2/1/2023	3/31/2023	5500	0	IF CDN BORDER	NWP - SUMAS	INDEX	BUY
102467	9/8/2022	11/1/2022	3/31/2023	2000	0	IF CDN BORDER	NWP - SUMAS	INDEX	BUY
102483	9/8/2022	4/1/2023	4/30/2023	1500	0	IF ROCKIES	NWP - WY_POOL	INDEX	BUY
102446	9/8/2022	4/1/2023	4/30/2023	12000	0	CGPR AECO	ALBERTA - AECO/NIT	INDEX	BUY
102447	9/8/2022	5/1/2023	5/31/2023	23000	0	CGPR AECO	ALBERTA - AECO/NIT	INDEX	BUY
102484	9/8/2022	5/1/2023	5/31/2023	2000	0	IF ROCKIES	NWP - WY_POOL	INDEX	BUY

102475	9/8/2022	5/1/2023	5/31/2023	1000	0	IF CDN BORDER	NWP - SUMAS	INDEX	BUY
102448	9/8/2022	6/1/2023	6/30/2023	23500	0	CGPR AEEO	ALBERTA - AEEO/NIT	INDEX	BUY
102476	9/8/2022	7/1/2023	7/31/2023	1500	0	IF CDN BORDER	NWP - SUMAS	INDEX	BUY
102449	9/8/2022	7/1/2023	7/31/2023	26500	0	CGPR AEEO	ALBERTA - AEEO/NIT	INDEX	BUY
102450	9/8/2022	8/1/2023	8/31/2023	24500	0	CGPR AEEO	ALBERTA - AEEO/NIT	INDEX	BUY
102477	9/8/2022	8/1/2023	8/31/2023	500	0	IF CDN BORDER	NWP - SUMAS	INDEX	BUY
102451	9/8/2022	9/1/2023	9/30/2023	23000	0	CGPR AEEO	ALBERTA - AEEO/NIT	INDEX	BUY
102478	9/8/2022	10/1/2023	10/31/2023	500	0	IF CDN BORDER	NWP - SUMAS	INDEX	BUY
102468	9/8/2022	4/1/2023	10/31/2023	3000	0	IF CDN BORDER	NWP - SUMAS	INDEX	BUY
102469	9/8/2022	11/1/2022	10/31/2023	1500	0	IF ROCKIES	NWP - WY_POOL	INDEX	BUY
102452	9/8/2022	10/1/2023	10/31/2023	27000	0	CGPR AEEO	ALBERTA - AEEO/NIT	INDEX	BUY
102485	9/8/2022	10/1/2023	10/31/2023	500	0	IF ROCKIES	NWP - WY_POOL	INDEX	BUY
102453	9/8/2022	11/1/2023	11/30/2023	26000	0	CGPR AEEO	ALBERTA - AEEO/NIT	INDEX	BUY
102454	9/8/2022	12/1/2023	12/31/2023	33000	0	CGPR AEEO	ALBERTA - AEEO/NIT	INDEX	BUY
102471	9/8/2022	11/1/2023	10/31/2024	4000	0	IF ROCKIES	NWP - WY_POOL	INDEX	BUY
102479	9/8/2022	11/1/2023	10/31/2024	5000	0	IF CDN BORDER	NWP - SUMAS	INDEX	BUY
104488	12/27/2022	1/1/2023	1/31/2023	2668	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY
104531	12/30/2022	1/1/2023	1/3/2023	1919	4.1		ALBERTA - AEEO/NIT	FIXED	BUY
104530	12/30/2022	1/1/2023	1/3/2023	15185	4.75		GTN - KINGSGATE	FIXED	BUY
104525	12/30/2022	1/1/2023	1/3/2023	2500	17.5		GTN - MALIN	FIXED	BUY
104527	12/30/2022	1/1/2023	1/3/2023	5000	12.5		GTN - MALIN	FIXED	BUY
104521	12/30/2022	1/1/2023	1/3/2023	1000	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY
104528	12/30/2022	1/1/2023	1/3/2023	5000	17.5		GTN - MALIN	FIXED	BUY
104522	12/30/2022	1/1/2023	1/3/2023	3528	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
104529	12/30/2022	1/1/2023	1/3/2023	2500	17.5		GTN - MALIN	FIXED	BUY
104523	12/30/2022	1/1/2023	1/3/2023	13000	17.75		PAIUTE - RENO LATERAL	FIXED	BUY
104526	12/30/2022	1/1/2023	1/3/2023	5000	15.25		GTN - MALIN	FIXED	BUY
104524	12/30/2022	1/1/2023	1/3/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
104570	1/3/2023	1/4/2023	1/4/2023	1919	3.87		ALBERTA - AEEO/NIT	FIXED	BUY
104565	1/3/2023	1/4/2023	1/4/2023	5000	22.5		GTN - MALIN	FIXED	BUY
104544	1/3/2023	1/4/2023	1/4/2023	1000	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY
104569	1/3/2023	1/4/2023	1/4/2023	15200	4		GTN - KINGSGATE	FIXED	BUY
104568	1/3/2023	1/4/2023	1/4/2023	3528	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
104564	1/3/2023	1/4/2023	1/4/2023	5000	22		GTN - MALIN	FIXED	BUY
104566	1/3/2023	1/4/2023	1/4/2023	5000	22.5		GTN - MALIN	FIXED	BUY
104567	1/3/2023	1/4/2023	1/4/2023	15000	22.05		GTN - MALIN	FIXED	BUY
104589	1/4/2023	1/5/2023	1/5/2023	5000	17.55		GTN - MALIN	FIXED	BUY
104592	1/4/2023	1/5/2023	1/5/2023	3528	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
104594	1/4/2023	1/5/2023	1/5/2023	1919	4.095		ALBERTA - AEEO/NIT	FIXED	BUY
104590	1/4/2023	1/5/2023	1/5/2023	5000	17.55		GTN - MALIN	FIXED	BUY
104595	1/4/2023	1/5/2023	1/5/2023	5000	17.85		PAIUTE - RENO LATERAL	FIXED	BUY
104587	1/4/2023	1/5/2023	1/5/2023	1000	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY
104588	1/4/2023	1/5/2023	1/5/2023	5000	17.55		GTN - MALIN	FIXED	BUY
104591	1/4/2023	1/5/2023	1/5/2023	5000	17.55		GTN - MALIN	FIXED	BUY
104593	1/4/2023	1/5/2023	1/5/2023	15200	3.85		GTN - KINGSGATE	FIXED	BUY
104621	1/5/2023	1/6/2023	1/6/2023	10000	15.5		GTN - MALIN	FIXED	BUY
104618	1/5/2023	1/6/2023	1/6/2023	3527	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
104617	1/5/2023	1/6/2023	1/6/2023	1000	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY
104622	1/5/2023	1/6/2023	1/6/2023	5000	15.5		GTN - MALIN	FIXED	BUY
104620	1/5/2023	1/6/2023	1/6/2023	5000	15.5		GTN - MALIN	FIXED	BUY
104623	1/5/2023	1/6/2023	1/6/2023	15200	3.75		GTN - KINGSGATE	FIXED	BUY
104624	1/5/2023	1/6/2023	1/6/2023	1919	3.91		ALBERTA - AEEO/NIT	FIXED	BUY
104619	1/5/2023	1/6/2023	1/6/2023	10000	16		PAIUTE - RENO LATERAL	FIXED	BUY
104644	1/6/2023	1/7/2023	1/9/2023	1000	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY
104649	1/6/2023	1/7/2023	1/9/2023	2500	16.35		GTN - MALIN	FIXED	BUY
104655	1/6/2023	1/7/2023	1/9/2023	5000	3.75		GTN - KINGSGATE	FIXED	BUY
104653	1/6/2023	1/7/2023	1/9/2023	5000	3.75		GTN - KINGSGATE	FIXED	BUY
104650	1/6/2023	1/7/2023	1/9/2023	5000	16.4		GTN - MALIN	FIXED	BUY
104656	1/6/2023	1/7/2023	1/9/2023	200	3.7		GTN - KINGSGATE	FIXED	BUY
104645	1/6/2023	1/7/2023	1/9/2023	3527	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
104654	1/6/2023	1/7/2023	1/9/2023	5000	3.75		GTN - KINGSGATE	FIXED	BUY
104646	1/6/2023	1/7/2023	1/9/2023	10000	16.425		PAIUTE - RENO LATERAL	FIXED	BUY
104657	1/6/2023	1/7/2023	1/9/2023	1919	3.7		ALBERTA - AEEO/NIT	FIXED	BUY
104648	1/6/2023	1/7/2023	1/9/2023	2500	16.35		GTN - MALIN	FIXED	BUY
104647	1/6/2023	1/7/2023	1/9/2023	5000	16.4		GTN - MALIN	FIXED	BUY
104652	1/6/2023	1/7/2023	1/9/2023	5000	16		GTN - MALIN	FIXED	BUY
104651	1/6/2023	1/7/2023	1/9/2023	5000	16.4		GTN - MALIN	FIXED	BUY
104680	1/9/2023	1/10/2023	1/10/2023	1919	3.96		ALBERTA - AEEO/NIT	FIXED	BUY
104678	1/9/2023	1/10/2023	1/10/2023	5000	18.1		GTN - MALIN	FIXED	BUY
104675	1/9/2023	1/10/2023	1/10/2023	5000	18.2		PAIUTE - RENO LATERAL	FIXED	BUY
104677	1/9/2023	1/10/2023	1/10/2023	5000	17.9		GTN - MALIN	FIXED	BUY
104676	1/9/2023	1/10/2023	1/10/2023	5000	17.9		GTN - MALIN	FIXED	BUY
104679	1/9/2023	1/10/2023	1/10/2023	15200	3.85		GTN - KINGSGATE	FIXED	BUY
104672	1/9/2023	1/10/2023	1/10/2023	1000	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY
104673	1/9/2023	1/10/2023	1/10/2023	3527	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
104674	1/9/2023	1/10/2023	1/10/2023	96	7.5		NWP - ROCKY MOUNTAIN POOL	FIXED	BUY
104697	1/10/2023	1/11/2023	1/11/2023	96	0	GD NW S. OF GREEN	NWP - ROCKY MOUNTAIN POOL	INDEX	BUY
104695	1/10/2023	1/11/2023	1/11/2023	1000	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY
104701	1/10/2023	1/11/2023	1/11/2023	5000	3.55		GTN - KINGSGATE	FIXED	BUY

104703	1/10/2023	1/11/2023	1/11/2023	1919	3.64		ALBERTA - AECO/NIT	FIXED	BUY
104702	1/10/2023	1/11/2023	1/11/2023	5000	3.55		GTN - KINGSGATE	FIXED	BUY
104696	1/10/2023	1/11/2023	1/11/2023	3527	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
104704	1/10/2023	1/11/2023	1/11/2023	5000	17.3		GTN - MALIN	FIXED	SELL
104698	1/10/2023	1/11/2023	1/11/2023	1000	17.2		PAIUTE - RENO LATERAL	FIXED	BUY
104700	1/10/2023	1/11/2023	1/11/2023	5000	3.55		GTN - KINGSGATE	FIXED	BUY
104699	1/10/2023	1/11/2023	1/11/2023	200	3.55		GTN - KINGSGATE	FIXED	BUY
104717	1/11/2023	1/10/2023	1/10/2023	1000	3.6		ALBERTA - AECO/NIT	FIXED	SELL
104705	1/11/2023	1/12/2023	1/12/2023	1000	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY
104713	1/11/2023	1/12/2023	1/12/2023	5000	3.85		GTN - KINGSGATE	FIXED	BUY
104715	1/11/2023	1/12/2023	1/12/2023	5000	3.9		GTN - KINGSGATE	FIXED	BUY
104708	1/11/2023	1/12/2023	1/12/2023	10000	15.8		PAIUTE - RENO LATERAL	FIXED	BUY
104706	1/11/2023	1/12/2023	1/12/2023	3527	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
104710	1/11/2023	1/12/2023	1/12/2023	5000	16.8		GTN - MALIN	FIXED	BUY
104714	1/11/2023	1/12/2023	1/12/2023	2700	3.8		GTN - KINGSGATE	FIXED	BUY
104716	1/11/2023	1/12/2023	1/12/2023	1919	3.67		ALBERTA - AECO/NIT	FIXED	BUY
104707	1/11/2023	1/12/2023	1/12/2023	96	11		NWP - ROCKY MOUNTAIN POOL	FIXED	BUY
104711	1/11/2023	1/12/2023	1/12/2023	5000	16.5		GTN - MALIN	FIXED	BUY
104712	1/11/2023	1/12/2023	1/12/2023	2500	3.9		GTN - KINGSGATE	FIXED	BUY
104709	1/11/2023	1/12/2023	1/12/2023	5000	16.8		GTN - MALIN	FIXED	BUY
104749	1/12/2023	1/12/2023	1/12/2023	5000	23		GTN - MALIN	FIXED	SELL
104742	1/12/2023	1/13/2023	1/13/2023	3000	20.85		PAIUTE - RENO LATERAL	FIXED	BUY
104740	1/12/2023	1/13/2023	1/13/2023	3527	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
104748	1/12/2023	1/13/2023	1/13/2023	5000	21.5		GTN - MALIN	FIXED	SELL
104743	1/12/2023	1/13/2023	1/13/2023	5000	3.65		GTN - KINGSGATE	FIXED	BUY
104745	1/12/2023	1/13/2023	1/13/2023	5200	3.95		GTN - KINGSGATE	FIXED	BUY
104747	1/12/2023	1/13/2023	1/13/2023	5000	21.75		GTN - MALIN	FIXED	SELL
104741	1/12/2023	1/13/2023	1/13/2023	96	12.25		NWP - ROCKY MOUNTAIN POOL	FIXED	BUY
104739	1/12/2023	1/13/2023	1/13/2023	1000	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY
104746	1/12/2023	1/13/2023	1/13/2023	1919	3.8775		ALBERTA - AECO/NIT	FIXED	BUY
104744	1/12/2023	1/13/2023	1/13/2023	5000	3.88		GTN - KINGSGATE	FIXED	BUY
104756	1/13/2023	1/14/2023	1/17/2023	5000	15.5		GTN - MALIN	FIXED	BUY
104757	1/13/2023	1/14/2023	1/17/2023	3000	15.65		GTN - MALIN	FIXED	BUY
104755	1/13/2023	1/14/2023	1/17/2023	2000	15.3		GTN - MALIN	FIXED	BUY
104750	1/13/2023	1/14/2023	1/17/2023	1000	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY
104754	1/13/2023	1/14/2023	1/17/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
104759	1/13/2023	1/14/2023	1/17/2023	1919	3.48		ALBERTA - AECO/NIT	FIXED	BUY
104752	1/13/2023	1/14/2023	1/17/2023	3527	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
104758	1/13/2023	1/14/2023	1/17/2023	15200	3.4		GTN - KINGSGATE	FIXED	BUY
104753	1/13/2023	1/14/2023	1/17/2023	96	11.5		NWP - ROCKY MOUNTAIN POOL	FIXED	BUY
104791	1/17/2023	1/18/2023	1/18/2023	3800	21.25		GTN - MALIN	FIXED	BUY
104786	1/17/2023	1/18/2023	1/18/2023	1000	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY
104787	1/17/2023	1/18/2023	1/18/2023	3527	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
104790	1/17/2023	1/18/2023	1/18/2023	5000	21.1		GTN - MALIN	FIXED	BUY
104788	1/17/2023	1/18/2023	1/18/2023	9000	21.35		PAIUTE - RENO LATERAL	FIXED	BUY
104795	1/17/2023	1/18/2023	1/18/2023	1919	3.77		ALBERTA - AECO/NIT	FIXED	BUY
104793	1/17/2023	1/18/2023	1/18/2023	300	3.4		GTN - KINGSGATE	FIXED	BUY
104794	1/17/2023	1/18/2023	1/18/2023	14900	3.5		GTN - KINGSGATE	FIXED	BUY
104789	1/17/2023	1/18/2023	1/18/2023	5000	21.25		GTN - MALIN	FIXED	BUY
104792	1/17/2023	1/18/2023	1/18/2023	1200	21.25		GTN - MALIN	FIXED	BUY
104824	1/18/2023	1/19/2023	1/19/2023	5000	19		GTN - MALIN	FIXED	BUY
104825	1/18/2023	1/19/2023	1/19/2023	5000	19		GTN - MALIN	FIXED	BUY
104819	1/18/2023	1/19/2023	1/19/2023	3527	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
104829	1/18/2023	1/19/2023	1/19/2023	1919	3.59		ALBERTA - AECO/NIT	FIXED	BUY
104821	1/18/2023	1/19/2023	1/19/2023	7500	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
104826	1/18/2023	1/19/2023	1/19/2023	5000	0	GD KINGSGATE	GTN - KINGSGATE	INDEX	BUY
104827	1/18/2023	1/19/2023	1/19/2023	5200	3.5		GTN - KINGSGATE	FIXED	BUY
104828	1/18/2023	1/19/2023	1/19/2023	5000	3.435		GTN - KINGSGATE	FIXED	BUY
104820	1/18/2023	1/19/2023	1/19/2023	96	0	GD NW S. OF GREEN	NWP - ROCKY MOUNTAIN POOL	INDEX	BUY
104822	1/18/2023	1/19/2023	1/19/2023	10000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
104823	1/18/2023	1/19/2023	1/19/2023	5000	19.25		GTN - MALIN	FIXED	BUY
104818	1/18/2023	1/19/2023	1/19/2023	1000	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY
104861	1/19/2023	1/20/2023	1/20/2023	6700	0	GD KINGSGATE	GTN - KINGSGATE	INDEX	BUY
104851	1/19/2023	1/20/2023	1/20/2023	3527	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
104850	1/19/2023	1/20/2023	1/20/2023	1000	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY
104859	1/19/2023	1/20/2023	1/20/2023	10000	15		GTN - MALIN	FIXED	BUY
104854	1/19/2023	1/20/2023	1/20/2023	5000	15.05		PAIUTE - RENO LATERAL	FIXED	BUY
104860	1/19/2023	1/20/2023	1/20/2023	2500	15		GTN - MALIN	FIXED	BUY
104857	1/19/2023	1/20/2023	1/20/2023	10000	15		GTN - MALIN	FIXED	BUY
104853	1/19/2023	1/20/2023	1/20/2023	5000	14.8		PAIUTE - RENO LATERAL	FIXED	BUY
104852	1/19/2023	1/20/2023	1/20/2023	96	0	GD NW S. OF GREEN	NWP - ROCKY MOUNTAIN POOL	INDEX	BUY
104856	1/19/2023	1/20/2023	1/20/2023	5900	15		GTN - MALIN	FIXED	BUY
104858	1/19/2023	1/20/2023	1/20/2023	5000	15		GTN - MALIN	FIXED	BUY
104862	1/19/2023	1/20/2023	1/20/2023	8500	3.3		GTN - KINGSGATE	FIXED	BUY
104855	1/19/2023	1/20/2023	1/20/2023	3000	14.65		PAIUTE - RENO LATERAL	FIXED	BUY
104863	1/19/2023	1/20/2023	1/20/2023	1919	3.54		ALBERTA - AECO/NIT	FIXED	BUY
104883	1/20/2023	1/21/2023	1/23/2023	5000	14.25		GTN - MALIN	FIXED	BUY
104881	1/20/2023	1/21/2023	1/23/2023	10000	14.5		PAIUTE - RENO LATERAL	FIXED	BUY
104885	1/20/2023	1/21/2023	1/23/2023	5000	14.25		GTN - MALIN	FIXED	BUY

104889	1/20/2023	1/21/2023	1/23/2023	1919	3.53		ALBERTA - AECO/NIT	FIXED	BUY
104888	1/20/2023	1/21/2023	1/23/2023	5200	0	GD KINGSGATE	GTN - KINGSGATE	INDEX	BUY
104882	1/20/2023	1/21/2023	1/23/2023	5000	14.25		GTN - MALIN	FIXED	BUY
104880	1/20/2023	1/21/2023	1/23/2023	96	0	GD NW S. OF GREEN	NWP - ROCKY MOUNTAIN POOL	INDEX	BUY
104879	1/20/2023	1/21/2023	1/23/2023	3527	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
104886	1/20/2023	1/21/2023	1/23/2023	5000	14.25		GTN - MALIN	FIXED	BUY
104884	1/20/2023	1/21/2023	1/23/2023	5000	14.25		GTN - MALIN	FIXED	BUY
104878	1/20/2023	1/21/2023	1/23/2023	1000	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY
104887	1/20/2023	1/21/2023	1/23/2023	10000	0	GD KINGSGATE	GTN - KINGSGATE	INDEX	BUY
104907	1/23/2023	1/24/2023	1/24/2023	1000	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY
104912	1/23/2023	1/24/2023	1/24/2023	1800	3.56		ALBERTA - AECO/NIT	FIXED	BUY
104909	1/23/2023	1/24/2023	1/24/2023	3527	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
104908	1/23/2023	1/24/2023	1/24/2023	5000	15.25		GTN - MALIN	FIXED	BUY
104910	1/23/2023	1/24/2023	1/24/2023	8000	16.45		PAIUTE - RENO LATERAL	FIXED	BUY
104911	1/23/2023	1/24/2023	1/24/2023	15200	0	GD KINGSGATE	GTN - KINGSGATE	INDEX	BUY
104928	1/24/2023	1/25/2023	1/25/2023	3527	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
104934	1/24/2023	1/25/2023	1/25/2023	1850	3.53		ALBERTA - AECO/NIT	FIXED	BUY
104930	1/24/2023	1/25/2023	1/25/2023	5000	17.95		PAIUTE - RENO LATERAL	FIXED	BUY
104929	1/24/2023	1/25/2023	1/25/2023	96	0	GD NW S. OF GREEN	NWP - ROCKY MOUNTAIN POOL	INDEX	BUY
104932	1/24/2023	1/25/2023	1/25/2023	10000	18		GTN - MALIN	FIXED	BUY
104931	1/24/2023	1/25/2023	1/25/2023	2500	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
104933	1/24/2023	1/25/2023	1/25/2023	15200	0	GD KINGSGATE	GTN - KINGSGATE	INDEX	BUY
104927	1/24/2023	1/25/2023	1/25/2023	1000	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY
104959	1/25/2023	1/26/2023	1/26/2023	1800	3.32		ALBERTA - AECO/NIT	FIXED	BUY
104953	1/25/2023	1/26/2023	1/26/2023	5000	14.75		PAIUTE - RENO LATERAL	FIXED	BUY
104951	1/25/2023	1/26/2023	1/26/2023	3527	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
104954	1/25/2023	1/26/2023	1/26/2023	300	15		GTN - MALIN	FIXED	BUY
104958	1/25/2023	1/26/2023	1/26/2023	15200	0	GD KINGSGATE	GTN - KINGSGATE	INDEX	BUY
104950	1/25/2023	1/26/2023	1/26/2023	1000	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY
104957	1/25/2023	1/26/2023	1/26/2023	5000	15.4		GTN - MALIN	FIXED	BUY
104956	1/25/2023	1/26/2023	1/26/2023	5000	14.75		GTN - MALIN	FIXED	BUY
104952	1/25/2023	1/26/2023	1/26/2023	96	0	GD NW S. OF GREEN	NWP - ROCKY MOUNTAIN POOL	INDEX	BUY
104955	1/25/2023	1/26/2023	1/26/2023	4700	15		GTN - MALIN	FIXED	BUY
104979	1/26/2023	1/27/2023	1/27/2023	1000	6.95		NWP - WY_POOL	FIXED	BUY
104981	1/26/2023	1/27/2023	1/27/2023	600	7.2		GTN - MALIN	FIXED	BUY
104965	1/26/2023	1/27/2023	1/27/2023	96	0	GD NW S. OF GREEN	NWP - ROCKY MOUNTAIN POOL	INDEX	BUY
104982	1/26/2023	1/27/2023	1/27/2023	5000	7.25		GTN - MALIN	FIXED	BUY
104980	1/26/2023	1/27/2023	1/27/2023	3527	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
104983	1/26/2023	1/27/2023	1/27/2023	15200	0	GD KINGSGATE	GTN - KINGSGATE	INDEX	BUY
104984	1/26/2023	1/27/2023	1/27/2023	1850	3.05		ALBERTA - AECO/NIT	FIXED	BUY
105010	1/27/2023	1/27/2023	1/27/2023	5000	9		GTN - MALIN	FIXED	BUY
105007	1/27/2023	1/28/2023	1/30/2023	5000	10.1		GTN - MALIN	FIXED	BUY
105008	1/27/2023	1/28/2023	1/30/2023	15200	0	GD KINGSGATE	GTN - KINGSGATE	INDEX	BUY
105001	1/27/2023	1/28/2023	1/30/2023	1000	11.5		NWP - WY_POOL	FIXED	BUY
105004	1/27/2023	1/28/2023	1/30/2023	10000	10.65		PAIUTE - RENO LATERAL	FIXED	BUY
105003	1/27/2023	1/28/2023	1/30/2023	96	0	GD NW S. OF GREEN	NWP - ROCKY MOUNTAIN POOL	INDEX	BUY
105006	1/27/2023	1/28/2023	1/30/2023	10000	10.75		GTN - MALIN	FIXED	BUY
105009	1/27/2023	1/28/2023	1/30/2023	1919	3.45		ALBERTA - AECO/NIT	FIXED	BUY
105002	1/27/2023	1/28/2023	1/30/2023	3527	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
105005	1/27/2023	1/28/2023	1/30/2023	5000	11		GTN - MALIN	FIXED	BUY
105015	1/29/2023	1/30/2023	1/30/2023	3000	11.4		PAIUTE - RENO LATERAL	FIXED	BUY
105057	1/30/2023	1/30/2023	1/30/2023	5000	11		GTN - MALIN	FIXED	BUY
105055	1/30/2023	1/31/2023	1/31/2023	15200	0	GD KINGSGATE	GTN - KINGSGATE	INDEX	BUY
105054	1/30/2023	1/31/2023	1/31/2023	2400	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
105048	1/30/2023	1/31/2023	1/31/2023	3527	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
105047	1/30/2023	1/31/2023	1/31/2023	1000	8.3		NWP - WY_POOL	FIXED	BUY
105052	1/30/2023	1/31/2023	1/31/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
105051	1/30/2023	1/31/2023	1/31/2023	7600	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
105056	1/30/2023	1/31/2023	1/31/2023	1919	3.13		ALBERTA - AECO/NIT	FIXED	BUY
105049	1/30/2023	1/31/2023	1/31/2023	5000	8.65		PAIUTE - RENO LATERAL	FIXED	BUY
105050	1/30/2023	1/31/2023	1/31/2023	8000	8.35		PAIUTE - RENO LATERAL	FIXED	BUY
105053	1/30/2023	1/31/2023	1/31/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
105090	1/31/2023	2/1/2023	2/1/2023	668	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY
105092	1/31/2023	2/1/2023	2/1/2023	5028	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
105097	1/31/2023	2/1/2023	2/1/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
105101	1/31/2023	2/1/2023	2/1/2023	2500	11.25		GTN - MALIN	FIXED	BUY
105094	1/31/2023	2/1/2023	2/1/2023	8000	11.5		PAIUTE - RENO LATERAL	FIXED	BUY
105107	1/31/2023	2/1/2023	2/1/2023	96	0	GD NW S. OF GREEN	NWP - ROCKY MOUNTAIN POOL	INDEX	BUY
105100	1/31/2023	2/1/2023	2/1/2023	2500	11.25		GTN - MALIN	FIXED	BUY
105096	1/31/2023	2/1/2023	2/1/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
105095	1/31/2023	2/1/2023	2/1/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
105091	1/31/2023	2/1/2023	2/1/2023	6500	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY
105098	1/31/2023	2/1/2023	2/1/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
105099	1/31/2023	2/1/2023	2/1/2023	5000	11.25		GTN - MALIN	FIXED	BUY
105093	1/31/2023	2/1/2023	2/1/2023	5000	11.5		PAIUTE - RENO LATERAL	FIXED	BUY
105103	1/31/2023	2/1/2023	2/1/2023	10000	0	GD KINGSGATE	GTN - KINGSGATE	INDEX	BUY
105102	1/31/2023	2/1/2023	2/1/2023	3300	10		GTN - MALIN	FIXED	BUY
105104	1/31/2023	2/1/2023	2/1/2023	2000	0	GD KINGSGATE	GTN - KINGSGATE	INDEX	BUY
105105	1/31/2023	2/1/2023	2/1/2023	2600	0	GD KINGSGATE	GTN - KINGSGATE	INDEX	BUY

105106	1/31/2023	2/1/2023	2/1/2023	1919	2.99		ALBERTA - AECO/NIT	FIXED	BUY
105119	2/1/2023	1/31/2023	1/31/2023	100	2.82		ALBERTA - AECO/NIT	FIXED	SELL
105109	2/1/2023	2/2/2023	2/2/2023	5028	12.75		NWP - SUMAS	FIXED	BUY
105115	2/1/2023	2/2/2023	2/2/2023	4300	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
105118	2/1/2023	2/2/2023	2/2/2023	4600	4		GTN - KINGSGATE	FIXED	BUY
105108	2/1/2023	2/2/2023	2/2/2023	7100	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY
105110	2/1/2023	2/2/2023	2/2/2023	96	10.5		NWP - ROCKY MOUNTAIN POOL	FIXED	BUY
105114	2/1/2023	2/2/2023	2/2/2023	10000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
105111	2/1/2023	2/2/2023	2/2/2023	13000	14.5		PAIUTE - RENO LATERAL	FIXED	BUY
105112	2/1/2023	2/2/2023	2/2/2023	10000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
105113	2/1/2023	2/2/2023	2/2/2023	700	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
105117	2/1/2023	2/2/2023	2/2/2023	10000	0	GD KINGSGATE	GTN - KINGSGATE	INDEX	BUY
105116	2/1/2023	2/2/2023	2/2/2023	8400	14		GTN - MALIN	FIXED	BUY
105147	2/2/2023	2/3/2023	2/3/2023	4600	0	GD KINGSGATE	GTN - KINGSGATE	INDEX	BUY
105141	2/2/2023	2/3/2023	2/3/2023	5000	4.6		PAIUTE - RENO LATERAL	FIXED	BUY
105148	2/2/2023	2/3/2023	2/3/2023	10000	0	GD KINGSGATE	GTN - KINGSGATE	INDEX	BUY
105144	2/2/2023	2/3/2023	2/3/2023	2200	4.3		GTN - MALIN	FIXED	BUY
105149	2/2/2023	2/3/2023	2/3/2023	1919	2.8		ALBERTA - AECO/NIT	FIXED	BUY
105139	2/2/2023	2/3/2023	2/3/2023	7100	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY
105143	2/2/2023	2/3/2023	2/3/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
105142	2/2/2023	2/3/2023	2/3/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
105146	2/2/2023	2/3/2023	2/3/2023	2800	4.3		GTN - MALIN	FIXED	BUY
105145	2/2/2023	2/3/2023	2/3/2023	5000	4.565		GTN - MALIN	FIXED	BUY
105140	2/2/2023	2/3/2023	2/3/2023	5028	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
105208	2/3/2023	2/2/2023	2/2/2023	7100	2.63		ALBERTA - AECO/NIT	FIXED	SELL
105204	2/3/2023	2/4/2023	2/6/2023	5000	3.85		GTN - MALIN	FIXED	BUY
105206	2/3/2023	2/4/2023	2/6/2023	4000	2.2		GTN - KINGSGATE	FIXED	BUY
105207	2/3/2023	2/4/2023	2/6/2023	1919	2.52		ALBERTA - AECO/NIT	FIXED	BUY
105199	2/3/2023	2/4/2023	2/6/2023	68	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY
105205	2/3/2023	2/4/2023	2/6/2023	10583	0	GD KINGSGATE	GTN - KINGSGATE	INDEX	BUY
105203	2/3/2023	2/4/2023	2/6/2023	7500	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
105200	2/3/2023	2/4/2023	2/6/2023	7100	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY
105201	2/3/2023	2/4/2023	2/6/2023	5028	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
105202	2/3/2023	2/4/2023	2/6/2023	5000	3.7		PAIUTE - RENO LATERAL	FIXED	BUY
105215	2/6/2023	2/7/2023	2/7/2023	5000	3.65		PAIUTE - RENO LATERAL	FIXED	BUY
105216	2/6/2023	2/7/2023	2/7/2023	2500	3.615		GTN - MALIN	FIXED	BUY
105217	2/6/2023	2/7/2023	2/7/2023	5000	3.61		GTN - MALIN	FIXED	BUY
105214	2/6/2023	2/7/2023	2/7/2023	5028	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
105213	2/6/2023	2/7/2023	2/7/2023	7168	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY
105218	2/6/2023	2/7/2023	2/7/2023	4000	0	GD KINGSGATE	GTN - KINGSGATE	INDEX	BUY
105219	2/6/2023	2/7/2023	2/7/2023	10583	0	GD KINGSGATE	GTN - KINGSGATE	INDEX	BUY
105220	2/6/2023	2/7/2023	2/7/2023	1000	2.6		ALBERTA - AECO/NIT	FIXED	BUY
105248	2/7/2023	2/8/2023	2/8/2023	2500	3.82		GTN - MALIN	FIXED	BUY
105249	2/7/2023	2/8/2023	2/8/2023	4000	2.53		GTN - KINGSGATE	FIXED	BUY
105250	2/7/2023	2/8/2023	2/8/2023	7168	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY
105254	2/7/2023	2/8/2023	2/8/2023	5000	3.95		PAIUTE - RENO LATERAL	FIXED	BUY
105251	2/7/2023	2/8/2023	2/8/2023	5028	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
105253	2/7/2023	2/8/2023	2/8/2023	1919	2.75		ALBERTA - AECO/NIT	FIXED	BUY
105252	2/7/2023	2/8/2023	2/8/2023	10595	0	GD KINGSGATE	GTN - KINGSGATE	INDEX	BUY
105310	2/8/2023	2/9/2023	2/9/2023	5000	4.88		GTN - MALIN	FIXED	BUY
105314	2/8/2023	2/9/2023	2/9/2023	4000	2.25		GTN - KINGSGATE	FIXED	BUY
105307	2/8/2023	2/9/2023	2/9/2023	7168	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY
105313	2/8/2023	2/9/2023	2/9/2023	10595	0	GD KINGSGATE	GTN - KINGSGATE	INDEX	BUY
105312	2/8/2023	2/9/2023	2/9/2023	5000	4.825		GTN - MALIN	FIXED	BUY
105308	2/8/2023	2/9/2023	2/9/2023	5028	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
105309	2/8/2023	2/9/2023	2/9/2023	10000	4.92		PAIUTE - RENO LATERAL	FIXED	BUY
105311	2/8/2023	2/9/2023	2/9/2023	5000	4.825		GTN - MALIN	FIXED	BUY
105321	2/9/2023	2/10/2023	2/10/2023	1097	0	GD KINGSGATE	GTN - KINGSGATE	INDEX	BUY
105319	2/9/2023	2/10/2023	2/10/2023	5000	4.8		GTN - MALIN	FIXED	BUY
105318	2/9/2023	2/10/2023	2/10/2023	5028	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
105317	2/9/2023	2/10/2023	2/10/2023	5000	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY
105316	2/9/2023	2/10/2023	2/10/2023	2100	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY
105323	2/9/2023	2/10/2023	2/10/2023	5000	0	GD KINGSGATE	GTN - KINGSGATE	INDEX	BUY
105322	2/9/2023	2/10/2023	2/10/2023	5000	0	GD KINGSGATE	GTN - KINGSGATE	INDEX	BUY
105320	2/9/2023	2/10/2023	2/10/2023	3500	0	GD KINGSGATE	GTN - KINGSGATE	INDEX	BUY
105350	2/10/2023	2/9/2023	2/9/2023	5000	2.51		ALBERTA - AECO/NIT	FIXED	SELL
105349	2/10/2023	2/10/2023	2/10/2023	5000	2.57		ALBERTA - AECO/NIT	FIXED	SELL
105347	2/10/2023	2/11/2023	2/13/2023	4000	2.5		GTN - KINGSGATE	FIXED	BUY
105343	2/10/2023	2/11/2023	2/13/2023	7168	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY
105348	2/10/2023	2/11/2023	2/13/2023	1919	2.59		ALBERTA - AECO/NIT	FIXED	BUY
105345	2/10/2023	2/11/2023	2/13/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
105344	2/10/2023	2/11/2023	2/13/2023	5028	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
105346	2/10/2023	2/11/2023	2/14/2023	10595	0	GD KINGSGATE	GTN - KINGSGATE	INDEX	BUY
105403	2/13/2023	2/14/2023	2/14/2023	2500	5.7		GTN - MALIN	FIXED	BUY
105406	2/13/2023	2/14/2023	2/14/2023	7168	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY
105408	2/13/2023	2/14/2023	2/14/2023	1919	2.64		ALBERTA - AECO/NIT	FIXED	BUY
105402	2/13/2023	2/14/2023	2/14/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
105410	2/13/2023	2/14/2023	2/14/2023	7500	5.85		PAIUTE - RENO LATERAL	FIXED	BUY
105409	2/13/2023	2/14/2023	2/14/2023	5028	0	GD SUMAS	NWP - SUMAS	INDEX	BUY

105404	2/13/2023	2/14/2023	2/14/2023	2500	5.8		GTN - MALIN	FIXED	BUY
105407	2/13/2023	2/14/2023	2/14/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
105405	2/13/2023	2/14/2023	2/14/2023	4000	2.2		GTN - KINGSGATE	FIXED	BUY
105437	2/14/2023	1/31/2023	1/31/2023	96	0	GD NW S. OF GREEN	NWP - ROCKY MOUNTAIN POOL	INDEX	BUY
105431	2/14/2023	2/15/2023	2/15/2023	5000	4.85		PAIUTE - RENO LATERAL	FIXED	BUY
105436	2/14/2023	2/15/2023	2/15/2023	1919	2.735		ALBERTA - AECO/NIT	FIXED	BUY
105429	2/14/2023	2/15/2023	2/15/2023	5028	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
105434	2/14/2023	2/15/2023	2/15/2023	10000	0	GD KINGSGATE	GTN - KINGSGATE	INDEX	BUY
105428	2/14/2023	2/15/2023	2/15/2023	7168	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY
105432	2/14/2023	2/15/2023	2/15/2023	10000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
105435	2/14/2023	2/15/2023	2/15/2023	4595	0	GD KINGSGATE	GTN - KINGSGATE	INDEX	BUY
105430	2/14/2023	2/15/2023	2/15/2023	8000	4.85		PAIUTE - RENO LATERAL	FIXED	BUY
105433	2/14/2023	2/15/2023	2/15/2023	10000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
105464	2/15/2023	2/16/2023	2/16/2023	96	0	GD NW S. OF GREEN	NWP - ROCKY MOUNTAIN POOL	INDEX	BUY
105465	2/15/2023	2/16/2023	2/16/2023	10595	0	GD KINGSGATE	GTN - KINGSGATE	INDEX	BUY
105463	2/15/2023	2/16/2023	2/16/2023	5028	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
105466	2/15/2023	2/16/2023	2/16/2023	4000	2.25		GTN - KINGSGATE	FIXED	BUY
105462	2/15/2023	2/16/2023	2/16/2023	7168	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY
105467	2/15/2023	2/16/2023	2/16/2023	1919	2.605		ALBERTA - AECO/NIT	FIXED	BUY
105498	2/16/2023	2/17/2023	2/17/2023	2300	6.65		GTN - MALIN	FIXED	BUY
105497	2/16/2023	2/17/2023	2/17/2023	2700	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
105499	2/16/2023	2/17/2023	2/17/2023	5000	6.65		GTN - MALIN	FIXED	BUY
105494	2/16/2023	2/17/2023	2/17/2023	5028	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
105493	2/16/2023	2/17/2023	2/17/2023	7168	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY
105496	2/16/2023	2/17/2023	2/17/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
105501	2/16/2023	2/17/2023	2/17/2023	5000	0	GD KINGSGATE	GTN - KINGSGATE	INDEX	BUY
105500	2/16/2023	2/17/2023	2/17/2023	9600	2.4		GTN - KINGSGATE	FIXED	BUY
105502	2/16/2023	2/17/2023	2/17/2023	1000	2.67		ALBERTA - AECO/NIT	FIXED	BUY
105495	2/16/2023	2/17/2023	2/17/2023	96	0	GD NW S. OF GREEN	NWP - ROCKY MOUNTAIN POOL	INDEX	BUY
105554	2/17/2023	2/18/2023	2/21/2023	14600	2.3		GTN - KINGSGATE	FIXED	BUY
105552	2/17/2023	2/18/2023	2/21/2023	7168	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY
105555	2/17/2023	2/18/2023	2/21/2023	1919	2.53		ALBERTA - AECO/NIT	FIXED	BUY
105558	2/17/2023	2/18/2023	2/21/2023	5000	5.6		GTN - MALIN	FIXED	SELL
105556	2/17/2023	2/18/2023	2/21/2023	5000	5.6		GTN - MALIN	FIXED	SELL
105557	2/17/2023	2/18/2023	2/21/2023	5000	5.6		GTN - MALIN	FIXED	SELL
105553	2/17/2023	2/18/2023	2/21/2023	5028	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
105598	2/21/2023	2/22/2023	2/22/2023	9000	2.5		GTN - KINGSGATE	FIXED	BUY
105597	2/21/2023	2/22/2023	2/22/2023	5595	0	GD KINGSGATE	GTN - KINGSGATE	INDEX	BUY
105589	2/21/2023	2/22/2023	2/22/2023	10000	6.5		PAIUTE - RENO LATERAL	FIXED	BUY
105593	2/21/2023	2/22/2023	2/22/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
105588	2/21/2023	2/22/2023	2/22/2023	96	0	GD NW S. OF GREEN	NWP - ROCKY MOUNTAIN POOL	INDEX	BUY
105592	2/21/2023	2/22/2023	2/22/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
105594	2/21/2023	2/22/2023	2/22/2023	5000	6.7		GTN - MALIN	FIXED	BUY
105595	2/21/2023	2/22/2023	2/22/2023	5000	6.5		GTN - MALIN	FIXED	BUY
105599	2/21/2023	2/22/2023	2/22/2023	1919	2.53		ALBERTA - AECO/NIT	FIXED	BUY
105587	2/21/2023	2/22/2023	2/22/2023	5028	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
105586	2/21/2023	2/22/2023	2/22/2023	7168	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY
105591	2/21/2023	2/22/2023	2/22/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
105596	2/21/2023	2/22/2023	2/22/2023	2900	6.3		GTN - MALIN	FIXED	BUY
105590	2/21/2023	2/22/2023	2/22/2023	3000	6.4		PAIUTE - RENO LATERAL	FIXED	BUY
105631	2/22/2023	2/22/2023	2/22/2023	5500	7.5		GTN - MALIN	FIXED	BUY
105622	2/22/2023	2/23/2023	2/23/2023	96	0	GD NW S. OF GREEN	NWP - ROCKY MOUNTAIN POOL	INDEX	BUY
105621	2/22/2023	2/23/2023	2/23/2023	5028	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
105626	2/22/2023	2/23/2023	2/23/2023	400	8.05		GTN - MALIN	FIXED	BUY
105627	2/22/2023	2/23/2023	2/23/2023	5000	0	GD KINGSGATE	GTN - KINGSGATE	INDEX	BUY
105620	2/22/2023	2/23/2023	2/23/2023	7168	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY
105619	2/22/2023	2/23/2023	2/23/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
105628	2/22/2023	2/23/2023	2/23/2023	5595	0	GD KINGSGATE	GTN - KINGSGATE	INDEX	BUY
105629	2/22/2023	2/23/2023	2/23/2023	4000	3		GTN - KINGSGATE	FIXED	BUY
105624	2/22/2023	2/23/2023	2/23/2023	10000	8.25		GTN - MALIN	FIXED	BUY
105630	2/22/2023	2/23/2023	2/23/2023	1919	2.71		ALBERTA - AECO/NIT	FIXED	BUY
105623	2/22/2023	2/23/2023	2/23/2023	13000	8.35		PAIUTE - RENO LATERAL	FIXED	BUY
105625	2/22/2023	2/23/2023	2/23/2023	10000	8.2		GTN - MALIN	FIXED	BUY
105618	2/22/2023	2/23/2023	2/23/2023	8000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
105664	2/23/2023	2/24/2023	2/24/2023	4000	4		GTN - KINGSGATE	FIXED	BUY
105661	2/23/2023	2/24/2023	2/24/2023	10000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
105655	2/23/2023	2/24/2023	2/24/2023	5028	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
105657	2/23/2023	2/24/2023	2/24/2023	7000	13		PAIUTE - RENO LATERAL	FIXED	BUY
105660	2/23/2023	2/24/2023	2/24/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
105658	2/23/2023	2/24/2023	2/24/2023	2500	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
105662	2/23/2023	2/24/2023	2/24/2023	200	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
105656	2/23/2023	2/24/2023	2/24/2023	96	0	GD NW S. OF GREEN	NWP - ROCKY MOUNTAIN POOL	INDEX	BUY
105654	2/23/2023	2/24/2023	2/24/2023	7100	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY
105665	2/23/2023	2/24/2023	2/24/2023	1700	2.84		ALBERTA - AECO/NIT	FIXED	BUY
105663	2/23/2023	2/24/2023	2/24/2023	10595	0	GD KINGSGATE	GTN - KINGSGATE	INDEX	BUY
105659	2/23/2023	2/24/2023	2/24/2023	2300	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
105680	2/24/2023	2/25/2023	2/27/2023	10595	0	GD KINGSGATE	GTN - KINGSGATE	INDEX	BUY
105675	2/24/2023	2/25/2023	2/27/2023	5028	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
105676	2/24/2023	2/25/2023	2/27/2023	96	3		NWP - ROCKY MOUNTAIN POOL	FIXED	BUY

105681	2/24/2023	2/25/2023	2/27/2023	4000	3.5		GTN - KINGSGATE	FIXED	BUY
105682	2/24/2023	2/25/2023	2/27/2023	1850	2.66		ALBERTA - AECO/NIT	FIXED	BUY
105674	2/24/2023	2/25/2023	2/27/2023	7100	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY
105679	2/24/2023	2/25/2023	2/27/2023	6000	12		GTN - MALIN	FIXED	BUY
105677	2/24/2023	2/25/2023	2/27/2023	10000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
105678	2/24/2023	2/25/2023	2/27/2023	10000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
105721	2/27/2023	2/28/2023	2/28/2023	5000	7.05		GTN - MALIN	FIXED	BUY
105724	2/27/2023	2/28/2023	2/28/2023	1800	2.88		ALBERTA - AECO/NIT	FIXED	BUY
105714	2/27/2023	2/28/2023	2/28/2023	13000	7.14		PAIUTE - RENO LATERAL	FIXED	BUY
105723	2/27/2023	2/28/2023	2/28/2023	500	3.45		GTN - KINGSGATE	FIXED	BUY
105716	2/27/2023	2/28/2023	2/28/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
105717	2/27/2023	2/28/2023	2/28/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
105718	2/27/2023	2/28/2023	2/28/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
105712	2/27/2023	2/28/2023	2/28/2023	5028	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
105722	2/27/2023	2/28/2023	2/28/2023	14100	0	GD KINGSGATE	GTN - KINGSGATE	INDEX	BUY
105719	2/27/2023	2/28/2023	2/28/2023	1900	7.05		GTN - MALIN	FIXED	BUY
105720	2/27/2023	2/28/2023	2/28/2023	5000	7.05		GTN - MALIN	FIXED	BUY
105711	2/27/2023	2/28/2023	2/28/2023	7168	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY
105715	2/27/2023	2/28/2023	2/28/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
105713	2/27/2023	2/28/2023	2/28/2023	96	0	GD NW S. OF GREEN	NWP - ROCKY MOUNTAIN POOL	INDEX	BUY
105729	2/28/2023	3/1/2023	3/1/2023	4500	9.25		PAIUTE - RENO LATERAL	FIXED	BUY
105726	2/28/2023	3/1/2023	3/1/2023	9028	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
105731	2/28/2023	3/1/2023	3/1/2023	10000	9.4		GTN - MALIN	FIXED	BUY
105733	2/28/2023	3/1/2023	3/1/2023	5000	8.65		GTN - MALIN	FIXED	BUY
105725	2/28/2023	3/1/2023	3/1/2023	11600	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY
105737	2/28/2023	3/1/2023	3/1/2023	10000	3		ALBERTA - AECO/NIT	FIXED	BUY
105734	2/28/2023	3/1/2023	3/1/2023	5000	8.65		GTN - MALIN	FIXED	BUY
105727	2/28/2023	3/1/2023	3/1/2023	96	0	GD NW S. OF GREEN	NWP - ROCKY MOUNTAIN POOL	INDEX	BUY
105730	2/28/2023	3/1/2023	3/1/2023	5000	8.1		GTN - MALIN	FIXED	BUY
105728	2/28/2023	3/1/2023	3/1/2023	7500	8.45		PAIUTE - RENO LATERAL	FIXED	BUY
105736	2/28/2023	3/1/2023	3/1/2023	2000	3.03		ALBERTA - AECO/NIT	FIXED	BUY
105735	2/28/2023	3/1/2023	3/1/2023	16000	0	GD KINGSGATE	GTN - KINGSGATE	INDEX	BUY
105732	2/28/2023	3/1/2023	3/1/2023	5000	8.65		GTN - MALIN	FIXED	BUY
105738	2/28/2023	3/1/2023	3/1/2023	10000	2.98		ALBERTA - AECO/NIT	FIXED	BUY
105803	3/1/2023	3/2/2023	3/2/2023	7000	3.05		ALBERTA - AECO/NIT	FIXED	BUY
105797	3/1/2023	3/2/2023	3/2/2023	10000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
105795	3/1/2023	3/2/2023	3/2/2023	5000	11.2		PAIUTE - RENO LATERAL	FIXED	BUY
105805	3/1/2023	3/2/2023	3/2/2023	10000	2.92		ALBERTA - AECO/NIT	FIXED	BUY
105793	3/1/2023	3/2/2023	3/2/2023	9028	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
105794	3/1/2023	3/2/2023	3/2/2023	96	0	GD NW S. OF GREEN	NWP - ROCKY MOUNTAIN POOL	INDEX	BUY
105796	3/1/2023	3/2/2023	3/2/2023	10000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
105801	3/1/2023	3/2/2023	3/2/2023	15000	0	GD KINGSGATE	GTN - KINGSGATE	INDEX	BUY
105798	3/1/2023	3/2/2023	3/2/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
105789	3/1/2023	3/2/2023	3/2/2023	500	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY
105799	3/1/2023	3/2/2023	3/2/2023	5000	11.25		GTN - MALIN	FIXED	BUY
105802	3/1/2023	3/2/2023	3/2/2023	1100	0	GD KINGSGATE	GTN - KINGSGATE	INDEX	BUY
105800	3/1/2023	3/2/2023	3/2/2023	5000	11.25		GTN - MALIN	FIXED	BUY
105804	3/1/2023	3/2/2023	3/2/2023	5000	3.055		ALBERTA - AECO/NIT	FIXED	BUY
105790	3/1/2023	3/2/2023	3/2/2023	1500	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY
105792	3/1/2023	3/2/2023	3/2/2023	5000	11.3		NWP - WY_POOL	FIXED	BUY
105791	3/1/2023	3/2/2023	3/2/2023	4600	11.3		NWP - WY_POOL	FIXED	BUY
105816	3/2/2023	3/3/2023	3/3/2023	6700	3.1		GTN - KINGSGATE	FIXED	BUY
105815	3/2/2023	3/3/2023	3/3/2023	9400	0	GD KINGSGATE	GTN - KINGSGATE	INDEX	BUY
105811	3/2/2023	3/3/2023	3/3/2023	96	0	GD NW S. OF GREEN	NWP - ROCKY MOUNTAIN POOL	INDEX	BUY
105812	3/2/2023	3/3/2023	3/3/2023	5000	11.2		PAIUTE - RENO LATERAL	FIXED	BUY
105807	3/2/2023	3/3/2023	3/3/2023	5000	11.05		NWP - WY_POOL	FIXED	BUY
105810	3/2/2023	3/3/2023	3/3/2023	9028	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
105808	3/2/2023	3/3/2023	3/3/2023	5000	11.05		NWP - WY_POOL	FIXED	BUY
105813	3/2/2023	3/3/2023	3/3/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
105817	3/2/2023	3/3/2023	3/3/2023	10000	3.08		ALBERTA - AECO/NIT	FIXED	BUY
105814	3/2/2023	3/3/2023	3/3/2023	5000	11.25		GTN - MALIN	FIXED	BUY
105818	3/2/2023	3/3/2023	3/3/2023	12352	3.12		ALBERTA - AECO/NIT	FIXED	BUY
105809	3/2/2023	3/3/2023	3/3/2023	1600	11.05		NWP - WY_POOL	FIXED	BUY
105919	3/3/2023	3/4/2023	3/6/2023	10000	7.35		PAIUTE - RENO LATERAL	FIXED	BUY
105915	3/3/2023	3/4/2023	3/6/2023	10100	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY
105923	3/3/2023	3/4/2023	3/6/2023	5000	0	GD KINGSGATE	GTN - KINGSGATE	INDEX	BUY
105925	3/3/2023	3/4/2023	3/6/2023	10000	3.25		ALBERTA - AECO/NIT	FIXED	BUY
105918	3/3/2023	3/4/2023	3/6/2023	96	0	GD NW S. OF GREEN	NWP - ROCKY MOUNTAIN POOL	INDEX	BUY
105917	3/3/2023	3/4/2023	3/6/2023	9028	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
105924	3/3/2023	3/4/2023	3/6/2023	5000	0	GD KINGSGATE	GTN - KINGSGATE	INDEX	BUY
105922	3/3/2023	3/4/2023	3/6/2023	6100	3.25		GTN - KINGSGATE	FIXED	BUY
105920	3/3/2023	3/4/2023	3/6/2023	1400	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
105926	3/3/2023	3/4/2023	3/6/2023	12300	3.28		ALBERTA - AECO/NIT	FIXED	BUY
105916	3/3/2023	3/4/2023	3/6/2023	1500	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY
105921	3/3/2023	3/4/2023	3/6/2023	3600	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
105869	3/3/2023	4/1/2023	4/30/2023	13500	0	CGPR AECO	ALBERTA - AECO/NIT	INDEX	BUY
105843	3/3/2023	4/1/2023	4/30/2023	10000	0	CGPR AECO	ALBERTA - AECO/NIT	INDEX	BUY
105888	3/3/2023	5/1/2023	5/31/2023	500	0	IF ROCKIES	NWP - ROCKY MOUNTAIN POOL	INDEX	BUY
105844	3/3/2023	5/1/2023	5/31/2023	6000	0	CGPR AECO	ALBERTA - AECO/NIT	INDEX	BUY

105890	3/3/2023	5/1/2023	5/31/2023	5000	0	IF CDN BORDER	NWP - SUMAS	INDEX	BUY
105853	3/3/2023	5/1/2023	5/31/2023	4000	0	IF ROCKIES	NWP - WY_POOL	INDEX	BUY
105891	3/3/2023	6/1/2023	6/30/2023	8000	0	IF CDN BORDER	NWP - SUMAS	INDEX	BUY
105845	3/3/2023	6/1/2023	6/30/2023	7000	0	CGPR AECO	ALBERTA - AECO/NIT	INDEX	BUY
105854	3/3/2023	6/1/2023	6/30/2023	7500	0	IF ROCKIES	NWP - WY_POOL	INDEX	BUY
105857	3/3/2023	7/1/2023	7/31/2023	21000	0	NGI MALIN	GTN - SAPPHIRE MOUNTAIN	INDEX	BUY
105883	3/3/2023	7/1/2023	7/31/2023	12500	0	IF ROCKIES	NWP - WY_POOL	INDEX	BUY
105846	3/3/2023	8/1/2023	8/31/2023	3500	0	CGPR AECO	ALBERTA - AECO/NIT	INDEX	BUY
105858	3/3/2023	8/1/2023	8/31/2023	12500	0	NGI MALIN	GTN - SAPPHIRE MOUNTAIN	INDEX	BUY
105884	3/3/2023	8/1/2023	8/31/2023	11500	0	IF ROCKIES	NWP - WY_POOL	INDEX	BUY
105885	3/3/2023	9/1/2023	9/30/2023	11000	0	IF ROCKIES	NWP - WY_POOL	INDEX	BUY
105847	3/3/2023	9/1/2023	9/30/2023	7500	0	CGPR AECO	ALBERTA - AECO/NIT	INDEX	BUY
105889	3/3/2023	9/1/2023	9/30/2023	1500	0	IF ROCKIES	NWP - ROCKY MOUNTAIN POOL	INDEX	BUY
105860	3/3/2023	4/1/2023	10/31/2023	6500	0	IF CDN BORDER	NWP - SUMAS	INDEX	BUY
105894	3/3/2023	4/1/2023	10/31/2023	7500	0	IF ROCKIES	NWP - WY_POOL	INDEX	BUY
105859	3/3/2023	10/1/2023	10/31/2023	5000	0	NGI MALIN	GTN - SAPPHIRE MOUNTAIN	INDEX	BUY
105892	3/3/2023	7/1/2023	10/31/2023	10000	0	IF CDN BORDER	NWP - SUMAS	INDEX	BUY
105841	3/3/2023	4/1/2023	10/31/2023	2000	0	CGPR AECO	ALBERTA - AECO/NIT	INDEX	BUY
105848	3/3/2023	10/1/2023	10/31/2023	1000	0	CGPR AECO	ALBERTA - AECO/NIT	INDEX	BUY
105886	3/3/2023	10/1/2023	10/31/2023	12000	0	IF ROCKIES	NWP - WY_POOL	INDEX	BUY
105849	3/3/2023	11/1/2023	11/30/2023	6000	0	CGPR AECO	ALBERTA - AECO/NIT	INDEX	BUY
105855	3/3/2023	11/1/2023	11/30/2023	1500	0	IF ROCKIES	NWP - WY_POOL	INDEX	BUY
105881	3/3/2023	12/1/2023	12/31/2023	2000	0	IF ROCKIES	NWP - WY_POOL	INDEX	BUY
105850	3/3/2023	12/1/2023	1/31/2024	10000	0	CGPR AECO	ALBERTA - AECO/NIT	INDEX	BUY
105842	3/3/2023	11/1/2023	3/31/2024	3000	0	CGPR AECO	ALBERTA - AECO/NIT	INDEX	BUY
105861	3/3/2023	11/1/2023	3/31/2024	20000	0	CGPR AECO	ALBERTA - AECO/NIT	INDEX	BUY
105893	3/3/2023	11/1/2023	3/31/2024	7000	0	IF CDN BORDER	NWP - SUMAS	INDEX	BUY
105887	3/3/2023	11/1/2023	3/31/2024	5500	0	IF ROCKIES	NWP - WY_POOL	INDEX	BUY
105940	3/6/2023	3/7/2023	3/7/2023	6600	9.5		NWP - WY_POOL	FIXED	BUY
105951	3/6/2023	3/7/2023	3/7/2023	10000	3.03		ALBERTA - AECO/NIT	FIXED	BUY
105943	3/6/2023	3/7/2023	3/7/2023	96	0	GD NW S. OF GREEN	NWP - ROCKY MOUNTAIN POOL	INDEX	BUY
105950	3/6/2023	3/7/2023	3/7/2023	12850	3.09		ALBERTA - AECO/NIT	FIXED	BUY
105944	3/6/2023	3/7/2023	3/7/2023	5000	9.4		PAIUTE - RENO LATERAL	FIXED	BUY
105947	3/6/2023	3/7/2023	3/7/2023	5000	3		GTN - KINGSGATE	FIXED	BUY
105942	3/6/2023	3/7/2023	3/7/2023	9028	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
105948	3/6/2023	3/7/2023	3/7/2023	1100	3		GTN - KINGSGATE	FIXED	BUY
105949	3/6/2023	3/7/2023	3/7/2023	5000	3		GTN - KINGSGATE	FIXED	BUY
105946	3/6/2023	3/7/2023	3/7/2023	5000	3		GTN - KINGSGATE	FIXED	BUY
105945	3/6/2023	3/7/2023	3/7/2023	5000	9.65		GTN - MALIN	FIXED	BUY
105941	3/6/2023	3/7/2023	3/7/2023	5000	9.05		NWP - WY_POOL	FIXED	BUY
105974	3/7/2023	3/8/2023	3/8/2023	18350	3.115		ALBERTA - AECO/NIT	FIXED	BUY
105972	3/7/2023	3/8/2023	3/8/2023	9028	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
105970	3/7/2023	3/8/2023	3/8/2023	5000	2.9		GTN - KINGSGATE	FIXED	BUY
105971	3/7/2023	3/8/2023	3/8/2023	1100	2.9		GTN - KINGSGATE	FIXED	BUY
105968	3/7/2023	3/8/2023	3/8/2023	5000	2.9		GTN - KINGSGATE	FIXED	BUY
105969	3/7/2023	3/8/2023	3/8/2023	5000	2.9		GTN - KINGSGATE	FIXED	BUY
105973	3/7/2023	3/8/2023	3/8/2023	96	0	GD NW S. OF GREEN	NWP - ROCKY MOUNTAIN POOL	INDEX	BUY
105975	3/8/2023	3/7/2023	3/7/2023	4000	3.39		ALBERTA - AECO/NIT	FIXED	SELL
105991	3/8/2023	3/9/2023	3/9/2023	5000	7.1		GTN - MALIN	FIXED	SELL
105985	3/8/2023	3/9/2023	3/9/2023	9028	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
105990	3/8/2023	3/9/2023	3/9/2023	5000	7.05		GTN - MALIN	FIXED	SELL
105984	3/8/2023	3/9/2023	3/9/2023	11600	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY
105988	3/8/2023	3/9/2023	3/9/2023	12350	3.23		ALBERTA - AECO/NIT	FIXED	BUY
105992	3/8/2023	3/9/2023	3/9/2023	2500	7.1		GTN - MALIN	FIXED	SELL
105989	3/8/2023	3/9/2023	3/9/2023	5000	3.3		ALBERTA - AECO/NIT	FIXED	BUY
105986	3/8/2023	3/9/2023	3/9/2023	96	0	GD NW S. OF GREEN	NWP - ROCKY MOUNTAIN POOL	INDEX	BUY
105987	3/8/2023	3/9/2023	3/9/2023	16100	2.975		GTN - KINGSGATE	FIXED	BUY
106025	3/9/2023	3/9/2023	3/9/2023	5000	3.1		ALBERTA - AECO/NIT	FIXED	BUY
106022	3/9/2023	3/10/2023	3/10/2023	16100	2.9		GTN - KINGSGATE	FIXED	BUY
106019	3/9/2023	3/10/2023	3/10/2023	2000	5.67		NWP - WY_POOL	FIXED	BUY
106024	3/9/2023	3/10/2023	3/10/2023	10000	3.1		ALBERTA - AECO/NIT	FIXED	BUY
106023	3/9/2023	3/10/2023	3/10/2023	12350	3.17		ALBERTA - AECO/NIT	FIXED	BUY
106020	3/9/2023	3/10/2023	3/10/2023	9028	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
106021	3/9/2023	3/10/2023	3/10/2023	96	0	GD NW S. OF GREEN	NWP - ROCKY MOUNTAIN POOL	INDEX	BUY
106034	3/10/2023	3/11/2023	3/13/2023	5000	2.95		GTN - KINGSGATE	FIXED	BUY
106030	3/10/2023	3/11/2023	3/13/2023	96	0	GD NW S. OF GREEN	NWP - ROCKY MOUNTAIN POOL	INDEX	BUY
106029	3/10/2023	3/11/2023	3/13/2023	9028	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
106032	3/10/2023	3/11/2023	3/13/2023	5000	2.95		GTN - KINGSGATE	FIXED	BUY
106039	3/10/2023	3/11/2023	3/13/2023	5000	4.85		GTN - MALIN	FIXED	SELL
106031	3/10/2023	3/11/2023	3/13/2023	1100	2.95		GTN - KINGSGATE	FIXED	BUY
106040	3/10/2023	3/11/2023	3/13/2023	5000	4.8		GTN - MALIN	FIXED	SELL
106036	3/10/2023	3/11/2023	3/13/2023	5000	4.81		GTN - MALIN	FIXED	SELL
106038	3/10/2023	3/11/2023	3/13/2023	3000	5.4		GTN - MALIN	FIXED	SELL
106033	3/10/2023	3/11/2023	3/13/2023	5000	2.95		GTN - KINGSGATE	FIXED	BUY
106035	3/10/2023	3/11/2023	3/13/2023	22300	2.97		ALBERTA - AECO/NIT	FIXED	BUY
106037	3/10/2023	3/11/2023	3/13/2023	5000	4.85		GTN - MALIN	FIXED	SELL
106075	3/13/2023	3/14/2023	3/14/2023	5000	2.75		GTN - KINGSGATE	FIXED	BUY
106078	3/13/2023	3/14/2023	3/14/2023	96	0	GD NW S. OF GREEN	NWP - ROCKY MOUNTAIN POOL	INDEX	BUY
106071	3/13/2023	3/14/2023	3/14/2023	5000	5.5		GTN - MALIN	FIXED	SELL

106072	3/13/2023	3/14/2023	3/14/2023	5000	5.4		GTN - MALIN	FIXED	SELL
106073	3/13/2023	3/14/2023	3/14/2023	5000	5.4		GTN - MALIN	FIXED	SELL
106070	3/13/2023	3/14/2023	3/14/2023	5000	5.4		GTN - MALIN	FIXED	SELL
106076	3/13/2023	3/14/2023	3/14/2023	6100	2.85		GTN - KINGSGATE	FIXED	BUY
106079	3/13/2023	3/14/2023	3/14/2023	22300	3.2		ALBERTA - AECO/NIT	FIXED	BUY
106069	3/13/2023	3/14/2023	3/14/2023	5000	5.4		GTN - MALIN	FIXED	SELL
106074	3/13/2023	3/14/2023	3/14/2023	5000	2.75		GTN - KINGSGATE	FIXED	BUY
106077	3/13/2023	3/14/2023	3/14/2023	9028	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
106089	3/14/2023	3/15/2023	3/15/2023	5000	5.75		GTN - MALIN	FIXED	SELL
106082	3/14/2023	3/15/2023	3/15/2023	96	0	GD NW S. OF GREEN	NWP - ROCKY MOUNTAIN POOL	INDEX	BUY
106083	3/14/2023	3/15/2023	3/15/2023	1900	2.65		GTN - KINGSGATE	FIXED	BUY
106086	3/14/2023	3/15/2023	3/15/2023	22300	3.21		ALBERTA - AECO/NIT	FIXED	BUY
106087	3/14/2023	3/15/2023	3/15/2023	5000	5.7		GTN - MALIN	FIXED	SELL
106091	3/14/2023	3/15/2023	3/15/2023	5000	5.75		GTN - MALIN	FIXED	SELL
106084	3/14/2023	3/15/2023	3/15/2023	8100	2.85		GTN - KINGSGATE	FIXED	BUY
106085	3/14/2023	3/15/2023	3/15/2023	6100	2.75		GTN - KINGSGATE	FIXED	BUY
106090	3/14/2023	3/15/2023	3/15/2023	5000	5.7		GTN - MALIN	FIXED	SELL
106088	3/14/2023	3/15/2023	3/15/2023	5000	5.75		GTN - MALIN	FIXED	SELL
106081	3/14/2023	3/15/2023	3/15/2023	9028	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
106131	3/15/2023	3/16/2023	3/16/2023	96	0	GD NW S. OF GREEN	NWP - ROCKY MOUNTAIN POOL	INDEX	BUY
106137	3/15/2023	3/16/2023	3/16/2023	5000	6		GTN - STANDFIELD	FIXED	SELL
106140	3/15/2023	3/16/2023	3/16/2023	5000	6.05		GTN - MALIN	FIXED	SELL
106134	3/15/2023	3/16/2023	3/16/2023	10000	3.08		ALBERTA - AECO/NIT	FIXED	BUY
106128	3/15/2023	3/16/2023	3/16/2023	3668	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY
106130	3/15/2023	3/16/2023	3/16/2023	3000	5.915		NWP - WY_POOL	FIXED	BUY
106135	3/15/2023	3/16/2023	3/16/2023	12352	3.06		ALBERTA - AECO/NIT	FIXED	BUY
106139	3/15/2023	3/16/2023	3/16/2023	3600	5.9		GTN - MALIN	FIXED	SELL
106136	3/15/2023	3/16/2023	3/16/2023	5000	6.05		GTN - STANDFIELD	FIXED	SELL
106129	3/15/2023	3/16/2023	3/16/2023	5000	6.1		NWP - WY_POOL	FIXED	BUY
106132	3/15/2023	3/16/2023	3/16/2023	10000	2.5		GTN - KINGSGATE	FIXED	BUY
106138	3/15/2023	3/16/2023	3/16/2023	5000	6		GTN - STANDFIELD	FIXED	SELL
106133	3/15/2023	3/16/2023	3/16/2023	6000	2.5		GTN - KINGSGATE	FIXED	BUY
106147	3/16/2023	3/16/2023	3/16/2023	9028	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
106151	3/16/2023	3/17/2023	3/17/2023	15952	2.45		GTN - KINGSGATE	FIXED	BUY
106154	3/16/2023	3/17/2023	3/17/2023	5000	4.1		GTN - STANDFIELD	FIXED	SELL
106150	3/16/2023	3/17/2023	3/17/2023	96	0	GD NW S. OF GREEN	NWP - ROCKY MOUNTAIN POOL	INDEX	BUY
106155	3/16/2023	3/17/2023	3/17/2023	10000	4.3		GTN - STANDFIELD	FIXED	SELL
106157	3/16/2023	3/17/2023	3/17/2023	2500	4.1		GTN - STANDFIELD	FIXED	SELL
106153	3/16/2023	3/17/2023	3/17/2023	7500	4.1		GTN - STANDFIELD	FIXED	SELL
106152	3/16/2023	3/17/2023	3/17/2023	22493	2.93		ALBERTA - AECO/NIT	FIXED	BUY
106149	3/16/2023	3/17/2023	3/17/2023	9028	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
106156	3/16/2023	3/17/2023	3/17/2023	5000	4.1		GTN - STANDFIELD	FIXED	SELL
106148	3/16/2023	3/17/2023	3/17/2023	7500	4.5		NWP - WY_POOL	FIXED	BUY
106220	3/17/2023	3/17/2023	3/17/2023	3000	5.75		GTN - MALIN	FIXED	SELL
106221	3/17/2023	3/17/2023	3/17/2023	500	2.95		ALBERTA - AECO/NIT	FIXED	SELL
106218	3/17/2023	3/18/2023	3/20/2023	5000	3.75		GTN - MALIN	FIXED	SELL
106215	3/17/2023	3/18/2023	3/20/2023	5000	3.8		GTN - STANDFIELD	FIXED	SELL
106214	3/17/2023	3/18/2023	3/20/2023	10000	2.94		ALBERTA - AECO/NIT	FIXED	BUY
106217	3/17/2023	3/18/2023	3/20/2023	3500	3.85		GTN - STANDFIELD	FIXED	SELL
106216	3/17/2023	3/18/2023	3/20/2023	10000	3.7		GTN - STANDFIELD	FIXED	SELL
106211	3/17/2023	3/18/2023	3/20/2023	9028	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
106212	3/17/2023	3/18/2023	3/20/2023	15952	2.48		GTN - KINGSGATE	FIXED	BUY
106213	3/17/2023	3/18/2023	3/20/2023	12000	2.93		ALBERTA - AECO/NIT	FIXED	BUY
106219	3/17/2023	3/18/2023	3/20/2023	3500	3.7		GTN - MALIN	FIXED	SELL
106210	3/17/2023	3/18/2023	3/20/2023	4000	3.7		NWP - WY_POOL	FIXED	BUY
106269	3/20/2023	3/21/2023	3/21/2023	5000	4.4		GTN - MALIN	FIXED	BUY
106262	3/20/2023	3/21/2023	3/21/2023	1600	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY
106264	3/20/2023	3/21/2023	3/21/2023	96	0	GD NW S. OF GREEN	NWP - ROCKY MOUNTAIN POOL	INDEX	BUY
106268	3/20/2023	3/21/2023	3/21/2023	5000	4.75		GTN - MALIN	FIXED	BUY
106271	3/20/2023	3/21/2023	3/21/2023	5000	2.6		GTN - KINGSGATE	FIXED	BUY
106274	3/20/2023	3/21/2023	3/21/2023	22300	2.88		ALBERTA - AECO/NIT	FIXED	BUY
106270	3/20/2023	3/21/2023	3/21/2023	5000	2.6		GTN - KINGSGATE	FIXED	BUY
106265	3/20/2023	3/21/2023	3/21/2023	5000	4.8		PAIUTE - RENO LATERAL	FIXED	BUY
106273	3/20/2023	3/21/2023	3/21/2023	1100	2.6		GTN - KINGSGATE	FIXED	BUY
106266	3/20/2023	3/21/2023	3/21/2023	5000	4.8		GTN - MALIN	FIXED	BUY
106261	3/20/2023	3/21/2023	3/21/2023	10000	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY
106263	3/20/2023	3/21/2023	3/21/2023	9028	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
106267	3/20/2023	3/21/2023	3/21/2023	5000	4.75		GTN - MALIN	FIXED	BUY
106272	3/20/2023	3/21/2023	3/21/2023	5000	2.6		GTN - KINGSGATE	FIXED	BUY
106305	3/21/2023	3/22/2023	3/22/2023	22300	2.575		ALBERTA - AECO/NIT	FIXED	BUY
106304	3/21/2023	3/22/2023	3/22/2023	16100	2.4		GTN - KINGSGATE	FIXED	BUY
106299	3/21/2023	3/22/2023	3/22/2023	5000	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY
106300	3/21/2023	3/22/2023	3/22/2023	500	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY
106302	3/21/2023	3/22/2023	3/22/2023	3600	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY
106303	3/21/2023	3/22/2023	3/22/2023	9028	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
106301	3/21/2023	3/22/2023	3/22/2023	1500	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY
106344	3/22/2023	3/22/2023	3/22/2023	5000	3.25		GTN - MALIN	FIXED	BUY
106343	3/22/2023	3/22/2023	3/22/2023	500	3		GTN - MALIN	FIXED	BUY
106340	3/22/2023	3/23/2023	3/23/2023	5000	3.45		GTN - MALIN	FIXED	BUY

106337	3/22/2023	3/23/2023	3/23/2023	5000	3.25		GTN - MALIN	FIXED	BUY
106342	3/22/2023	3/23/2023	3/23/2023	22300	2.7		ALBERTA - AECO/NIT	FIXED	BUY
106341	3/22/2023	3/23/2023	3/23/2023	16100	2.5		GTN - KINGSGATE	FIXED	BUY
106333	3/22/2023	3/23/2023	3/23/2023	3000	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY
106335	3/22/2023	3/23/2023	3/23/2023	9028	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
106336	3/22/2023	3/23/2023	3/23/2023	3000	3.55		PAIUTE - RENO LATERAL	FIXED	BUY
106338	3/22/2023	3/23/2023	3/23/2023	2500	3.25		GTN - MALIN	FIXED	BUY
106339	3/22/2023	3/23/2023	3/23/2023	5000	3.45		GTN - MALIN	FIXED	BUY
106334	3/22/2023	3/23/2023	3/23/2023	8600	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY
106358	3/23/2023	3/24/2023	3/24/2023	16100	2.45		GTN - KINGSGATE	FIXED	BUY
106356	3/23/2023	3/24/2023	3/24/2023	9028	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
106359	3/23/2023	3/24/2023	3/24/2023	22300	2.71		ALBERTA - AECO/NIT	FIXED	BUY
106357	3/23/2023	3/24/2023	3/24/2023	5000	2.8		PAIUTE - RENO LATERAL	FIXED	BUY
106355	3/23/2023	3/24/2023	3/24/2023	11600	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY
106382	3/24/2023	3/25/2023	3/26/2023	16100	2.9		GTN - KINGSGATE	FIXED	BUY
106386	3/24/2023	3/25/2023	3/27/2023	5000	3.8		GTN - MALIN	FIXED	SELL
106384	3/24/2023	3/25/2023	3/27/2023	5000	3.8		GTN - MALIN	FIXED	SELL
106385	3/24/2023	3/25/2023	3/27/2023	5000	3.8		GTN - MALIN	FIXED	SELL
106383	3/24/2023	3/25/2023	3/27/2023	22300	2.71		ALBERTA - AECO/NIT	FIXED	BUY
106380	3/24/2023	3/25/2023	3/27/2023	11600	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY
106381	3/24/2023	3/25/2023	3/27/2023	9028	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
106430	3/27/2023	3/27/2023	3/27/2023	6400	6		GTN - KINGSGATE	FIXED	BUY
106429	3/27/2023	3/27/2023	3/27/2023	5000	5.995		GTN - KINGSGATE	FIXED	BUY
106425	3/27/2023	3/28/2023	3/28/2023	5000	5.95		GTN - MALIN	FIXED	SELL
106427	3/27/2023	3/28/2023	3/28/2023	10000	5.93		GTN - MALIN	FIXED	SELL
106419	3/27/2023	3/28/2023	3/28/2023	22300	2.7		ALBERTA - AECO/NIT	FIXED	BUY
106414	3/27/2023	3/28/2023	3/28/2023	9028	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
106416	3/27/2023	3/28/2023	3/28/2023	1100	5.65		GTN - KINGSGATE	FIXED	BUY
106422	3/27/2023	3/28/2023	3/28/2023	2500	5.7		GTN - STANDFIELD	FIXED	SELL
106426	3/27/2023	3/28/2023	3/28/2023	5000	5.9		GTN - MALIN	FIXED	SELL
106424	3/27/2023	3/28/2023	3/28/2023	5000	5.71		GTN - MALIN	FIXED	SELL
106420	3/27/2023	3/28/2023	3/28/2023	10000	5.9		GTN - STANDFIELD	FIXED	SELL
106428	3/27/2023	3/28/2023	3/28/2023	10000	5.93		GTN - MALIN	FIXED	SELL
106415	3/27/2023	3/28/2023	3/28/2023	5000	5.65		GTN - KINGSGATE	FIXED	BUY
106423	3/27/2023	3/28/2023	3/28/2023	5000	5.67		GTN - MALIN	FIXED	SELL
106418	3/27/2023	3/28/2023	3/28/2023	5000	5.65		GTN - KINGSGATE	FIXED	BUY
106413	3/27/2023	3/28/2023	3/28/2023	11600	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY
106421	3/27/2023	3/28/2023	3/28/2023	7500	5.7075		GTN - STANDFIELD	FIXED	SELL
106417	3/27/2023	3/28/2023	3/28/2023	5000	5.65		GTN - KINGSGATE	FIXED	BUY
106484	3/28/2023	3/27/2023	3/27/2023	16000	2.7		ALBERTA - AECO/NIT	FIXED	SELL
106450	3/28/2023	3/29/2023	3/29/2023	9028	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
106458	3/28/2023	3/29/2023	3/29/2023	5000	5.8		GTN - MALIN	FIXED	SELL
106456	3/28/2023	3/29/2023	3/29/2023	5000	5.75		GTN - MALIN	FIXED	SELL
106452	3/28/2023	3/29/2023	3/29/2023	3700	5.6		GTN - MALIN	FIXED	SELL
106454	3/28/2023	3/29/2023	3/29/2023	3000	5.6		GTN - MALIN	FIXED	SELL
106459	3/28/2023	3/29/2023	3/29/2023	5000	5.8		GTN - MALIN	FIXED	SELL
106453	3/28/2023	3/29/2023	3/29/2023	8300	5.6		GTN - MALIN	FIXED	SELL
106455	3/28/2023	3/29/2023	3/29/2023	5000	5.8		GTN - MALIN	FIXED	SELL
106457	3/28/2023	3/29/2023	3/29/2023	5000	5.75		GTN - MALIN	FIXED	SELL
106449	3/28/2023	3/29/2023	3/29/2023	11600	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY
106451	3/28/2023	3/29/2023	3/29/2023	10000	5.55		PAIUTE - RENO LATERAL	FIXED	BUY
106498	3/29/2023	3/28/2023	3/28/2023	15500	2.55		ALBERTA - AECO/NIT	FIXED	SELL
106487	3/29/2023	3/30/2023	3/30/2023	10000	6.075		PAIUTE - RENO LATERAL	FIXED	BUY
106497	3/29/2023	3/30/2023	3/30/2023	100	6.05		GTN - MALIN	FIXED	SELL
106496	3/29/2023	3/30/2023	3/30/2023	5000	6.1		GTN - MALIN	FIXED	SELL
106488	3/29/2023	3/30/2023	3/30/2023	22300	2.6		ALBERTA - AECO/NIT	FIXED	BUY
106491	3/29/2023	3/30/2023	3/30/2023	5000	6.1		GTN - MALIN	FIXED	SELL
106490	3/29/2023	3/30/2023	3/30/2023	5000	6.08		GTN - MALIN	FIXED	SELL
106495	3/29/2023	3/30/2023	3/30/2023	5000	6.1		GTN - MALIN	FIXED	SELL
106489	3/29/2023	3/30/2023	3/30/2023	5000	6.08		GTN - MALIN	FIXED	SELL
106492	3/29/2023	3/30/2023	3/30/2023	3000	6.1		GTN - MALIN	FIXED	SELL
106494	3/29/2023	3/30/2023	3/30/2023	5000	6.1		GTN - MALIN	FIXED	SELL
106485	3/29/2023	3/30/2023	3/30/2023	11600	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY
106486	3/29/2023	3/30/2023	3/30/2023	9028	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
106493	3/29/2023	3/30/2023	3/30/2023	3400	6.05		GTN - MALIN	FIXED	SELL
106515	3/30/2023	3/29/2023	3/29/2023	3700	2.56		ALBERTA - AECO/NIT	FIXED	BUY
106511	3/30/2023	3/31/2023	3/31/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	SELL
106506	3/30/2023	3/31/2023	3/31/2023	9028	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
106507	3/30/2023	3/31/2023	3/31/2023	14000	2.595		ALBERTA - AECO/NIT	FIXED	BUY
106513	3/30/2023	3/31/2023	3/31/2023	5000	6		GTN - MALIN	FIXED	SELL
106505	3/30/2023	3/31/2023	3/31/2023	11600	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY
106508	3/30/2023	3/31/2023	3/31/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	SELL
106509	3/30/2023	3/31/2023	3/31/2023	15000	0	GD MALIN NOVA	GTN - MALIN	INDEX	SELL
106514	3/30/2023	3/31/2023	3/31/2023	3000	6		GTN - MALIN	FIXED	SELL
106512	3/30/2023	3/31/2023	3/31/2023	5000	6		GTN - MALIN	FIXED	SELL
106510	3/30/2023	3/31/2023	3/31/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	SELL
106550	3/31/2023	3/30/2023	3/30/2023	4500	2.38		ALBERTA - AECO/NIT	FIXED	SELL
106541	3/31/2023	4/1/2023	4/3/2023	5000	5.9		GTN - MALIN	FIXED	SELL
106530	3/31/2023	4/1/2023	4/3/2023	11528	0	GD SUMAS	NWP - SUMAS	INDEX	BUY

106548	3/31/2023	4/1/2023	4/3/2023	5000	5.9		GTN - MALIN	FIXED	SELL
106531	3/31/2023	4/1/2023	4/3/2023	5000	4		GTN - KINGSGATE	FIXED	BUY
106549	3/31/2023	4/1/2023	4/3/2023	5000	5.9		GTN - MALIN	FIXED	SELL
106536	3/31/2023	4/1/2023	4/3/2023	23500	2.535		ALBERTA - AECO/NIT	FIXED	BUY
106540	3/31/2023	4/1/2023	4/3/2023	5000	5.8		GTN - MALIN	FIXED	SELL
106542	3/31/2023	4/1/2023	4/3/2023	5000	5.9		GTN - MALIN	FIXED	SELL
106532	3/31/2023	4/1/2023	4/3/2023	5000	4		GTN - KINGSGATE	FIXED	BUY
106543	3/31/2023	4/1/2023	4/3/2023	5000	5.9		GTN - MALIN	FIXED	SELL
106533	3/31/2023	4/1/2023	4/3/2023	700	4		GTN - KINGSGATE	FIXED	BUY
106535	3/31/2023	4/1/2023	4/3/2023	20000	2.555		ALBERTA - AECO/NIT	FIXED	BUY
106537	3/31/2023	4/1/2023	4/3/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	SELL
106529	3/31/2023	4/1/2023	4/3/2023	10000	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY
106538	3/31/2023	4/1/2023	4/3/2023	10000	0	GD MALIN NOVA	GTN - MALIN	INDEX	SELL
106534	3/31/2023	4/1/2023	4/3/2023	5000	4		GTN - KINGSGATE	FIXED	BUY
106539	3/31/2023	4/1/2023	4/3/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	SELL
106545	3/31/2023	4/1/2023	4/3/2023	5000	5.9		GTN - MALIN	FIXED	SELL
106546	3/31/2023	4/1/2023	4/3/2023	5000	5.9		GTN - MALIN	FIXED	SELL
106544	3/31/2023	4/1/2023	4/3/2023	5000	5.9		GTN - MALIN	FIXED	SELL
106547	3/31/2023	4/1/2023	4/3/2023	10000	5.8		GTN - MALIN	FIXED	SELL
106567	4/3/2023	4/4/2023	4/4/2023	5700	2.5		GTN - KINGSGATE	FIXED	BUY
106568	4/3/2023	4/4/2023	4/4/2023	10000	2.75		GTN - KINGSGATE	FIXED	BUY
106577	4/3/2023	4/4/2023	4/4/2023	5000	6.5		GTN - MALIN	FIXED	SELL
106579	4/3/2023	4/4/2023	4/4/2023	3000	6.45		GTN - MALIN	FIXED	SELL
106576	4/3/2023	4/4/2023	4/4/2023	10000	6.45		GTN - MALIN	FIXED	SELL
106572	4/3/2023	4/4/2023	4/4/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	SELL
106566	4/3/2023	4/4/2023	4/4/2023	11528	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
106565	4/3/2023	4/4/2023	4/4/2023	3100	6.3		NWP - WY_POOL	FIXED	BUY
106569	4/3/2023	4/4/2023	4/4/2023	30000	2.62		ALBERTA - AECO/NIT	FIXED	BUY
106578	4/3/2023	4/4/2023	4/4/2023	10000	6.3		GTN - MALIN	FIXED	SELL
106575	4/3/2023	4/4/2023	4/4/2023	5800	6.45		GTN - MALIN	FIXED	SELL
106564	4/3/2023	4/4/2023	4/4/2023	10000	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY
106571	4/3/2023	4/4/2023	4/4/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	SELL
106573	4/3/2023	4/4/2023	4/4/2023	10000	0	GD MALIN NOVA	GTN - MALIN	INDEX	SELL
106570	4/3/2023	4/4/2023	4/4/2023	5000	6.5		GTN - STANDFIELD	FIXED	SELL
106574	4/3/2023	4/4/2023	4/4/2023	4200	6.45		GTN - MALIN	FIXED	SELL
106598	4/4/2023	4/5/2023	4/5/2023	1500	2.63		ALBERTA - AECO/NIT	FIXED	BUY
106588	4/4/2023	4/5/2023	4/5/2023	11528	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
106590	4/4/2023	4/5/2023	4/5/2023	10000	2.15		GTN - KINGSGATE	FIXED	BUY
106589	4/4/2023	4/5/2023	4/5/2023	5700	2.15		GTN - KINGSGATE	FIXED	BUY
106592	4/4/2023	4/5/2023	4/5/2023	6900	6.185		GTN - MALIN	FIXED	SELL
106593	4/4/2023	4/5/2023	4/5/2023	5000	6.2		GTN - MALIN	FIXED	SELL
106594	4/4/2023	4/5/2023	4/5/2023	5000	6.25		GTN - MALIN	FIXED	SELL
106597	4/4/2023	4/5/2023	4/5/2023	5000	6.18		GTN - MALIN	FIXED	SELL
106587	4/4/2023	4/5/2023	4/5/2023	10000	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY
106596	4/4/2023	4/5/2023	4/5/2023	5000	6.25		GTN - MALIN	FIXED	SELL
106591	4/4/2023	4/5/2023	4/5/2023	23500	2.51		ALBERTA - AECO/NIT	FIXED	BUY
106595	4/4/2023	4/5/2023	4/5/2023	8100	6.18		GTN - MALIN	FIXED	SELL
106626	4/5/2023	4/6/2023	4/6/2023	9000	2.67		ALBERTA - AECO/NIT	FIXED	SELL
106625	4/5/2023	4/6/2023	4/6/2023	5000	7.7		GTN - MALIN	FIXED	BUY
106615	4/5/2023	4/6/2023	4/6/2023	15700	2.29		GTN - KINGSGATE	FIXED	BUY
106619	4/5/2023	4/6/2023	4/6/2023	4400	6.25		GTN - MALIN	FIXED	SELL
106616	4/5/2023	4/6/2023	4/6/2023	30000	2.625		ALBERTA - AECO/NIT	FIXED	BUY
106613	4/5/2023	4/6/2023	4/6/2023	2000	6.1		NWP - WY_POOL	FIXED	BUY
106624	4/5/2023	4/6/2023	4/6/2023	600	6.25		GTN - MALIN	FIXED	SELL
106622	4/5/2023	4/6/2023	4/6/2023	5000	6.25		GTN - MALIN	FIXED	SELL
106623	4/5/2023	4/6/2023	4/6/2023	5000	6.25		GTN - MALIN	FIXED	SELL
106620	4/5/2023	4/6/2023	4/6/2023	5000	6.25		GTN - MALIN	FIXED	SELL
106621	4/5/2023	4/6/2023	4/6/2023	5000	6.25		GTN - MALIN	FIXED	SELL
106617	4/5/2023	4/6/2023	4/6/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	SELL
106618	4/5/2023	4/6/2023	4/6/2023	300	0	GD MALIN NOVA	GTN - MALIN	INDEX	SELL
106614	4/5/2023	4/6/2023	4/6/2023	11528	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
106639	4/6/2023	4/6/2023	4/6/2023	5458	7.05		GTN - MALIN	FIXED	BUY
106636	4/6/2023	4/6/2023	4/6/2023	12500	2.495		ALBERTA - AECO/NIT	FIXED	BUY
106633	4/6/2023	4/7/2023	4/10/2023	5000	4.4		GTN - MALIN	FIXED	SELL
106629	4/6/2023	4/7/2023	4/10/2023	43500	2.49		ALBERTA - AECO/NIT	FIXED	BUY
106632	4/6/2023	4/7/2023	4/10/2023	5000	4.5		GTN - MALIN	FIXED	SELL
106631	4/6/2023	4/7/2023	4/10/2023	9200	4.35		GTN - MALIN	FIXED	SELL
106634	4/6/2023	4/7/2023	4/10/2023	5000	4.4		GTN - MALIN	FIXED	SELL
106630	4/6/2023	4/7/2023	4/10/2023	5000	4.4		GTN - MALIN	FIXED	SELL
106635	4/6/2023	4/7/2023	4/10/2023	10000	4.35		GTN - MALIN	FIXED	SELL
106628	4/6/2023	4/7/2023	4/10/2023	15700	2.21		GTN - KINGSGATE	FIXED	BUY
106627	4/6/2023	4/7/2023	4/10/2023	11528	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
106657	4/10/2023	4/10/2023	4/10/2023	10000	4.4		GTN - MALIN	FIXED	SELL
106658	4/10/2023	4/10/2023	4/10/2023	10000	4.4		GTN - MALIN	FIXED	SELL
106654	4/10/2023	4/11/2023	4/11/2023	10000	4.7		GTN - MALIN	FIXED	SELL
106651	4/10/2023	4/11/2023	4/11/2023	5000	4.775		GTN - MALIN	FIXED	SELL
106653	4/10/2023	4/11/2023	4/11/2023	10000	4.7		GTN - MALIN	FIXED	SELL
106641	4/10/2023	4/11/2023	4/11/2023	5000	2.5		GTN - KINGSGATE	FIXED	BUY
106648	4/10/2023	4/11/2023	4/11/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	SELL

106644	4/10/2023	4/11/2023	4/11/2023	700	2.35		GTN - KINGSGATE	FIXED	BUY
106645	4/10/2023	4/11/2023	4/11/2023	32500	2.36		ALBERTA - AECO/NIT	FIXED	BUY
106642	4/10/2023	4/11/2023	4/11/2023	5000	2.5		GTN - KINGSGATE	FIXED	BUY
106656	4/10/2023	4/11/2023	4/11/2023	5000	4.8		GTN - MALIN	FIXED	SELL
106650	4/10/2023	4/11/2023	4/11/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	SELL
106643	4/10/2023	4/11/2023	4/11/2023	5000	2.5		GTN - KINGSGATE	FIXED	BUY
106646	4/10/2023	4/11/2023	4/11/2023	2500	4.75		GTN - STANDFIELD	FIXED	SELL
106647	4/10/2023	4/11/2023	4/11/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	SELL
106649	4/10/2023	4/11/2023	4/11/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	SELL
106652	4/10/2023	4/11/2023	4/11/2023	5000	4.76		GTN - MALIN	FIXED	SELL
106655	4/10/2023	4/11/2023	4/11/2023	10000	5.15		GTN - MALIN	FIXED	SELL
106677	4/11/2023	4/11/2023	4/11/2023	1800	4		NWP - SUMAS	FIXED	SELL
106673	4/11/2023	4/11/2023	4/11/2023	4500	4		NWP - WY_POOL	FIXED	SELL
106676	4/11/2023	4/11/2023	4/11/2023	1250	4		NWP - SUMAS	FIXED	SELL
106672	4/11/2023	4/11/2023	4/11/2023	5000	4		NWP - WY_POOL	FIXED	SELL
106675	4/11/2023	4/11/2023	4/11/2023	7300	2.45		ALBERTA - AECO/NIT	FIXED	SELL
106666	4/11/2023	4/12/2023	4/12/2023	5000	4.685		GTN - MALIN	FIXED	SELL
106671	4/11/2023	4/12/2023	4/12/2023	5000	4.55		GTN - MALIN	FIXED	SELL
106667	4/11/2023	4/12/2023	4/12/2023	10000	4.555		GTN - MALIN	FIXED	SELL
106669	4/11/2023	4/12/2023	4/12/2023	2500	4.65		GTN - MALIN	FIXED	SELL
106659	4/11/2023	4/12/2023	4/12/2023	5700	2		GTN - KINGSGATE	FIXED	BUY
106670	4/11/2023	4/12/2023	4/12/2023	2500	4.55		GTN - MALIN	FIXED	SELL
106665	4/11/2023	4/12/2023	4/12/2023	3100	4.72		GTN - MALIN	FIXED	SELL
106661	4/11/2023	4/12/2023	4/12/2023	33500	2.33		ALBERTA - AECO/NIT	FIXED	BUY
106660	4/11/2023	4/12/2023	4/12/2023	10000	2		GTN - KINGSGATE	FIXED	BUY
106668	4/11/2023	4/12/2023	4/12/2023	3100	4.535		GTN - MALIN	FIXED	SELL
106662	4/11/2023	4/12/2023	4/12/2023	10000	2.315		ALBERTA - AECO/NIT	FIXED	BUY
106664	4/11/2023	4/12/2023	4/12/2023	3900	4.7		GTN - STANDFIELD	FIXED	SELL
106663	4/11/2023	4/12/2023	4/12/2023	5000	4.4		NWP - WY_POOL	FIXED	SELL
106706	4/12/2023	4/11/2023	4/11/2023	10000	2.43		ALBERTA - AECO/NIT	FIXED	BUY
106707	4/12/2023	4/11/2023	4/11/2023	9000	2.47		ALBERTA - AECO/NIT	FIXED	BUY
106696	4/12/2023	4/13/2023	4/13/2023	10000	2		GTN - KINGSGATE	FIXED	BUY
106699	4/12/2023	4/13/2023	4/13/2023	3700	4.68		GTN - STANDFIELD	FIXED	SELL
106698	4/12/2023	4/13/2023	4/13/2023	43500	2.27		ALBERTA - AECO/NIT	FIXED	BUY
106705	4/12/2023	4/13/2023	4/13/2023	5000	4.85		GTN - MALIN	FIXED	SELL
106697	4/12/2023	4/13/2023	4/13/2023	5700	2		GTN - KINGSGATE	FIXED	BUY
106700	4/12/2023	4/13/2023	4/13/2023	10000	4.8		GTN - STANDFIELD	FIXED	SELL
106701	4/12/2023	4/13/2023	4/13/2023	2500	4.81		GTN - STANDFIELD	FIXED	SELL
106702	4/12/2023	4/13/2023	4/13/2023	5000	4.8		GTN - MALIN	FIXED	SELL
106704	4/12/2023	4/13/2023	4/13/2023	5000	4.785		GTN - MALIN	FIXED	SELL
106703	4/12/2023	4/13/2023	4/13/2023	5000	4.8		GTN - MALIN	FIXED	SELL
106733	4/13/2023	4/14/2023	4/14/2023	4000	1.9		GTN - KINGSGATE	FIXED	BUY
106736	4/13/2023	4/14/2023	4/14/2023	31500	2.13		ALBERTA - AECO/NIT	FIXED	BUY
106741	4/13/2023	4/14/2023	4/14/2023	5000	3.95		GTN - MALIN	FIXED	SELL
106739	4/13/2023	4/14/2023	4/14/2023	7500	3.88		GTN - MALIN	FIXED	SELL
106734	4/13/2023	4/14/2023	4/14/2023	10000	1.9		GTN - KINGSGATE	FIXED	BUY
106742	4/13/2023	4/14/2023	4/14/2023	5400	3.9		GTN - MALIN	FIXED	SELL
106743	4/13/2023	4/14/2023	4/14/2023	5000	3.85		GTN - MALIN	FIXED	SELL
106735	4/13/2023	4/14/2023	4/14/2023	1700	1.9		GTN - KINGSGATE	FIXED	BUY
106738	4/13/2023	4/14/2023	4/14/2023	5000	3.875		GTN - STANDFIELD	FIXED	SELL
106740	4/13/2023	4/14/2023	4/14/2023	5000	3.88		GTN - MALIN	FIXED	SELL
106737	4/13/2023	4/14/2023	4/14/2023	5000	3.83		GTN - STANDFIELD	FIXED	SELL
106766	4/14/2023	4/13/2023	4/13/2023	12400	2.2		ALBERTA - AECO/NIT	FIXED	SELL
106767	4/14/2023	4/14/2023	4/14/2023	1000	2.12		ALBERTA - AECO/NIT	FIXED	BUY
106752	4/14/2023	4/15/2023	4/17/2023	10000	1.75		GTN - KINGSGATE	FIXED	BUY
106765	4/14/2023	4/15/2023	4/17/2023	2000	3.1		GTN - MALIN	FIXED	SELL
106755	4/14/2023	4/15/2023	4/17/2023	10000	1.935		ALBERTA - AECO/NIT	FIXED	BUY
106763	4/14/2023	4/15/2023	4/17/2023	10000	3.135		GTN - MALIN	FIXED	SELL
106753	4/14/2023	4/15/2023	4/17/2023	700	1.75		GTN - KINGSGATE	FIXED	BUY
106762	4/14/2023	4/15/2023	4/17/2023	10000	3.1		GTN - MALIN	FIXED	SELL
106759	4/14/2023	4/15/2023	4/17/2023	2400	3.15		GTN - MALIN	FIXED	SELL
106761	4/14/2023	4/15/2023	4/17/2023	10000	3.15		GTN - MALIN	FIXED	SELL
106756	4/14/2023	4/15/2023	4/17/2023	5000	3.1		GTN - STANDFIELD	FIXED	SELL
106757	4/14/2023	4/15/2023	4/17/2023	5000	3.1		GTN - STANDFIELD	FIXED	SELL
106751	4/14/2023	4/15/2023	4/17/2023	5000	1.75		GTN - KINGSGATE	FIXED	BUY
106758	4/14/2023	4/15/2023	4/17/2023	5000	3.1		GTN - STANDFIELD	FIXED	SELL
106754	4/14/2023	4/15/2023	4/17/2023	33500	1.99		ALBERTA - AECO/NIT	FIXED	BUY
106764	4/14/2023	4/15/2023	4/17/2023	600	3.135		GTN - MALIN	FIXED	SELL
106760	4/14/2023	4/15/2023	4/17/2023	7600	3.15		GTN - MALIN	FIXED	SELL
106783	4/17/2023	4/18/2023	4/18/2023	10000	3.475		GTN - MALIN	FIXED	SELL
106787	4/17/2023	4/18/2023	4/18/2023	23850	2.435		ALBERTA - AECO/NIT	FIXED	BUY
106784	4/17/2023	4/18/2023	4/18/2023	5000	3.6		GTN - MALIN	FIXED	SELL
106778	4/17/2023	4/18/2023	4/18/2023	5000	3.46		GTN - MALIN	FIXED	SELL
106780	4/17/2023	4/18/2023	4/18/2023	10000	3.2		GTN - MALIN	FIXED	SELL
106781	4/17/2023	4/18/2023	4/18/2023	10000	3.115		GTN - MALIN	FIXED	SELL
106785	4/17/2023	4/18/2023	4/18/2023	10000	2.14		GTN - KINGSGATE	FIXED	BUY
106788	4/17/2023	4/18/2023	4/18/2023	20000	2.46		ALBERTA - AECO/NIT	FIXED	BUY
106789	4/17/2023	4/18/2023	4/18/2023	11528	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
106779	4/17/2023	4/18/2023	4/18/2023	10000	3.2		GTN - MALIN	FIXED	SELL

106786	4/17/2023	4/18/2023	4/18/2023	5700	2.14		GTN - KINGSGATE	FIXED	BUY
106782	4/17/2023	4/18/2023	4/18/2023	10000	3.115		GTN - MALIN	FIXED	SELL
106803	4/18/2023	4/19/2023	4/19/2023	5000	3.02		GTN - MALIN	FIXED	SELL
106806	4/18/2023	4/19/2023	4/19/2023	5000	0	GD KINGSGATE	GTN - KINGSGATE	INDEX	BUY
106810	4/18/2023	4/19/2023	4/19/2023	20000	2.47		ALBERTA - AECO/NIT	FIXED	BUY
106807	4/18/2023	4/19/2023	4/19/2023	700	0	GD KINGSGATE	GTN - KINGSGATE	INDEX	BUY
106804	4/18/2023	4/19/2023	4/19/2023	10000	3		GTN - STANDFIELD	FIXED	SELL
106808	4/18/2023	4/19/2023	4/19/2023	11528	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
106801	4/18/2023	4/19/2023	4/19/2023	5000	2.9		GTN - MALIN	FIXED	SELL
106809	4/18/2023	4/19/2023	4/19/2023	23800	2.47		ALBERTA - AECO/NIT	FIXED	BUY
106805	4/18/2023	4/19/2023	4/19/2023	10000	0	GD KINGSGATE	GTN - KINGSGATE	INDEX	BUY
106802	4/18/2023	4/19/2023	4/19/2023	5000	2.92		GTN - MALIN	FIXED	SELL
106833	4/19/2023	4/20/2023	4/20/2023	5000	3.85		GTN - MALIN	FIXED	SELL
106836	4/19/2023	4/20/2023	4/20/2023	5000	0	GD KINGSGATE	GTN - KINGSGATE	INDEX	BUY
106837	4/19/2023	4/20/2023	4/20/2023	700	0	GD KINGSGATE	GTN - KINGSGATE	INDEX	BUY
106831	4/19/2023	4/20/2023	4/20/2023	5000	3.81		GTN - MALIN	FIXED	SELL
106838	4/19/2023	4/20/2023	4/20/2023	33800	2.4		ALBERTA - AECO/NIT	FIXED	BUY
106835	4/19/2023	4/20/2023	4/20/2023	5000	0	GD KINGSGATE	GTN - KINGSGATE	INDEX	BUY
106839	4/19/2023	4/20/2023	4/20/2023	11528	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
106832	4/19/2023	4/20/2023	4/20/2023	10000	3.85		GTN - MALIN	FIXED	SELL
106840	4/19/2023	4/20/2023	4/20/2023	5000	0	GD KINGSGATE	GTN - KINGSGATE	INDEX	BUY
106866	4/20/2023	4/21/2023	4/21/2023	30000	2.415		ALBERTA - AECO/NIT	FIXED	BUY
106860	4/20/2023	4/21/2023	4/21/2023	5000	3.5		GTN - MALIN	FIXED	SELL
106864	4/20/2023	4/21/2023	4/21/2023	5000	3.5		GTN - MALIN	FIXED	SELL
106859	4/20/2023	4/21/2023	4/21/2023	5000	3.6		GTN - MALIN	FIXED	SELL
106861	4/20/2023	4/21/2023	4/21/2023	10000	3.5		GTN - MALIN	FIXED	SELL
106863	4/20/2023	4/21/2023	4/21/2023	5000	3.7		GTN - MALIN	FIXED	SELL
106862	4/20/2023	4/21/2023	4/21/2023	5000	3.7		GTN - MALIN	FIXED	SELL
106865	4/20/2023	4/21/2023	4/21/2023	5000	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
106867	4/20/2023	4/21/2023	4/21/2023	15700	2.15		GTN - KINGSGATE	FIXED	BUY
106888	4/21/2023	4/20/2023	4/20/2023	1000	2.44		ALBERTA - AECO/NIT	FIXED	SELL
106879	4/21/2023	4/22/2023	4/24/2023	5000	3.1		GTN - MALIN	FIXED	SELL
106886	4/21/2023	4/22/2023	4/24/2023	15700	2.2		GTN - KINGSGATE	FIXED	BUY
106882	4/21/2023	4/22/2023	4/24/2023	10000	3		GTN - STANDFIELD	FIXED	SELL
106881	4/21/2023	4/22/2023	4/24/2023	5000	3.1		GTN - MALIN	FIXED	SELL
106880	4/21/2023	4/22/2023	4/24/2023	5000	3.1		GTN - MALIN	FIXED	SELL
106887	4/21/2023	4/22/2023	4/24/2023	10000	2.48		ALBERTA - AECO/NIT	FIXED	BUY
106878	4/21/2023	4/22/2023	4/24/2023	5000	3.1		GTN - MALIN	FIXED	SELL
106877	4/21/2023	4/22/2023	4/24/2023	5000	3.1		GTN - MALIN	FIXED	SELL
106884	4/21/2023	4/22/2023	4/24/2023	5000	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
106885	4/21/2023	4/22/2023	4/24/2023	33500	2.5		ALBERTA - AECO/NIT	FIXED	BUY
106883	4/21/2023	4/22/2023	4/24/2023	5000	3.04		GTN - STANDFIELD	FIXED	SELL
106889	4/22/2023	4/21/2023	4/21/2023	11000	2.36		ALBERTA - AECO/NIT	FIXED	BUY
106917	4/24/2023	4/25/2023	4/25/2023	3500	3		GTN - MALIN	FIXED	SELL
106908	4/24/2023	4/25/2023	4/25/2023	5000	3.02		GTN - MALIN	FIXED	SELL
106918	4/24/2023	4/25/2023	4/25/2023	43500	2.43		ALBERTA - AECO/NIT	FIXED	BUY
106904	4/24/2023	4/25/2023	4/25/2023	1500	3		GTN - MALIN	FIXED	SELL
106912	4/24/2023	4/25/2023	4/25/2023	200	3		GTN - MALIN	FIXED	SELL
106906	4/24/2023	4/25/2023	4/25/2023	5000	3		GTN - MALIN	FIXED	SELL
106903	4/24/2023	4/25/2023	4/25/2023	5000	3		GTN - MALIN	FIXED	SELL
106916	4/24/2023	4/25/2023	4/25/2023	3000	3.03		GTN - MALIN	FIXED	SELL
106905	4/24/2023	4/25/2023	4/25/2023	5000	3		GTN - MALIN	FIXED	SELL
106913	4/24/2023	4/25/2023	4/25/2023	10000	3		GTN - MALIN	FIXED	SELL
106919	4/24/2023	4/25/2023	4/25/2023	15700	2.2		GTN - KINGSGATE	FIXED	BUY
106911	4/24/2023	4/25/2023	4/25/2023	5000	3		GTN - MALIN	FIXED	SELL
106902	4/24/2023	4/25/2023	4/25/2023	4800	3		GTN - MALIN	FIXED	SELL
106909	4/24/2023	4/25/2023	4/25/2023	4600	3.05		GTN - MALIN	FIXED	SELL
106914	4/24/2023	4/25/2023	4/25/2023	5000	3.035		GTN - MALIN	FIXED	SELL
106910	4/24/2023	4/25/2023	4/25/2023	2400	3.04		GTN - MALIN	FIXED	SELL
106907	4/24/2023	4/25/2023	4/25/2023	5000	3		GTN - MALIN	FIXED	SELL
106915	4/24/2023	4/25/2023	4/25/2023	5000	3.035		GTN - MALIN	FIXED	SELL
106964	4/25/2023	4/26/2023	4/26/2023	5000	2.8		GTN - MALIN	FIXED	SELL
106968	4/25/2023	4/26/2023	4/26/2023	4200	2.8		GTN - MALIN	FIXED	SELL
106960	4/25/2023	4/26/2023	4/26/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	SELL
106954	4/25/2023	4/26/2023	4/26/2023	43000	2.64		ALBERTA - AECO/NIT	FIXED	BUY
106966	4/25/2023	4/26/2023	4/26/2023	10000	2.8		GTN - MALIN	FIXED	SELL
106970	4/25/2023	4/26/2023	4/26/2023	3500	2.85		GTN - MALIN	FIXED	SELL
106955	4/25/2023	4/26/2023	4/26/2023	2000	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	SELL
106967	4/25/2023	4/26/2023	4/26/2023	5100	3		GTN - MALIN	FIXED	SELL
106959	4/25/2023	4/26/2023	4/26/2023	4300	0	GD MALIN NOVA	GTN - MALIN	INDEX	SELL
106961	4/25/2023	4/26/2023	4/26/2023	5000	2.85		GTN - MALIN	FIXED	SELL
106965	4/25/2023	4/26/2023	4/26/2023	5000	2.8		GTN - MALIN	FIXED	SELL
106953	4/25/2023	4/26/2023	4/26/2023	15700	2.1		GTN - KINGSGATE	FIXED	BUY
106969	4/25/2023	4/26/2023	4/26/2023	5000	2.83		GTN - MALIN	FIXED	SELL
106958	4/25/2023	4/26/2023	4/26/2023	2500	2.85		GTN - STANDFIELD	FIXED	SELL
106962	4/25/2023	4/26/2023	4/26/2023	1500	2.8		GTN - MALIN	FIXED	SELL
106963	4/25/2023	4/26/2023	4/26/2023	5000	2.8		GTN - MALIN	FIXED	SELL
106956	4/25/2023	4/26/2023	4/26/2023	3000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
106957	4/25/2023	4/26/2023	4/26/2023	10000	2.9		GTN - STANDFIELD	FIXED	SELL

107031	4/26/2023	4/26/2023	4/26/2023	1500	2.9		GTN - MALIN	FIXED	BUY
107032	4/26/2023	4/26/2023	4/26/2023	900	2.7		GTN - MALIN	FIXED	BUY
107027	4/26/2023	4/27/2023	4/27/2023	7500	2.83		GTN - MALIN	FIXED	SELL
107028	4/26/2023	4/27/2023	4/27/2023	7500	2.815		GTN - MALIN	FIXED	SELL
107020	4/26/2023	4/27/2023	4/27/2023	10000	2.7		GTN - STANDFIELD	FIXED	SELL
107018	4/26/2023	4/27/2023	4/27/2023	1500	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	SELL
107021	4/26/2023	4/27/2023	4/27/2023	3500	2.75		GTN - MALIN	FIXED	SELL
107024	4/26/2023	4/27/2023	4/27/2023	2500	2.815		GTN - MALIN	FIXED	SELL
107023	4/26/2023	4/27/2023	4/27/2023	2500	2.75		GTN - MALIN	FIXED	SELL
107022	4/26/2023	4/27/2023	4/27/2023	2500	2.75		GTN - MALIN	FIXED	SELL
107025	4/26/2023	4/27/2023	4/27/2023	5000	2.85		GTN - MALIN	FIXED	SELL
107017	4/26/2023	4/27/2023	4/27/2023	10000	2.35		ALBERTA - AECO/NIT	FIXED	BUY
107019	4/26/2023	4/27/2023	4/27/2023	3000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
107026	4/26/2023	4/27/2023	4/27/2023	5000	2.85		GTN - MALIN	FIXED	SELL
107015	4/26/2023	4/27/2023	4/27/2023	15700	2		GTN - KINGSGATE	FIXED	BUY
107029	4/26/2023	4/27/2023	4/27/2023	5000	2.8		GTN - MALIN	FIXED	SELL
107016	4/26/2023	4/27/2023	4/27/2023	25000	2.38		ALBERTA - AECO/NIT	FIXED	BUY
107074	4/27/2023	4/27/2023	4/27/2023	700	3.15		GTN - MALIN	FIXED	SELL
107044	4/27/2023	4/28/2023	4/30/2023	5000	2.1		GTN - MALIN	FIXED	SELL
107033	4/27/2023	4/28/2023	4/30/2023	5700	1.95		GTN - KINGSGATE	FIXED	BUY
107035	4/27/2023	4/28/2023	4/30/2023	33500	2.3375		ALBERTA - AECO/NIT	FIXED	BUY
107045	4/27/2023	4/28/2023	4/30/2023	5200	2.185		GTN - MALIN	FIXED	SELL
107038	4/27/2023	4/28/2023	4/30/2023	3000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
107034	4/27/2023	4/28/2023	4/30/2023	10000	1.85		GTN - KINGSGATE	FIXED	BUY
107040	4/27/2023	4/28/2023	4/30/2023	10000	2.25		GTN - MALIN	FIXED	SELL
107036	4/27/2023	4/28/2023	4/30/2023	10000	2.33		ALBERTA - AECO/NIT	FIXED	BUY
107041	4/27/2023	4/28/2023	4/30/2023	5000	2.1		GTN - MALIN	FIXED	SELL
107046	4/27/2023	4/28/2023	4/30/2023	3500	2.185		GTN - MALIN	FIXED	SELL
107037	4/27/2023	4/28/2023	4/30/2023	5000	2.065		NWP - WY_POOL	FIXED	SELL
107039	4/27/2023	4/28/2023	4/30/2023	7500	2.1		GTN - MALIN	FIXED	SELL
107043	4/27/2023	4/28/2023	4/30/2023	10000	2.2		GTN - MALIN	FIXED	SELL
107042	4/27/2023	4/28/2023	4/30/2023	4500	2.175		GTN - MALIN	FIXED	SELL
107107	4/28/2023	4/28/2023	4/28/2023	1200	1.96		ALBERTA - AECO/NIT	FIXED	SELL
107105	4/28/2023	5/1/2023	5/1/2023	4300	2.15		ALBERTA - AECO/NIT	FIXED	BUY
107106	4/28/2023	5/1/2023	5/1/2023	6500	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
107108	4/29/2023	4/28/2023	4/28/2023	1100	2.02		ALBERTA - AECO/NIT	FIXED	SELL
107113	4/30/2023	4/29/2023	4/29/2023	3300	2.4		ALBERTA - AECO/NIT	FIXED	SELL
107148	5/1/2023	4/30/2023	4/30/2023	3600	2.17		ALBERTA - AECO/NIT	FIXED	SELL
107146	5/1/2023	5/2/2023	5/2/2023	5000	2		NWP - WY_POOL	FIXED	SELL
107143	5/1/2023	5/2/2023	5/2/2023	5000	2.08		GTN - MALIN	FIXED	BUY
107144	5/1/2023	5/2/2023	5/2/2023	3600	2		GTN - MALIN	FIXED	BUY
107147	5/1/2023	5/2/2023	5/2/2023	4300	2.2		ALBERTA - AECO/NIT	FIXED	BUY
107138	5/1/2023	5/2/2023	5/2/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
107141	5/1/2023	5/2/2023	5/2/2023	5000	2.07		GTN - MALIN	FIXED	BUY
107139	5/1/2023	5/2/2023	5/2/2023	10000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
107142	5/1/2023	5/2/2023	5/2/2023	5000	2.1		GTN - MALIN	FIXED	BUY
107140	5/1/2023	5/2/2023	5/2/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
107145	5/1/2023	5/2/2023	5/2/2023	10000	2.135		GTN - MALIN	FIXED	BUY
107176	5/2/2023	5/3/2023	5/3/2023	5000	2.01		GTN - MALIN	FIXED	BUY
107175	5/2/2023	5/3/2023	5/3/2023	2500	2.01		GTN - MALIN	FIXED	BUY
107172	5/2/2023	5/3/2023	5/3/2023	2500	2		GTN - MALIN	FIXED	BUY
107177	5/2/2023	5/3/2023	5/3/2023	4300	2.135		ALBERTA - AECO/NIT	FIXED	BUY
107174	5/2/2023	5/3/2023	5/3/2023	5000	1.99		GTN - MALIN	FIXED	BUY
107170	5/2/2023	5/3/2023	5/3/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
107173	5/2/2023	5/3/2023	5/3/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
107171	5/2/2023	5/3/2023	5/3/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
107197	5/3/2023	5/4/2023	5/4/2023	5000	1.62		GTN - MALIN	FIXED	BUY
107192	5/3/2023	5/4/2023	5/4/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
107196	5/3/2023	5/4/2023	5/4/2023	5000	1.5		GTN - MALIN	FIXED	BUY
107194	5/3/2023	5/4/2023	5/4/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
107199	5/3/2023	5/4/2023	5/4/2023	4300	1.87		ALBERTA - AECO/NIT	FIXED	BUY
107198	5/3/2023	5/4/2023	5/4/2023	7000	1.7		GTN - MALIN	FIXED	BUY
107193	5/3/2023	5/4/2023	5/4/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
107195	5/3/2023	5/4/2023	5/4/2023	3300	1.65		GTN - MALIN	FIXED	BUY
107216	5/4/2023	5/5/2023	5/5/2023	9900	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
107218	5/4/2023	5/5/2023	5/5/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
107219	5/4/2023	5/5/2023	5/5/2023	4000	1.85		ALBERTA - AECO/NIT	FIXED	BUY
107217	5/4/2023	5/5/2023	5/5/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
107248	5/5/2023	5/6/2023	5/8/2023	2500	1.56		GTN - MALIN	FIXED	BUY
107244	5/5/2023	5/6/2023	5/8/2023	2500	1.19		NWP - SUMAS	FIXED	BUY
107246	5/5/2023	5/6/2023	5/8/2023	10000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
107245	5/5/2023	5/6/2023	5/8/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
107247	5/5/2023	5/6/2023	5/8/2023	4000	1.56		GTN - MALIN	FIXED	BUY
107253	5/8/2023	5/9/2023	5/9/2023	1000	2.1		GTN - MALIN	FIXED	BUY
107250	5/8/2023	5/9/2023	5/9/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
107255	5/8/2023	5/9/2023	5/9/2023	2500	2.1		GTN - MALIN	FIXED	BUY
107252	5/8/2023	5/9/2023	5/9/2023	1500	2.1		GTN - MALIN	FIXED	BUY
107251	5/8/2023	5/9/2023	5/9/2023	5000	2.05		GTN - MALIN	FIXED	BUY
107254	5/8/2023	5/9/2023	5/9/2023	5000	2.15		GTN - MALIN	FIXED	BUY

107256	5/8/2023	5/9/2023	5/9/2023	4300	2.59		ALBERTA - AECO/NIT	FIXED	BUY
107249	5/8/2023	5/9/2023	5/9/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
107269	5/9/2023	5/10/2023	5/10/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
107272	5/9/2023	5/10/2023	5/10/2023	4300	2.26		ALBERTA - AECO/NIT	FIXED	BUY
107271	5/9/2023	5/10/2023	5/10/2023	5000	1.85		GTN - MALIN	FIXED	BUY
107270	5/9/2023	5/10/2023	5/10/2023	1000	1.9		GTN - MALIN	FIXED	BUY
107290	5/10/2023	5/11/2023	5/11/2023	2500	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
107291	5/10/2023	5/11/2023	5/11/2023	4300	2.02		ALBERTA - AECO/NIT	FIXED	BUY
107299	5/11/2023	5/12/2023	5/12/2023	2000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
107298	5/11/2023	5/12/2023	5/12/2023	2500	1.625		GTN - STANDFIELD	FIXED	BUY
107300	5/11/2023	5/12/2023	5/12/2023	2300	1.685		GTN - MALIN	FIXED	BUY
107301	5/11/2023	5/12/2023	5/12/2023	1400	1.6		GTN - KINGSGATE	FIXED	BUY
107312	5/12/2023	5/13/2023	5/15/2023	6000	1.54		NWP - WY_POOL	FIXED	SELL
107314	5/12/2023	5/13/2023	5/15/2023	4100	2		ALBERTA - AECO/NIT	FIXED	BUY
107313	5/12/2023	5/13/2023	5/15/2023	5500	1.545		NWP - WY_POOL	FIXED	SELL
107342	5/15/2023	5/15/2023	5/15/2023	5000	2.5		GTN - MALIN	FIXED	SELL
107343	5/15/2023	5/15/2023	5/15/2023	5000	2.5		GTN - MALIN	FIXED	SELL
107339	5/15/2023	5/16/2023	5/16/2023	11500	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	SELL
107340	5/15/2023	5/16/2023	5/16/2023	5000	2.11		GTN - MALIN	FIXED	SELL
107341	5/15/2023	5/16/2023	5/16/2023	5000	2.14		GTN - MALIN	FIXED	SELL
107338	5/15/2023	5/16/2023	5/16/2023	4000	2		GTN - KINGSGATE	FIXED	BUY
107370	5/16/2023	5/17/2023	5/17/2023	4300	2.98		ALBERTA - AECO/NIT	FIXED	BUY
107372	5/16/2023	5/17/2023	5/17/2023	3500	2.3		NWP - WY_POOL	FIXED	SELL
107367	5/16/2023	5/17/2023	5/17/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
107368	5/16/2023	5/17/2023	5/17/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
107371	5/16/2023	5/17/2023	5/17/2023	1500	2.3		NWP - WY_POOL	FIXED	SELL
107373	5/16/2023	5/17/2023	5/17/2023	6000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
107369	5/16/2023	5/17/2023	5/17/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
107393	5/17/2023	5/18/2023	5/18/2023	4000	2		GTN - KINGSGATE	FIXED	BUY
107395	5/17/2023	5/18/2023	5/18/2023	2500	2.11		NWP - WY_POOL	FIXED	SELL
107394	5/17/2023	5/18/2023	5/18/2023	3200	1.95		NWP - WY_POOL	FIXED	SELL
107398	5/17/2023	5/18/2023	5/18/2023	300	1.95		NWP - WY_POOL	FIXED	SELL
107397	5/17/2023	5/18/2023	5/18/2023	4400	1.97		NWP - WY_POOL	FIXED	SELL
107399	5/17/2023	5/18/2023	5/18/2023	2100	2.1		NWP - WY_POOL	FIXED	SELL
107396	5/17/2023	5/18/2023	5/18/2023	2500	1.97		NWP - WY_POOL	FIXED	SELL
107410	5/18/2023	5/19/2023	5/19/2023	4000	1.88		GTN - KINGSGATE	FIXED	BUY
107411	5/18/2023	5/19/2023	5/19/2023	7500	1.86		NWP - WY_POOL	FIXED	SELL
107422	5/19/2023	5/20/2023	5/22/2023	7100	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
107425	5/19/2023	5/20/2023	5/22/2023	4200	1.97		NWP - WY_POOL	FIXED	SELL
107424	5/19/2023	5/20/2023	5/22/2023	5300	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	SELL
107423	5/19/2023	5/20/2023	5/22/2023	4000	2		GTN - KINGSGATE	FIXED	BUY
107426	5/19/2023	5/20/2023	5/22/2023	2000	1.97		NWP - WY_POOL	FIXED	SELL
107421	5/19/2023	5/20/2023	5/22/2023	10000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
107461	5/22/2023	5/23/2023	5/23/2023	2500	1.94		NWP - ROCKY MOUNTAIN POOL	FIXED	SELL
107456	5/22/2023	5/23/2023	5/23/2023	5000	2		GTN - MALIN	FIXED	BUY
107455	5/22/2023	5/23/2023	5/23/2023	10000	2		GTN - MALIN	FIXED	BUY
107460	5/22/2023	5/23/2023	5/23/2023	3000	1.925		NWP - ROCKY MOUNTAIN POOL	FIXED	SELL
107457	5/22/2023	5/23/2023	5/23/2023	4300	2.375		ALBERTA - AECO/NIT	FIXED	BUY
107458	5/22/2023	5/23/2023	5/23/2023	3000	1.925		NWP - WY_POOL	FIXED	SELL
107459	5/22/2023	5/23/2023	5/23/2023	10000	1.965		NWP - WY_POOL	FIXED	SELL
107481	5/23/2023	5/24/2023	5/24/2023	10000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
107483	5/23/2023	5/24/2023	5/24/2023	1500	2		GTN - MALIN	FIXED	BUY
107486	5/23/2023	5/24/2023	5/24/2023	4300	2.23		ALBERTA - AECO/NIT	FIXED	BUY
107484	5/23/2023	5/24/2023	5/24/2023	3500	2		GTN - MALIN	FIXED	BUY
107491	5/23/2023	5/24/2023	5/24/2023	10000	1.77		GTN - KINGSGATE	FIXED	SELL
107489	5/23/2023	5/24/2023	5/24/2023	10000	1.83		NWP - WY_POOL	FIXED	SELL
107490	5/23/2023	5/24/2023	5/24/2023	3500	1.9		NWP - ROCKY MOUNTAIN POOL	FIXED	SELL
107488	5/23/2023	5/24/2023	5/24/2023	5000	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	SELL
107482	5/23/2023	5/24/2023	5/24/2023	10000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
107485	5/23/2023	5/24/2023	5/24/2023	5000	1.9		GTN - MALIN	FIXED	BUY
107487	5/23/2023	5/24/2023	5/24/2023	10000	2.18		ALBERTA - AECO/NIT	FIXED	BUY
107512	5/24/2023	5/25/2023	5/25/2023	3500	1.88		NWP - ROCKY MOUNTAIN POOL	FIXED	SELL
107511	5/24/2023	5/25/2023	5/25/2023	1000	1.9		NWP - WY_POOL	FIXED	SELL
107505	5/24/2023	5/25/2023	5/25/2023	10000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
107504	5/24/2023	5/25/2023	5/25/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
107510	5/24/2023	5/25/2023	5/25/2023	1900	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	SELL
107506	5/24/2023	5/25/2023	5/25/2023	5000	1.915		GTN - MALIN	FIXED	BUY
107509	5/24/2023	5/25/2023	5/25/2023	5000	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	SELL
107507	5/24/2023	5/25/2023	5/25/2023	5000	2		GTN - MALIN	FIXED	BUY
107503	5/24/2023	5/25/2023	5/25/2023	10000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
107508	5/24/2023	5/25/2023	5/25/2023	4300	2.205		ALBERTA - AECO/NIT	FIXED	BUY
107529	5/25/2023	5/26/2023	5/26/2023	10000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
107532	5/25/2023	5/26/2023	5/26/2023	5000	1.75		GTN - MALIN	FIXED	BUY
107533	5/25/2023	5/26/2023	5/26/2023	4300	2.045		ALBERTA - AECO/NIT	FIXED	BUY
107528	5/25/2023	5/26/2023	5/26/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
107531	5/25/2023	5/26/2023	5/26/2023	5000	1.725		GTN - MALIN	FIXED	BUY
107534	5/25/2023	5/26/2023	5/26/2023	7700	1.73		NWP - WY_POOL	FIXED	SELL
107530	5/25/2023	5/26/2023	5/26/2023	10000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
107535	5/25/2023	5/26/2023	5/26/2023	2100	1.675		NWP - ROCKY MOUNTAIN POOL	FIXED	SELL

107539	5/26/2023	5/27/2023	5/30/2023	7000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
107538	5/26/2023	5/27/2023	5/30/2023	8000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
107542	5/26/2023	5/27/2023	5/30/2023	4300	1.85		ALBERTA - AECO/NIT	FIXED	BUY
107541	5/26/2023	5/27/2023	5/30/2023	6500	1.55		NWP - WY_POOL	FIXED	SELL
107540	5/26/2023	5/27/2023	5/30/2023	5000	1.36		NWP - WY_POOL	FIXED	SELL
107555	5/30/2023	5/31/2023	5/31/2023	13500	1.73		NWP - WY_POOL	FIXED	SELL
107552	5/30/2023	5/31/2023	5/31/2023	8000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
107554	5/30/2023	5/31/2023	5/31/2023	1500	1.75		NWP - WY_POOL	FIXED	SELL
107553	5/30/2023	5/31/2023	5/31/2023	4300	1.94		ALBERTA - AECO/NIT	FIXED	BUY
107551	5/30/2023	5/31/2023	5/31/2023	9000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
107556	5/31/2023	6/1/2023	6/1/2023	5000	1.87		GTN - MALIN	FIXED	BUY
107560	5/31/2023	6/1/2023	6/1/2023	10000	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	SELL
107563	5/31/2023	6/1/2023	6/1/2023	5000	1.8		NWP - ROCKY MOUNTAIN POOL	FIXED	SELL
107561	5/31/2023	6/1/2023	6/1/2023	5000	1.88		NWP - WY_POOL	FIXED	SELL
107559	5/31/2023	6/1/2023	6/1/2023	3200	2.06		ALBERTA - AECO/NIT	FIXED	BUY
107557	5/31/2023	6/1/2023	6/1/2023	5000	1.915		GTN - MALIN	FIXED	BUY
107558	5/31/2023	6/1/2023	6/1/2023	5000	1.955		GTN - MALIN	FIXED	BUY
107562	5/31/2023	6/1/2023	6/1/2023	800	1.8		NWP - ROCKY MOUNTAIN POOL	FIXED	SELL
107579	6/1/2023	6/2/2023	6/2/2023	5000	1.55		NWP - WY_POOL	FIXED	SELL
107582	6/1/2023	6/2/2023	6/2/2023	5000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
107580	6/1/2023	6/2/2023	6/2/2023	2500	1.6		NWP - WY_POOL	FIXED	SELL
107584	6/1/2023	6/2/2023	6/2/2023	1600	0	GD NW S. OF GREEN	NWP - ROCKY MOUNTAIN POOL	INDEX	SELL
107578	6/1/2023	6/2/2023	6/2/2023	3200	1.92		ALBERTA - AECO/NIT	FIXED	BUY
107583	6/1/2023	6/2/2023	6/2/2023	3400	0	GD NW S. OF GREEN	NWP - ROCKY MOUNTAIN POOL	INDEX	SELL
107581	6/1/2023	6/2/2023	6/2/2023	5000	1.55		NWP - WY_POOL	FIXED	SELL
107613	6/2/2023	6/3/2023	6/5/2023	5000	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	SELL
107609	6/2/2023	6/3/2023	6/5/2023	5000	1.63		GTN - MALIN	FIXED	BUY
107610	6/2/2023	6/3/2023	6/5/2023	5000	1.55		GTN - MALIN	FIXED	BUY
107612	6/2/2023	6/3/2023	6/5/2023	3200	1.9		ALBERTA - AECO/NIT	FIXED	BUY
107614	6/2/2023	6/3/2023	6/5/2023	4700	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	SELL
107611	6/2/2023	6/3/2023	6/5/2023	300	1.63		GTN - MALIN	FIXED	BUY
107615	6/2/2023	6/3/2023	6/5/2023	10000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
107680	6/5/2023	6/6/2023	6/6/2023	5000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
107679	6/5/2023	6/6/2023	6/6/2023	10000	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	SELL
107676	6/5/2023	6/6/2023	6/6/2023	3200	2.225		ALBERTA - AECO/NIT	FIXED	BUY
107675	6/5/2023	6/6/2023	6/6/2023	10000	2.305		GTN - MALIN	FIXED	BUY
107723	6/6/2023	6/7/2023	6/7/2023	5000	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	SELL
107725	6/6/2023	6/7/2023	6/7/2023	3200	2.015		ALBERTA - AECO/NIT	FIXED	BUY
107724	6/6/2023	6/7/2023	6/7/2023	5000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
107729	6/7/2023	6/8/2023	6/8/2023	3200	2.095		ALBERTA - AECO/NIT	FIXED	BUY
107728	6/7/2023	6/8/2023	6/8/2023	5000	2.28		GTN - MALIN	FIXED	BUY
107726	6/7/2023	6/8/2023	6/8/2023	10000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
107730	6/7/2023	6/8/2023	6/8/2023	5000	2.18		NWP - WY_POOL	FIXED	SELL
107732	6/7/2023	6/8/2023	6/8/2023	5000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
107727	6/7/2023	6/8/2023	6/8/2023	10000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
107731	6/7/2023	6/8/2023	6/8/2023	5000	2.18		NWP - WY_POOL	FIXED	SELL
107801	6/8/2023	6/9/2023	6/9/2023	3200	2.24		ALBERTA - AECO/NIT	FIXED	BUY
107798	6/8/2023	6/9/2023	6/9/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
107802	6/8/2023	6/9/2023	6/9/2023	10000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
107799	6/8/2023	6/9/2023	6/9/2023	10000	2.13		GTN - MALIN	FIXED	BUY
107800	6/8/2023	6/9/2023	6/9/2023	4000	2.05		GTN - MALIN	FIXED	BUY
107839	6/9/2023	6/10/2023	6/12/2023	5000	1.74		GTN - KINGSGATE	FIXED	SELL
107837	6/9/2023	6/10/2023	6/12/2023	10000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
107836	6/9/2023	6/10/2023	6/12/2023	2500	1.75		NWP - WY_POOL	FIXED	SELL
107829	6/9/2023	6/10/2023	6/12/2023	10000	1.76		GTN - MALIN	FIXED	BUY
107835	6/9/2023	6/10/2023	6/12/2023	5000	1.75		NWP - WY_POOL	FIXED	SELL
107832	6/9/2023	6/10/2023	6/12/2023	300	1.825		GTN - MALIN	FIXED	BUY
107834	6/9/2023	6/10/2023	6/12/2023	5000	2.12		ALBERTA - AECO/NIT	FIXED	BUY
107830	6/9/2023	6/10/2023	6/12/2023	4700	1.825		GTN - MALIN	FIXED	BUY
107831	6/9/2023	6/10/2023	6/12/2023	5000	1.85		GTN - MALIN	FIXED	BUY
107833	6/9/2023	6/10/2023	6/12/2023	3200	2.085		ALBERTA - AECO/NIT	FIXED	BUY
107838	6/9/2023	6/10/2023	6/12/2023	500	0	GD NW S. OF GREEN	NWP - ROCKY MOUNTAIN POOL	INDEX	SELL
107882	6/12/2023	6/13/2023	6/13/2023	10000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
107878	6/12/2023	6/13/2023	6/13/2023	10000	2.235		GTN - MALIN	FIXED	BUY
107881	6/12/2023	6/13/2023	6/13/2023	11300	2.31		ALBERTA - AECO/NIT	FIXED	BUY
107883	6/12/2023	6/13/2023	6/13/2023	3000	2		GTN - KINGSGATE	FIXED	SELL
107880	6/12/2023	6/13/2023	6/13/2023	5000	2.17		GTN - MALIN	FIXED	BUY
107884	6/12/2023	6/13/2023	6/13/2023	5000	2		GTN - KINGSGATE	FIXED	SELL
107879	6/12/2023	6/13/2023	6/13/2023	10000	2.23		GTN - MALIN	FIXED	BUY
107905	6/13/2023	6/14/2023	6/14/2023	1500	0	GD NW S. OF GREEN	NWP - ROCKY MOUNTAIN POOL	INDEX	SELL
107906	6/13/2023	6/14/2023	6/14/2023	3500	2.47		ALBERTA - AECO/NIT	FIXED	BUY
107904	6/13/2023	6/14/2023	6/14/2023	7500	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	SELL
107907	6/13/2023	6/14/2023	6/14/2023	5000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
107911	6/14/2023	6/15/2023	6/15/2023	11000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
107909	6/14/2023	6/15/2023	6/15/2023	3200	2.34		ALBERTA - AECO/NIT	FIXED	BUY
107908	6/14/2023	6/15/2023	6/15/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
107910	6/14/2023	6/15/2023	6/15/2023	5000	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	SELL
107943	6/15/2023	6/16/2023	6/16/2023	7500	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	SELL
107946	6/15/2023	6/16/2023	6/16/2023	2100	1.975		GTN - MALIN	FIXED	SELL

107944	6/15/2023	6/16/2023	6/16/2023	10000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
107942	6/15/2023	6/16/2023	6/16/2023	3000	2.32		ALBERTA - AECO/NIT	FIXED	BUY
107947	6/15/2023	6/16/2023	6/16/2023	5000	1.99		GTN - MALIN	FIXED	SELL
107945	6/15/2023	6/16/2023	6/16/2023	1200	1.985		GTN - MALIN	FIXED	SELL
107949	6/16/2023	6/17/2023	6/20/2023	10000	1.96		NWP - WY_POOL	FIXED	SELL
107951	6/16/2023	6/17/2023	6/20/2023	11000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
107950	6/16/2023	6/17/2023	6/20/2023	2500	1.96		NWP - WY_POOL	FIXED	SELL
107948	6/16/2023	6/17/2023	6/20/2023	3000	2.32		ALBERTA - AECO/NIT	FIXED	BUY
107971	6/20/2023	6/21/2023	6/21/2023	11000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
107974	6/20/2023	6/21/2023	6/21/2023	5000	2.2		GTN - MALIN	FIXED	SELL
107970	6/20/2023	6/21/2023	6/21/2023	5000	2.17		NWP - WY_POOL	FIXED	SELL
107969	6/20/2023	6/21/2023	6/21/2023	3000	2.5		ALBERTA - AECO/NIT	FIXED	BUY
107972	6/20/2023	6/21/2023	6/21/2023	2500	2.18		NWP - ROCKY MOUNTAIN POOL	FIXED	SELL
107973	6/20/2023	6/21/2023	6/21/2023	5000	2.2		GTN - MALIN	FIXED	SELL
107999	6/21/2023	6/21/2023	6/21/2023	1012	2.25		GTN - MALIN	FIXED	SELL
108006	6/21/2023	6/22/2023	6/22/2023	3200	2.07		GTN - MALIN	FIXED	SELL
108004	6/21/2023	6/22/2023	6/22/2023	4500	2.085		GTN - MALIN	FIXED	SELL
108000	6/21/2023	6/22/2023	6/22/2023	3000	2.32		ALBERTA - AECO/NIT	FIXED	BUY
108005	6/21/2023	6/22/2023	6/22/2023	10000	2.08		GTN - MALIN	FIXED	SELL
108003	6/21/2023	6/22/2023	6/22/2023	500	2.085		GTN - MALIN	FIXED	SELL
108001	6/21/2023	6/22/2023	6/22/2023	7500	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	SELL
108002	6/21/2023	6/22/2023	6/22/2023	10000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
108047	6/22/2023	6/23/2023	6/23/2023	10000	2.15		NWP - WY_POOL	FIXED	SELL
108045	6/22/2023	6/23/2023	6/23/2023	5000	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	SELL
108044	6/22/2023	6/23/2023	6/23/2023	3000	2.525		ALBERTA - AECO/NIT	FIXED	BUY
108046	6/22/2023	6/23/2023	6/23/2023	1500	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	SELL
108049	6/22/2023	6/23/2023	6/23/2023	5000	2.28		GTN - MALIN	FIXED	SELL
108048	6/22/2023	6/23/2023	6/23/2023	11000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
108071	6/23/2023	6/22/2023	6/22/2023	5100	2.33		ALBERTA - AECO/NIT	FIXED	SELL
108069	6/23/2023	6/24/2023	6/26/2023	11000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
108070	6/23/2023	6/24/2023	6/26/2023	7000	2.05		NWP - ROCKY MOUNTAIN POOL	FIXED	SELL
108068	6/23/2023	6/24/2023	6/26/2023	7500	2.05		NWP - WY_POOL	FIXED	SELL
108067	6/23/2023	6/24/2023	6/26/2023	3000	2.415		ALBERTA - AECO/NIT	FIXED	BUY
108088	6/26/2023	6/27/2023	6/27/2023	5000	2.455		NWP - WY_POOL	FIXED	SELL
108089	6/26/2023	6/27/2023	6/27/2023	5000	2.455		NWP - WY_POOL	FIXED	SELL
108090	6/26/2023	6/27/2023	6/27/2023	5600	0	GD MALIN NOVA	GTN - MALIN	INDEX	SELL
108091	6/26/2023	6/27/2023	6/27/2023	11000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
108111	6/27/2023	6/27/2023	6/27/2023	3200	2.71		ALBERTA - AECO/NIT	FIXED	BUY
108106	6/27/2023	6/28/2023	6/28/2023	3200	2.61		ALBERTA - AECO/NIT	FIXED	BUY
108108	6/27/2023	6/28/2023	6/28/2023	5000	2.3		NWP - WY_POOL	FIXED	SELL
108109	6/27/2023	6/28/2023	6/28/2023	5000	2.3		NWP - WY_POOL	FIXED	SELL
108107	6/27/2023	6/28/2023	6/28/2023	5000	2.3		NWP - WY_POOL	FIXED	SELL
108110	6/27/2023	6/28/2023	6/28/2023	11000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
108128	6/28/2023	6/29/2023	6/29/2023	3200	2.575		ALBERTA - AECO/NIT	FIXED	BUY
108133	6/28/2023	6/29/2023	6/29/2023	5000	2.75		GTN - MALIN	FIXED	SELL
108132	6/28/2023	6/29/2023	6/29/2023	11000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
108130	6/28/2023	6/29/2023	6/29/2023	5000	2.68		NWP - WY_POOL	FIXED	SELL
108129	6/28/2023	6/29/2023	6/29/2023	5000	2.68		NWP - WY_POOL	FIXED	SELL
108131	6/28/2023	6/29/2023	6/29/2023	5000	2.68		NWP - WY_POOL	FIXED	SELL
108153	6/29/2023	6/30/2023	6/30/2023	5000	2.7		GTN - MALIN	FIXED	BUY
108155	6/29/2023	6/30/2023	6/30/2023	5000	2.6		NWP - WY_POOL	FIXED	SELL
108158	6/29/2023	6/30/2023	6/30/2023	5000	2.65		NWP - WY_POOL	FIXED	SELL
108157	6/29/2023	6/30/2023	6/30/2023	1500	2.64		NWP - WY_POOL	FIXED	SELL
108154	6/29/2023	6/30/2023	6/30/2023	5000	2.6		GTN - MALIN	FIXED	BUY
108160	6/29/2023	6/30/2023	6/30/2023	3200	2.49		ALBERTA - AECO/NIT	FIXED	BUY
108156	6/29/2023	6/30/2023	6/30/2023	5000	2.6		NWP - WY_POOL	FIXED	SELL
108159	6/29/2023	6/30/2023	6/30/2023	11000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
108167	6/30/2023	7/1/2023	7/5/2023	5000	2.3		NWP - WY_POOL	FIXED	SELL
108169	6/30/2023	7/1/2023	7/5/2023	5000	2.31		NWP - WY_POOL	FIXED	SELL
108170	6/30/2023	7/1/2023	7/5/2023	5000	2.3		NWP - WY_POOL	FIXED	SELL
108166	6/30/2023	7/1/2023	7/5/2023	5000	2.58		GTN - MALIN	FIXED	BUY
108172	6/30/2023	7/1/2023	7/5/2023	2800	2.35		ALBERTA - AECO/NIT	FIXED	BUY
108165	6/30/2023	7/1/2023	7/5/2023	5000	2.58		GTN - MALIN	FIXED	BUY
108171	6/30/2023	7/1/2023	7/5/2023	13000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
108168	6/30/2023	7/1/2023	7/5/2023	5000	2.3		NWP - WY_POOL	FIXED	SELL
108176	7/4/2023	7/4/2023	7/4/2023	5000	2.75		GTN - MALIN	FIXED	BUY
108183	7/5/2023	7/4/2023	7/4/2023	4300	2.79		ALBERTA - AECO/NIT	FIXED	SELL
108179	7/5/2023	7/6/2023	7/6/2023	5000	2.35		NWP - WY_POOL	FIXED	SELL
108178	7/5/2023	7/6/2023	7/6/2023	2500	2.38		NWP - WY_POOL	FIXED	SELL
108181	7/5/2023	7/6/2023	7/6/2023	2500	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
108180	7/5/2023	7/6/2023	7/6/2023	13000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
108177	7/5/2023	7/6/2023	7/6/2023	5000	2.55		NWP - WY_POOL	FIXED	SELL
108182	7/5/2023	7/6/2023	7/6/2023	9000	2.4		NWP - ROCKY MOUNTAIN POOL	FIXED	SELL
108231	7/6/2023	7/5/2023	7/5/2023	4000	2.61		ALBERTA - AECO/NIT	FIXED	SELL
108226	7/6/2023	7/7/2023	7/7/2023	5000	2.25		NWP - WY_POOL	FIXED	SELL
108230	7/6/2023	7/7/2023	7/7/2023	5000	2.15		GTN - KINGSGATE	FIXED	SELL
108228	7/6/2023	7/7/2023	7/7/2023	13000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
108229	7/6/2023	7/7/2023	7/7/2023	2500	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
108225	7/6/2023	7/7/2023	7/7/2023	5000	2.25		NWP - WY_POOL	FIXED	SELL

108227	7/6/2023	7/7/2023	7/7/2023	5000	2.2		NWP - WY_POOL	FIXED	SELL
108224	7/6/2023	7/7/2023	7/7/2023	5275	2.45		ALBERTA - AECO/NIT	FIXED	BUY
108239	7/7/2023	7/7/2023	7/7/2023	6400	2.39		ALBERTA - AECO/NIT	FIXED	SELL
108233	7/7/2023	7/8/2023	7/10/2023	5000	1.915		GTN - MALIN	FIXED	BUY
108235	7/7/2023	7/8/2023	7/10/2023	4800	1.93		NWP - WY_POOL	FIXED	SELL
108234	7/7/2023	7/8/2023	7/10/2023	1000	1.92		NWP - WY_POOL	FIXED	SELL
108236	7/7/2023	7/8/2023	7/10/2023	13000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
108238	7/7/2023	7/8/2023	7/10/2023	5000	1.95		NWP - WY_POOL	FIXED	SELL
108237	7/7/2023	7/8/2023	7/10/2023	9000	1.87		NWP - ROCKY MOUNTAIN POOL	FIXED	SELL
108268	7/10/2023	7/11/2023	7/11/2023	3800	2.4		NWP - WY_POOL	FIXED	SELL
108272	7/10/2023	7/11/2023	7/11/2023	13000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
108266	7/10/2023	7/11/2023	7/11/2023	2850	2.5		ALBERTA - AECO/NIT	FIXED	BUY
108270	7/10/2023	7/11/2023	7/11/2023	5000	2.4		NWP - WY_POOL	FIXED	SELL
108267	7/10/2023	7/11/2023	7/11/2023	5000	2.4		NWP - WY_POOL	FIXED	SELL
108273	7/10/2023	7/11/2023	7/11/2023	2500	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
108271	7/10/2023	7/11/2023	7/11/2023	1200	2.4		NWP - WY_POOL	FIXED	SELL
108269	7/10/2023	7/11/2023	7/11/2023	5000	2.4		NWP - WY_POOL	FIXED	SELL
108287	7/11/2023	7/10/2023	7/10/2023	6200	2.39		ALBERTA - AECO/NIT	FIXED	SELL
108283	7/11/2023	7/12/2023	7/12/2023	5000	2.75		NWP - WY_POOL	FIXED	SELL
108286	7/11/2023	7/12/2023	7/12/2023	2500	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
108285	7/11/2023	7/12/2023	7/12/2023	13000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
108281	7/11/2023	7/12/2023	7/12/2023	5000	2.75		NWP - WY_POOL	FIXED	SELL
108282	7/11/2023	7/12/2023	7/12/2023	5000	2.73		NWP - WY_POOL	FIXED	SELL
108284	7/11/2023	7/12/2023	7/12/2023	5000	2.75		NWP - WY_POOL	FIXED	SELL
108309	7/12/2023	7/11/2023	7/11/2023	8200	2.2		ALBERTA - AECO/NIT	FIXED	SELL
108308	7/12/2023	7/12/2023	7/12/2023	11000	3.2		GTN - MALIN	FIXED	BUY
108305	7/12/2023	7/13/2023	7/13/2023	5000	2.79		NWP - WY_POOL	FIXED	SELL
108303	7/12/2023	7/13/2023	7/13/2023	5000	2.78		NWP - WY_POOL	FIXED	SELL
108302	7/12/2023	7/13/2023	7/13/2023	5000	2.78		NWP - WY_POOL	FIXED	SELL
108307	7/12/2023	7/13/2023	7/13/2023	2500	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
108306	7/12/2023	7/13/2023	7/13/2023	13000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
108304	7/12/2023	7/13/2023	7/13/2023	5000	2.78		NWP - WY_POOL	FIXED	SELL
108300	7/12/2023	7/13/2023	7/13/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
108301	7/12/2023	7/13/2023	7/13/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
108339	7/13/2023	7/12/2023	7/12/2023	5200	2.49		ALBERTA - AECO/NIT	FIXED	SELL
108332	7/13/2023	7/14/2023	7/14/2023	1500	3.03		NWP - WY_POOL	FIXED	SELL
108329	7/13/2023	7/14/2023	7/14/2023	10000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
108335	7/13/2023	7/14/2023	7/14/2023	5000	3		NWP - WY_POOL	FIXED	SELL
108336	7/13/2023	7/14/2023	7/14/2023	1500	3.03		NWP - WY_POOL	FIXED	SELL
108337	7/13/2023	7/14/2023	7/14/2023	13000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
108333	7/13/2023	7/14/2023	7/14/2023	3500	3.03		NWP - WY_POOL	FIXED	SELL
108328	7/13/2023	7/14/2023	7/14/2023	10000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
108338	7/13/2023	7/14/2023	7/14/2023	2500	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
108331	7/13/2023	7/14/2023	7/14/2023	5000	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	SELL
108330	7/13/2023	7/14/2023	7/14/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
108334	7/13/2023	7/14/2023	7/14/2023	3500	3.03		NWP - WY_POOL	FIXED	SELL
108378	7/14/2023	7/13/2023	7/13/2023	4400	2.35		ALBERTA - AECO/NIT	FIXED	SELL
108379	7/14/2023	7/14/2023	7/14/2023	5200	2.45		ALBERTA - AECO/NIT	FIXED	SELL
108372	7/14/2023	7/15/2023	7/17/2023	2500	3.66		GTN - MALIN	FIXED	BUY
108373	7/14/2023	7/15/2023	7/17/2023	5000	3.66		GTN - MALIN	FIXED	BUY
108374	7/14/2023	7/15/2023	7/17/2023	5000	3.5		NWP - WY_POOL	FIXED	SELL
108365	7/14/2023	7/15/2023	7/17/2023	5000	3.66		GTN - MALIN	FIXED	BUY
108369	7/14/2023	7/15/2023	7/17/2023	5000	3.44		GTN - MALIN	FIXED	BUY
108366	7/14/2023	7/15/2023	7/17/2023	2500	3.66		GTN - MALIN	FIXED	BUY
108376	7/14/2023	7/15/2023	7/17/2023	5000	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	SELL
108375	7/14/2023	7/15/2023	7/17/2023	5000	3.5		NWP - WY_POOL	FIXED	SELL
108377	7/14/2023	7/15/2023	7/17/2023	13000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
108367	7/14/2023	7/15/2023	7/17/2023	2500	3.66		GTN - MALIN	FIXED	BUY
108368	7/14/2023	7/15/2023	7/17/2023	5000	3.63		GTN - MALIN	FIXED	BUY
108370	7/14/2023	7/15/2023	7/17/2023	5000	3.66		GTN - MALIN	FIXED	BUY
108371	7/14/2023	7/15/2023	7/17/2023	2500	3.66		GTN - MALIN	FIXED	BUY
108381	7/15/2023	7/14/2023	7/14/2023	2200	2.55		ALBERTA - AECO/NIT	FIXED	BUY
108382	7/16/2023	7/15/2023	7/15/2023	3600	1.7		ALBERTA - AECO/NIT	FIXED	SELL
108419	7/17/2023	7/16/2023	7/16/2023	3700	2.235		ALBERTA - AECO/NIT	FIXED	SELL
108417	7/17/2023	7/17/2023	7/17/2023	2500	4.2		GTN - MALIN	FIXED	BUY
108418	7/17/2023	7/17/2023	7/17/2023	2500	4.2		GTN - MALIN	FIXED	BUY
108416	7/17/2023	7/18/2023	7/18/2023	500	3.88		NWP - WY_POOL	FIXED	SELL
108412	7/17/2023	7/18/2023	7/18/2023	10000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
108414	7/17/2023	7/18/2023	7/18/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
108415	7/17/2023	7/18/2023	7/18/2023	12000	3.88		NWP - WY_POOL	FIXED	SELL
108413	7/17/2023	7/18/2023	7/18/2023	10000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
108411	7/17/2023	7/18/2023	7/18/2023	8500	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
108445	7/18/2023	7/17/2023	7/17/2023	5000	2.47		ALBERTA - AECO/NIT	FIXED	SELL
108438	7/18/2023	7/19/2023	7/19/2023	5000	3.85		GTN - MALIN	FIXED	BUY
108440	7/18/2023	7/19/2023	7/19/2023	4000	3.85		GTN - MALIN	FIXED	BUY
108441	7/18/2023	7/19/2023	7/19/2023	5000	3.85		GTN - MALIN	FIXED	BUY
108436	7/18/2023	7/19/2023	7/19/2023	5000	3.85		GTN - MALIN	FIXED	BUY
108444	7/18/2023	7/19/2023	7/19/2023	8000	3.72		NWP - WY_POOL	FIXED	SELL
108439	7/18/2023	7/19/2023	7/19/2023	5100	3.85		GTN - MALIN	FIXED	BUY

108435	7/18/2023	7/19/2023	7/19/2023	5000	3.83		GTN - MALIN	FIXED	BUY
108437	7/18/2023	7/19/2023	7/19/2023	5000	3.85		GTN - MALIN	FIXED	BUY
108442	7/18/2023	7/19/2023	7/19/2023	5900	3.85		GTN - MALIN	FIXED	BUY
108443	7/18/2023	7/19/2023	7/19/2023	4500	3.8		NWP - WY_POOL	FIXED	SELL
108470	7/19/2023	7/18/2023	7/18/2023	4500	2.35		ALBERTA - AECO/NIT	FIXED	SELL
108465	7/19/2023	7/20/2023	7/20/2023	2400	3.94		GTN - MALIN	FIXED	BUY
108461	7/19/2023	7/20/2023	7/20/2023	5000	3.94		GTN - MALIN	FIXED	BUY
108458	7/19/2023	7/20/2023	7/20/2023	5000	3.94		GTN - MALIN	FIXED	BUY
108459	7/19/2023	7/20/2023	7/20/2023	2600	3.94		GTN - MALIN	FIXED	BUY
108467	7/19/2023	7/20/2023	7/20/2023	5000	3.72		NWP - WY_POOL	FIXED	SELL
108466	7/19/2023	7/20/2023	7/20/2023	5000	3.72		NWP - WY_POOL	FIXED	SELL
108468	7/19/2023	7/20/2023	7/20/2023	2500	3.72		NWP - WY_POOL	FIXED	SELL
108464	7/19/2023	7/20/2023	7/20/2023	2500	3.94		GTN - MALIN	FIXED	BUY
108462	7/19/2023	7/20/2023	7/20/2023	600	3.94		GTN - MALIN	FIXED	BUY
108463	7/19/2023	7/20/2023	7/20/2023	1900	3.94		GTN - MALIN	FIXED	BUY
108460	7/19/2023	7/20/2023	7/20/2023	10000	3.935		GTN - MALIN	FIXED	BUY
108469	7/19/2023	7/20/2023	7/20/2023	13000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
108498	7/20/2023	7/19/2023	7/19/2023	5100	2.38		ALBERTA - AECO/NIT	FIXED	SELL
108497	7/20/2023	7/20/2023	7/20/2023	10000	4.9		GTN - MALIN	FIXED	BUY
108490	7/20/2023	7/21/2023	7/21/2023	5000	4.95		GTN - MALIN	FIXED	BUY
108495	7/20/2023	7/21/2023	7/21/2023	10000	4.87		NWP - WY_POOL	FIXED	SELL
108492	7/20/2023	7/21/2023	7/21/2023	10000	5		GTN - MALIN	FIXED	BUY
108496	7/20/2023	7/21/2023	7/21/2023	13000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
108494	7/20/2023	7/21/2023	7/21/2023	2500	4.87		NWP - WY_POOL	FIXED	SELL
108493	7/20/2023	7/21/2023	7/21/2023	10000	5.03		GTN - MALIN	FIXED	BUY
108491	7/20/2023	7/21/2023	7/21/2023	5000	5.01		GTN - MALIN	FIXED	BUY
108527	7/21/2023	7/20/2023	7/20/2023	3000	2.3		ALBERTA - AECO/NIT	FIXED	SELL
108525	7/21/2023	7/22/2023	7/24/2023	2500	4.49		NWP - WY_POOL	FIXED	SELL
108520	7/21/2023	7/22/2023	7/24/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
108522	7/21/2023	7/22/2023	7/24/2023	5000	4.55		GTN - MALIN	FIXED	BUY
108521	7/21/2023	7/22/2023	7/24/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
108523	7/21/2023	7/22/2023	7/24/2023	5000	4.55		GTN - MALIN	FIXED	BUY
108526	7/21/2023	7/22/2023	7/24/2023	13000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
108524	7/21/2023	7/22/2023	7/24/2023	5000	4.49		NWP - WY_POOL	FIXED	SELL
108534	7/22/2023	7/21/2023	7/21/2023	3000	2.1		ALBERTA - AECO/NIT	FIXED	SELL
108536	7/23/2023	7/22/2023	7/22/2023	4000	3		ALBERTA - AECO/NIT	FIXED	SELL
108535	7/23/2023	7/23/2023	7/23/2023	5000	4.55		GTN - MALIN	FIXED	BUY
108563	7/24/2023	7/23/2023	7/23/2023	5000	2.85		ALBERTA - AECO/NIT	FIXED	SELL
108562	7/24/2023	7/25/2023	7/25/2023	11000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
108557	7/24/2023	7/25/2023	7/25/2023	5000	4.8		GTN - MALIN	FIXED	BUY
108554	7/24/2023	7/25/2023	7/25/2023	10000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
108558	7/24/2023	7/25/2023	7/25/2023	5000	4.65		GTN - MALIN	FIXED	BUY
108561	7/24/2023	7/25/2023	7/25/2023	5000	4.36		NWP - WY_POOL	FIXED	SELL
108560	7/24/2023	7/25/2023	7/25/2023	1500	4.33		NWP - WY_POOL	FIXED	SELL
108555	7/24/2023	7/25/2023	7/25/2023	5000	4.8		GTN - MALIN	FIXED	BUY
108552	7/24/2023	7/25/2023	7/25/2023	10000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
108553	7/24/2023	7/25/2023	7/25/2023	1900	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
108559	7/24/2023	7/25/2023	7/25/2023	5000	4.35		NWP - WY_POOL	FIXED	SELL
108556	7/24/2023	7/25/2023	7/25/2023	5000	4.8		GTN - MALIN	FIXED	BUY
108584	7/25/2023	7/26/2023	7/26/2023	10000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
108589	7/25/2023	7/26/2023	7/26/2023	2500	4.3		NWP - WY_POOL	FIXED	SELL
108587	7/25/2023	7/26/2023	7/26/2023	2800	4.3		NWP - WY_POOL	FIXED	SELL
108581	7/25/2023	7/26/2023	7/26/2023	5000	4.35		GTN - MALIN	FIXED	BUY
108586	7/25/2023	7/26/2023	7/26/2023	2500	4.3		NWP - WY_POOL	FIXED	SELL
108588	7/25/2023	7/26/2023	7/26/2023	3700	4.225		NWP - WY_POOL	FIXED	SELL
108591	7/25/2023	7/26/2023	7/26/2023	6000	2.12		ALBERTA - AECO/NIT	FIXED	SELL
108585	7/25/2023	7/26/2023	7/26/2023	8500	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
108590	7/25/2023	7/26/2023	7/26/2023	11000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
108582	7/25/2023	7/26/2023	7/26/2023	5000	4.45		GTN - MALIN	FIXED	BUY
108583	7/25/2023	7/26/2023	7/26/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
108599	7/26/2023	7/25/2023	7/25/2023	2550	2.62		ALBERTA - AECO/NIT	FIXED	BUY
108598	7/26/2023	7/26/2023	7/26/2023	2800	2.45		ALBERTA - AECO/NIT	FIXED	BUY
108596	7/26/2023	7/27/2023	7/27/2023	10000	3.6		NWP - WY_POOL	FIXED	SELL
108594	7/26/2023	7/27/2023	7/27/2023	2800	2.29		ALBERTA - AECO/NIT	FIXED	BUY
108597	7/26/2023	7/27/2023	7/27/2023	13000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
108595	7/26/2023	7/27/2023	7/27/2023	2500	3.6		NWP - WY_POOL	FIXED	SELL
108593	7/26/2023	7/27/2023	7/27/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
108592	7/26/2023	7/27/2023	7/27/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
108624	7/27/2023	7/27/2023	7/27/2023	5000	5		GTN - MALIN	FIXED	BUY
108623	7/27/2023	7/27/2023	7/27/2023	10000	5		GTN - MALIN	FIXED	BUY
108625	7/27/2023	7/27/2023	7/27/2023	5000	4.9		GTN - MALIN	FIXED	BUY
108996	7/27/2023	7/27/2023	7/27/2023	5000	4.85		GTN - MALIN	FIXED	BUY
108616	7/27/2023	7/28/2023	7/28/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
108620	7/27/2023	7/28/2023	7/28/2023	2500	4.54		NWP - WY_POOL	FIXED	SELL
108618	7/27/2023	7/28/2023	7/28/2023	5000	4.54		NWP - WY_POOL	FIXED	SELL
108614	7/27/2023	7/28/2023	7/28/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
108615	7/27/2023	7/28/2023	7/28/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
108617	7/27/2023	7/28/2023	7/28/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
108621	7/27/2023	7/28/2023	7/28/2023	13000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL

108622	7/27/2023	7/28/2023	7/28/2023	2870	2.28		ALBERTA - AECO/NIT	FIXED	BUY
108613	7/27/2023	7/28/2023	7/28/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
108619	7/27/2023	7/28/2023	7/28/2023	5000	4.54		NWP - WY_POOL	FIXED	SELL
108665	7/28/2023	7/29/2023	7/31/2023	10000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
108662	7/28/2023	7/29/2023	7/31/2023	11500	4.24		GTN - MALIN	FIXED	BUY
108661	7/28/2023	7/29/2023	7/31/2023	10000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
108664	7/28/2023	7/29/2023	7/31/2023	9500	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	SELL
108663	7/28/2023	7/29/2023	7/31/2023	2900	2.49		ALBERTA - AECO/NIT	FIXED	BUY
108660	7/28/2023	7/29/2023	7/31/2023	7000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
108659	7/28/2023	7/29/2023	7/31/2023	1500	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
108685	7/31/2023	8/1/2023	8/1/2023	3400	2.43		ALBERTA - AECO/NIT	FIXED	BUY
108686	7/31/2023	8/1/2023	8/1/2023	13000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
108688	7/31/2023	8/1/2023	8/1/2023	19000	3.88		NWP - WY_POOL	FIXED	SELL
108687	7/31/2023	8/1/2023	8/1/2023	5000	4.03		GTN - MALIN	FIXED	SELL
108714	8/1/2023	8/2/2023	8/2/2023	9000	3.85		NWP - WY_POOL	FIXED	SELL
108712	8/1/2023	8/2/2023	8/2/2023	3400	2.37		ALBERTA - AECO/NIT	FIXED	BUY
108715	8/1/2023	8/2/2023	8/2/2023	13000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
108713	8/1/2023	8/2/2023	8/2/2023	10000	3.85		NWP - WY_POOL	FIXED	SELL
108740	8/2/2023	8/3/2023	8/3/2023	3400	2.5		GTN - KINGSGATE	FIXED	SELL
108741	8/2/2023	8/3/2023	8/3/2023	2600	2.6		GTN - KINGSGATE	FIXED	SELL
108733	8/2/2023	8/3/2023	8/3/2023	6800	2.47		ALBERTA - AECO/NIT	FIXED	BUY
108739	8/2/2023	8/3/2023	8/3/2023	2500	2.5		GTN - KINGSGATE	FIXED	SELL
108737	8/2/2023	8/3/2023	8/3/2023	13000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
108734	8/2/2023	8/3/2023	8/3/2023	5100	2.45		ALBERTA - AECO/NIT	FIXED	BUY
108738	8/2/2023	8/3/2023	8/3/2023	5000	3.85		GTN - MALIN	FIXED	SELL
108736	8/2/2023	8/3/2023	8/3/2023	10000	3.73		NWP - WY_POOL	FIXED	SELL
108735	8/2/2023	8/3/2023	8/3/2023	10000	3.85		NWP - WY_POOL	FIXED	SELL
108764	8/3/2023	8/4/2023	8/4/2023	13000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
108762	8/3/2023	8/4/2023	8/4/2023	10000	3.74		NWP - WY_POOL	FIXED	SELL
108763	8/3/2023	8/4/2023	8/4/2023	5000	3.75		NWP - WY_POOL	FIXED	SELL
108761	8/3/2023	8/4/2023	8/4/2023	3400	2.44		ALBERTA - AECO/NIT	FIXED	BUY
108765	8/3/2023	8/4/2023	8/4/2023	5000	3.84		GTN - MALIN	FIXED	SELL
108782	8/4/2023	8/5/2023	8/7/2023	2000	4.5		GTN - MALIN	FIXED	BUY
108786	8/4/2023	8/5/2023	8/7/2023	10000	4		NWP - WY_POOL	FIXED	SELL
108785	8/4/2023	8/5/2023	8/7/2023	5000	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	SELL
108784	8/4/2023	8/5/2023	8/7/2023	3400	2.43		ALBERTA - AECO/NIT	FIXED	BUY
108783	8/4/2023	8/5/2023	8/7/2023	3000	4.5		GTN - MALIN	FIXED	BUY
108787	8/4/2023	8/5/2023	8/8/2023	13000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
108813	8/7/2023	8/8/2023	8/8/2023	5000	4.65		GTN - MALIN	FIXED	SELL
108811	8/7/2023	8/8/2023	8/8/2023	7500	4.4		NWP - WY_POOL	FIXED	SELL
108812	8/7/2023	8/8/2023	8/8/2023	10000	4.5		NWP - WY_POOL	FIXED	SELL
108815	8/7/2023	8/8/2023	8/8/2023	5000	4.65		GTN - MALIN	FIXED	SELL
108814	8/7/2023	8/8/2023	8/8/2023	5000	4.625		GTN - MALIN	FIXED	SELL
108816	8/7/2023	8/8/2023	8/8/2023	3000	4.7		GTN - MALIN	FIXED	SELL
108821	8/8/2023	8/9/2023	8/9/2023	13000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
108818	8/8/2023	8/9/2023	8/9/2023	5000	4.425		NWP - WY_POOL	FIXED	SELL
108820	8/8/2023	8/9/2023	8/9/2023	7500	4.425		NWP - WY_POOL	FIXED	SELL
108822	8/8/2023	8/9/2023	8/9/2023	1300	4.55		GTN - MALIN	FIXED	SELL
108823	8/8/2023	8/9/2023	8/9/2023	3500	4.44		GTN - MALIN	FIXED	SELL
108824	8/8/2023	8/9/2023	8/9/2023	4100	4.44		GTN - MALIN	FIXED	SELL
108817	8/8/2023	8/9/2023	8/9/2023	3400	2.67		ALBERTA - AECO/NIT	FIXED	BUY
108819	8/8/2023	8/9/2023	8/9/2023	1500	4.42		NWP - WY_POOL	FIXED	SELL
108870	8/9/2023	8/10/2023	8/10/2023	7000	4		NWP - WY_POOL	FIXED	SELL
108873	8/9/2023	8/10/2023	8/10/2023	5000	4.055		GTN - MALIN	FIXED	SELL
108877	8/9/2023	8/10/2023	8/10/2023	5000	3		GTN - KINGSGATE	FIXED	SELL
108876	8/9/2023	8/10/2023	8/10/2023	5000	3		GTN - KINGSGATE	FIXED	SELL
108871	8/9/2023	8/10/2023	8/10/2023	10000	3.975		NWP - WY_POOL	FIXED	SELL
108869	8/9/2023	8/10/2023	8/10/2023	3400	3.01		ALBERTA - AECO/NIT	FIXED	BUY
108872	8/9/2023	8/10/2023	8/10/2023	13000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
108868	8/9/2023	8/10/2023	8/10/2023	10604	3.01		ALBERTA - AECO/NIT	FIXED	BUY
108874	8/9/2023	8/10/2023	8/10/2023	5000	4.13		GTN - MALIN	FIXED	SELL
108875	8/9/2023	8/10/2023	8/10/2023	5000	4.075		GTN - MALIN	FIXED	SELL
108905	8/10/2023	8/9/2023	8/9/2023	5700	2.95		ALBERTA - AECO/NIT	FIXED	SELL
108896	8/10/2023	8/11/2023	8/11/2023	5000	4.13		NWP - WY_POOL	FIXED	SELL
108899	8/10/2023	8/11/2023	8/11/2023	13000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
108901	8/10/2023	8/11/2023	8/11/2023	4100	4.22		GTN - MALIN	FIXED	SELL
108902	8/10/2023	8/11/2023	8/11/2023	5000	4.22		GTN - MALIN	FIXED	SELL
108897	8/10/2023	8/11/2023	8/11/2023	5000	4.14		NWP - WY_POOL	FIXED	SELL
108904	8/10/2023	8/11/2023	8/11/2023	900	4.22		GTN - MALIN	FIXED	SELL
108898	8/10/2023	8/11/2023	8/11/2023	5000	4.13		NWP - WY_POOL	FIXED	SELL
108900	8/10/2023	8/11/2023	8/11/2023	5000	4.21		GTN - MALIN	FIXED	SELL
108903	8/10/2023	8/11/2023	8/11/2023	5000	4.21		GTN - MALIN	FIXED	SELL
108928	8/11/2023	8/10/2023	8/10/2023	2600	2.75		ALBERTA - AECO/NIT	FIXED	SELL
108927	8/11/2023	8/11/2023	8/11/2023	3100	2.895		ALBERTA - AECO/NIT	FIXED	BUY
108923	8/11/2023	8/12/2023	8/14/2023	5000	4.09		NWP - WY_POOL	FIXED	SELL
108924	8/11/2023	8/12/2023	8/14/2023	13000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
108925	8/11/2023	8/12/2023	8/14/2023	5000	4.18		GTN - MALIN	FIXED	SELL
108922	8/11/2023	8/12/2023	8/14/2023	12000	4.05		NWP - WY_POOL	FIXED	SELL
108921	8/11/2023	8/12/2023	8/14/2023	3100	2.94		ALBERTA - AECO/NIT	FIXED	BUY

108926	8/11/2023	8/12/2023	8/14/2023	5000	4.18		GTN - MALIN	FIXED	SELL
108936	8/13/2023	8/12/2023	8/12/2023	9900	2.6		ALBERTA - AECO/NIT	FIXED	SELL
108960	8/14/2023	8/13/2023	8/13/2023	10000	2.95		ALBERTA - AECO/NIT	FIXED	SELL
108959	8/14/2023	8/15/2023	8/15/2023	10000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
108954	8/14/2023	8/15/2023	8/15/2023	5000	4.94		GTN - MALIN	FIXED	BUY
108955	8/14/2023	8/15/2023	8/15/2023	2500	4.98		GTN - MALIN	FIXED	BUY
108958	8/14/2023	8/15/2023	8/15/2023	11500	4.85		NWP - WY_POOL	FIXED	SELL
108953	8/14/2023	8/15/2023	8/15/2023	5000	4.99		GTN - MALIN	FIXED	BUY
108956	8/14/2023	8/15/2023	8/15/2023	2500	4.99		GTN - MALIN	FIXED	BUY
108957	8/14/2023	8/15/2023	8/15/2023	3400	2.83		ALBERTA - AECO/NIT	FIXED	BUY
108987	8/15/2023	8/16/2023	8/16/2023	3400	2.725		ALBERTA - AECO/NIT	FIXED	BUY
108979	8/15/2023	8/16/2023	8/16/2023	5000	4.6		GTN - MALIN	FIXED	BUY
108990	8/15/2023	8/16/2023	8/16/2023	1000	4.2		NWP - WY_POOL	FIXED	SELL
108982	8/15/2023	8/16/2023	8/16/2023	3500	4.6		GTN - MALIN	FIXED	BUY
108984	8/15/2023	8/16/2023	8/16/2023	5000	4.6		GTN - MALIN	FIXED	BUY
108981	8/15/2023	8/16/2023	8/16/2023	5000	4.51		GTN - MALIN	FIXED	BUY
108989	8/15/2023	8/16/2023	8/16/2023	2500	4.15		NWP - WY_POOL	FIXED	SELL
108985	8/15/2023	8/16/2023	8/16/2023	5000	4.6		GTN - MALIN	FIXED	BUY
108988	8/15/2023	8/16/2023	8/16/2023	7000	4.2		NWP - WY_POOL	FIXED	SELL
108983	8/15/2023	8/16/2023	8/16/2023	1500	4.6		GTN - MALIN	FIXED	BUY
108991	8/15/2023	8/16/2023	8/16/2023	10000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
108986	8/15/2023	8/16/2023	8/16/2023	5000	4.51		GTN - MALIN	FIXED	BUY
108980	8/15/2023	8/16/2023	8/16/2023	5000	4.6		GTN - MALIN	FIXED	BUY
109008	8/16/2023	8/17/2023	8/17/2023	5000	3.7		GTN - MALIN	FIXED	BUY
109009	8/16/2023	8/17/2023	8/17/2023	3400	2.56		ALBERTA - AECO/NIT	FIXED	BUY
109007	8/16/2023	8/17/2023	8/17/2023	5000	3.7		GTN - MALIN	FIXED	BUY
109011	8/16/2023	8/17/2023	8/17/2023	10000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
109004	8/16/2023	8/17/2023	8/17/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
109006	8/16/2023	8/17/2023	8/17/2023	5000	3.75		GTN - MALIN	FIXED	BUY
109010	8/16/2023	8/17/2023	8/17/2023	11500	3.55		NWP - WY_POOL	FIXED	SELL
109005	8/16/2023	8/17/2023	8/17/2023	5000	3.75		GTN - MALIN	FIXED	BUY
109036	8/17/2023	8/18/2023	8/18/2023	5000	3.56		GTN - MALIN	FIXED	BUY
109041	8/17/2023	8/18/2023	8/18/2023	10000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
109035	8/17/2023	8/18/2023	8/18/2023	1500	3.55		GTN - MALIN	FIXED	BUY
109040	8/17/2023	8/18/2023	8/18/2023	10000	3.4		NWP - WY_POOL	FIXED	SELL
109037	8/17/2023	8/18/2023	8/18/2023	3500	3.52		GTN - MALIN	FIXED	BUY
109034	8/17/2023	8/18/2023	8/18/2023	5000	3.52		GTN - MALIN	FIXED	BUY
109039	8/17/2023	8/18/2023	8/18/2023	3400	2.6		ALBERTA - AECO/NIT	FIXED	BUY
109038	8/17/2023	8/18/2023	8/18/2023	5000	3.43		GTN - MALIN	FIXED	BUY
109033	8/17/2023	8/18/2023	8/18/2023	5000	3.55		GTN - MALIN	FIXED	BUY
109058	8/18/2023	8/19/2023	8/21/2023	3400	2.48		ALBERTA - AECO/NIT	FIXED	BUY
109055	8/18/2023	8/19/2023	8/21/2023	2500	3.17		NWP - WY_POOL	FIXED	SELL
109056	8/18/2023	8/19/2023	8/21/2023	4000	3.17		NWP - WY_POOL	FIXED	SELL
109057	8/18/2023	8/19/2023	8/21/2023	13000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
109052	8/18/2023	8/19/2023	8/21/2023	1400	3.17		NWP - WY_POOL	FIXED	SELL
109054	8/18/2023	8/19/2023	8/21/2023	5000	3.17		NWP - WY_POOL	FIXED	SELL
109053	8/18/2023	8/19/2023	8/21/2023	3600	3.17		NWP - WY_POOL	FIXED	SELL
109116	8/21/2023	8/21/2023	8/21/2023	3500	3.25		GTN - MALIN	FIXED	SELL
109117	8/21/2023	8/21/2023	8/21/2023	1400	3.3525		GTN - MALIN	FIXED	SELL
109118	8/21/2023	8/21/2023	8/21/2023	600	3.3		GTN - MALIN	FIXED	SELL
109115	8/21/2023	8/21/2023	8/21/2023	10000	3.1		GTN - MALIN	FIXED	SELL
109108	8/21/2023	8/22/2023	8/22/2023	5000	3.16		NWP - WY_POOL	FIXED	SELL
109113	8/21/2023	8/22/2023	8/22/2023	10000	2.805		GTN - MALIN	FIXED	SELL
109107	8/21/2023	8/22/2023	8/22/2023	10000	3		NWP - WY_POOL	FIXED	SELL
109110	8/21/2023	8/22/2023	8/22/2023	1000	2.91		GTN - MALIN	FIXED	SELL
109111	8/21/2023	8/22/2023	8/22/2023	1000	2.85		GTN - MALIN	FIXED	SELL
109112	8/21/2023	8/22/2023	8/22/2023	5000	2.8		GTN - MALIN	FIXED	SELL
109114	8/21/2023	8/22/2023	8/22/2023	4000	2.91		GTN - MALIN	FIXED	SELL
109106	8/21/2023	8/22/2023	8/22/2023	3400	2.64		ALBERTA - AECO/NIT	FIXED	BUY
109109	8/21/2023	8/22/2023	8/22/2023	13000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
109144	8/22/2023	8/23/2023	8/23/2023	3400	2.615		ALBERTA - AECO/NIT	FIXED	BUY
109152	8/22/2023	8/23/2023	8/23/2023	2500	2.33		GTN - MALIN	FIXED	SELL
109148	8/22/2023	8/23/2023	8/23/2023	5000	2.35		GTN - MALIN	FIXED	SELL
109154	8/22/2023	8/23/2023	8/23/2023	5000	2.33		GTN - MALIN	FIXED	SELL
109155	8/22/2023	8/23/2023	8/23/2023	5000	2.33		GTN - MALIN	FIXED	SELL
109146	8/22/2023	8/23/2023	8/23/2023	9000	2.35		NWP - WY_POOL	FIXED	SELL
109147	8/22/2023	8/23/2023	8/23/2023	13000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
109151	8/22/2023	8/23/2023	8/23/2023	5000	2.45		GTN - MALIN	FIXED	SELL
109156	8/22/2023	8/23/2023	8/23/2023	2500	2.33		GTN - MALIN	FIXED	SELL
109145	8/22/2023	8/23/2023	8/23/2023	10000	2.5		NWP - WY_POOL	FIXED	SELL
109149	8/22/2023	8/23/2023	8/23/2023	5000	2.38		GTN - MALIN	FIXED	SELL
109153	8/22/2023	8/23/2023	8/23/2023	5000	2.33		GTN - MALIN	FIXED	SELL
109150	8/22/2023	8/23/2023	8/23/2023	5000	2.45		GTN - MALIN	FIXED	SELL
109158	8/23/2023	8/22/2023	8/22/2023	6300	2.525		ALBERTA - AECO/NIT	FIXED	SELL
109160	8/23/2023	8/24/2023	8/24/2023	2500	2.32		NWP - WY_POOL	FIXED	SELL
109162	8/23/2023	8/24/2023	8/24/2023	13000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
109159	8/23/2023	8/24/2023	8/24/2023	10000	2.32		NWP - WY_POOL	FIXED	SELL
109157	8/23/2023	8/24/2023	8/24/2023	3400	2.53		ALBERTA - AECO/NIT	FIXED	BUY
109163	8/23/2023	8/24/2023	8/24/2023	2500	2.4		GTN - MALIN	FIXED	SELL

109161	8/23/2023	8/24/2023	8/24/2023	5000	2.3		NWP - WY_POOL	FIXED	SELL
109181	8/24/2023	8/25/2023	8/25/2023	2500	2.3		GTN - MALIN	FIXED	BUY
109180	8/24/2023	8/25/2023	8/25/2023	2500	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
109179	8/24/2023	8/25/2023	8/25/2023	3400	2.375		ALBERTA - AECO/NIT	FIXED	BUY
109184	8/24/2023	8/25/2023	8/25/2023	13000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
109182	8/24/2023	8/25/2023	8/25/2023	5000	2.35		NWP - WY_POOL	FIXED	SELL
109183	8/24/2023	8/25/2023	8/25/2023	5000	2.4		NWP - WY_POOL	FIXED	SELL
109213	8/25/2023	8/26/2023	8/28/2023	5000	2.725		NWP - WY_POOL	FIXED	SELL
109211	8/25/2023	8/26/2023	8/28/2023	10000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
109210	8/25/2023	8/26/2023	8/28/2023	5000	2.68		GTN - MALIN	FIXED	BUY
109206	8/25/2023	8/26/2023	8/28/2023	3400	2.44		ALBERTA - AECO/NIT	FIXED	BUY
109207	8/25/2023	8/26/2023	8/28/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
109212	8/25/2023	8/26/2023	8/28/2023	5000	2.65		NWP - WY_POOL	FIXED	SELL
109208	8/25/2023	8/26/2023	8/28/2023	5000	2.75		GTN - MALIN	FIXED	BUY
109209	8/25/2023	8/26/2023	8/28/2023	5000	2.68		GTN - MALIN	FIXED	BUY
109233	8/28/2023	8/29/2023	8/29/2023	4300	3.3		GTN - MALIN	FIXED	BUY
109231	8/28/2023	8/29/2023	8/29/2023	2500	3.47		GTN - MALIN	FIXED	BUY
109234	8/28/2023	8/29/2023	8/29/2023	700	3.325		GTN - MALIN	FIXED	BUY
109235	8/28/2023	8/29/2023	8/29/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
109236	8/28/2023	8/29/2023	8/29/2023	5000	3.45		NWP - WY_POOL	FIXED	SELL
109232	8/28/2023	8/29/2023	8/29/2023	5000	3.41		GTN - MALIN	FIXED	BUY
109237	8/28/2023	8/29/2023	8/29/2023	8000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
109229	8/28/2023	8/29/2023	8/29/2023	3400	2.61		ALBERTA - AECO/NIT	FIXED	BUY
109230	8/28/2023	8/29/2023	8/29/2023	2500	3.43		GTN - MALIN	FIXED	BUY
109277	8/29/2023	8/30/2023	8/30/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
109280	8/29/2023	8/30/2023	8/30/2023	2300	2.75		GTN - MALIN	FIXED	BUY
109278	8/29/2023	8/30/2023	8/30/2023	2500	3.11		GTN - MALIN	FIXED	BUY
109283	8/29/2023	8/30/2023	8/30/2023	200	2.75		GTN - MALIN	FIXED	BUY
109284	8/29/2023	8/30/2023	8/30/2023	5000	3.15		GTN - MALIN	FIXED	BUY
109276	8/29/2023	8/30/2023	8/30/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
109282	8/29/2023	8/30/2023	8/30/2023	2500	3.05		GTN - MALIN	FIXED	BUY
109286	8/29/2023	8/30/2023	8/30/2023	7500	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
109287	8/29/2023	8/30/2023	8/30/2023	3400	2.61		ALBERTA - AECO/NIT	FIXED	BUY
109285	8/29/2023	8/30/2023	8/30/2023	7500	3.1		NWP - WY_POOL	FIXED	SELL
109281	8/29/2023	8/30/2023	8/30/2023	5000	3.25		GTN - MALIN	FIXED	BUY
109279	8/29/2023	8/30/2023	8/30/2023	2500	2.9		GTN - MALIN	FIXED	BUY
109314	8/30/2023	8/31/2023	8/31/2023	2500	2.7		GTN - MALIN	FIXED	BUY
109315	8/30/2023	8/31/2023	8/31/2023	5000	2.6		GTN - MALIN	FIXED	BUY
109316	8/30/2023	8/31/2023	8/31/2023	5000	2.75		GTN - MALIN	FIXED	BUY
109318	8/30/2023	8/31/2023	8/31/2023	13000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
109317	8/30/2023	8/31/2023	8/31/2023	3400	2.63		ALBERTA - AECO/NIT	FIXED	BUY
109313	8/30/2023	8/31/2023	8/31/2023	5000	2.85		GTN - MALIN	FIXED	BUY
109347	8/31/2023	9/1/2023	9/1/2023	2500	2.225		GTN - MALIN	FIXED	BUY
109345	8/31/2023	9/1/2023	9/1/2023	2500	2.2		GTN - MALIN	FIXED	BUY
109344	8/31/2023	9/1/2023	9/1/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
109350	8/31/2023	9/1/2023	9/1/2023	400	2.315		GTN - MALIN	FIXED	BUY
109352	8/31/2023	9/1/2023	9/1/2023	13000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
109346	8/31/2023	9/1/2023	9/1/2023	2500	2.28		GTN - MALIN	FIXED	BUY
109349	8/31/2023	9/1/2023	9/1/2023	2500	2.35		GTN - MALIN	FIXED	BUY
109353	8/31/2023	9/1/2023	9/1/2023	10000	2.25		NWP - WY_POOL	FIXED	SELL
109351	8/31/2023	9/1/2023	9/1/2023	3600	2.535		ALBERTA - AECO/NIT	FIXED	BUY
109348	8/31/2023	9/1/2023	9/1/2023	2100	2.315		GTN - MALIN	FIXED	BUY
109343	8/31/2023	9/1/2023	9/1/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
109394	9/1/2023	9/2/2023	9/5/2023	5500	2.08		NWP - WY_POOL	FIXED	SELL
109390	9/1/2023	9/2/2023	9/5/2023	2500	2.12		GTN - MALIN	FIXED	BUY
109387	9/1/2023	9/2/2023	9/5/2023	2400	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
109392	9/1/2023	9/2/2023	9/5/2023	4500	2.06		NWP - WY_POOL	FIXED	SELL
109396	9/1/2023	9/2/2023	9/5/2023	13000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
109395	9/1/2023	9/2/2023	9/5/2023	3625	2.4		ALBERTA - AECO/NIT	FIXED	BUY
109388	9/1/2023	9/2/2023	9/5/2023	2600	2.12		GTN - MALIN	FIXED	BUY
109389	9/1/2023	9/2/2023	9/5/2023	2500	2.12		GTN - MALIN	FIXED	BUY
109393	9/1/2023	9/2/2023	9/5/2023	5000	2.05		NWP - WY_POOL	FIXED	SELL
109391	9/1/2023	9/2/2023	9/5/2023	5000	2.1		GTN - MALIN	FIXED	BUY
109441	9/5/2023	9/6/2023	9/6/2023	3640	2.415		ALBERTA - AECO/NIT	FIXED	BUY
109439	9/5/2023	9/6/2023	9/6/2023	11000	2.15		NWP - WY_POOL	FIXED	SELL
109438	9/5/2023	9/6/2023	9/6/2023	5500	2.1		NWP - WY_POOL	FIXED	SELL
109437	9/5/2023	9/6/2023	9/6/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
109440	9/5/2023	9/6/2023	9/6/2023	13000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
109463	9/6/2023	9/7/2023	9/7/2023	2500	2.39		GTN - MALIN	FIXED	BUY
109469	9/6/2023	9/7/2023	9/7/2023	3640	2.415		ALBERTA - AECO/NIT	FIXED	BUY
109465	9/6/2023	9/7/2023	9/7/2023	5000	2.4		GTN - MALIN	FIXED	BUY
109466	9/6/2023	9/7/2023	9/7/2023	2500	2.35		NWP - WY_POOL	FIXED	SELL
109470	9/6/2023	9/7/2023	9/7/2023	13000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
109468	9/6/2023	9/7/2023	9/7/2023	6000	2.3		NWP - WY_POOL	FIXED	SELL
109462	9/6/2023	9/7/2023	9/7/2023	1800	2.4		GTN - MALIN	FIXED	BUY
109464	9/6/2023	9/7/2023	9/7/2023	5000	2.4125		GTN - MALIN	FIXED	BUY
109467	9/6/2023	9/7/2023	9/7/2023	1900	2.38		NWP - WY_POOL	FIXED	SELL
109461	9/6/2023	9/7/2023	9/7/2023	5000	2.41		GTN - MALIN	FIXED	BUY
109498	9/7/2023	9/8/2023	9/8/2023	5000	2.6		GTN - MALIN	FIXED	BUY

109497	9/7/2023	9/8/2023	9/8/2023	5000	2.64		GTN - MALIN	FIXED	BUY
109500	9/7/2023	9/8/2023	9/8/2023	1000	2.565		NWP - WY_POOL	FIXED	SELL
109496	9/7/2023	9/8/2023	9/8/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
109502	9/7/2023	9/8/2023	9/8/2023	1000	2.55		NWP - WY_POOL	FIXED	SELL
109501	9/7/2023	9/8/2023	9/8/2023	5000	2.54		NWP - WY_POOL	FIXED	SELL
109503	9/7/2023	9/8/2023	9/8/2023	3640	2.44		ALBERTA - AECO/NIT	FIXED	BUY
109499	9/7/2023	9/8/2023	9/8/2023	4000	2.565		NWP - WY_POOL	FIXED	SELL
109504	9/7/2023	9/8/2023	9/8/2023	13000	2.565		NWP - SUMAS	FIXED	SELL
109574	9/8/2023	9/9/2023	9/11/2023	5000	2.45		GTN - MALIN	FIXED	BUY
109573	9/8/2023	9/9/2023	9/11/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
109580	9/8/2023	9/9/2023	9/11/2023	13000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
109577	9/8/2023	9/9/2023	9/11/2023	5000	2.75		NWP - WY_POOL	FIXED	SELL
109575	9/8/2023	9/9/2023	9/11/2023	5000	2.55		GTN - MALIN	FIXED	BUY
109579	9/8/2023	9/9/2023	9/11/2023	3635	2.46		ALBERTA - AECO/NIT	FIXED	BUY
109576	9/8/2023	9/9/2023	9/11/2023	1600	2.35		GTN - MALIN	FIXED	BUY
109571	9/8/2023	9/9/2023	9/11/2023	2500	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
109578	9/8/2023	9/9/2023	9/11/2023	5000	2.55		NWP - WY_POOL	FIXED	SELL
109572	9/8/2023	9/9/2023	9/11/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
109570	9/8/2023	9/9/2023	9/11/2023	2500	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
109627	9/11/2023	9/12/2023	9/12/2023	5000	2.55		GTN - MALIN	FIXED	BUY
109623	9/11/2023	9/12/2023	9/12/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
109630	9/11/2023	9/12/2023	9/12/2023	13000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
109624	9/11/2023	9/12/2023	9/12/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
109626	9/11/2023	9/12/2023	9/12/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
109629	9/11/2023	9/12/2023	9/12/2023	15000	2.6		NWP - WY_POOL	FIXED	SELL
109622	9/11/2023	9/12/2023	9/12/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
109625	9/11/2023	9/12/2023	9/12/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
109628	9/11/2023	9/12/2023	9/12/2023	3640	2.52		ALBERTA - AECO/NIT	FIXED	BUY
109640	9/12/2023	9/13/2023	9/13/2023	5000	2.6		NWP - WY_POOL	FIXED	SELL
109638	9/12/2023	9/13/2023	9/13/2023	2700	2.66		GTN - MALIN	FIXED	BUY
109633	9/12/2023	9/13/2023	9/13/2023	2000	2.66		GTN - MALIN	FIXED	BUY
109637	9/12/2023	9/13/2023	9/13/2023	5000	2.67		GTN - MALIN	FIXED	BUY
109634	9/12/2023	9/13/2023	9/13/2023	2500	2.6		GTN - MALIN	FIXED	BUY
109641	9/12/2023	9/13/2023	9/13/2023	3640	2.67		ALBERTA - AECO/NIT	FIXED	BUY
109642	9/12/2023	9/13/2023	9/13/2023	13000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
109632	9/12/2023	9/13/2023	9/13/2023	3600	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
109635	9/12/2023	9/13/2023	9/13/2023	5000	2.66		GTN - MALIN	FIXED	BUY
109636	9/12/2023	9/13/2023	9/13/2023	5000	2.65		GTN - MALIN	FIXED	BUY
109631	9/12/2023	9/13/2023	9/13/2023	6400	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
109639	9/12/2023	9/13/2023	9/13/2023	3000	2.65		NWP - WY_POOL	FIXED	SELL
109672	9/13/2023	9/14/2023	9/14/2023	13000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
109662	9/13/2023	9/14/2023	9/14/2023	5000	2.875		GTN - MALIN	FIXED	BUY
109668	9/13/2023	9/14/2023	9/14/2023	3635	2.66		ALBERTA - AECO/NIT	FIXED	BUY
109664	9/13/2023	9/14/2023	9/14/2023	5000	2.85		GTN - MALIN	FIXED	BUY
109660	9/13/2023	9/14/2023	9/14/2023	10000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
109669	9/13/2023	9/14/2023	9/14/2023	5000	2.85		NWP - WY_POOL	FIXED	SELL
109663	9/13/2023	9/14/2023	9/14/2023	5000	2.875		GTN - MALIN	FIXED	BUY
109667	9/13/2023	9/14/2023	9/14/2023	2000	2.9		GTN - MALIN	FIXED	BUY
109665	9/13/2023	9/14/2023	9/14/2023	800	2.9		GTN - MALIN	FIXED	BUY
109661	9/13/2023	9/14/2023	9/14/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
109671	9/13/2023	9/14/2023	9/14/2023	1000	2.87		NWP - WY_POOL	FIXED	SELL
109666	9/13/2023	9/14/2023	9/14/2023	5000	2.9		GTN - MALIN	FIXED	BUY
109670	9/13/2023	9/14/2023	9/14/2023	5000	2.8		NWP - WY_POOL	FIXED	SELL
109787	9/14/2023	9/14/2023	9/14/2023	7500	2		NWP - ROCKY MOUNTAIN POOL	FIXED	SELL
109784	9/14/2023	9/15/2023	9/15/2023	5000	2.6		NWP - WY_POOL	FIXED	SELL
109786	9/14/2023	9/15/2023	9/15/2023	13000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
109780	9/14/2023	9/15/2023	9/15/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
109779	9/14/2023	9/15/2023	9/15/2023	10000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
109785	9/14/2023	9/15/2023	9/15/2023	5000	2.6		NWP - WY_POOL	FIXED	SELL
109777	9/14/2023	9/15/2023	9/15/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
109778	9/14/2023	9/15/2023	9/15/2023	10000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
109782	9/14/2023	9/15/2023	9/15/2023	7500	2.3		NWP - ROCKY MOUNTAIN POOL	FIXED	SELL
109781	9/14/2023	9/15/2023	9/15/2023	3635	2.66		ALBERTA - AECO/NIT	FIXED	BUY
109783	9/14/2023	9/15/2023	9/15/2023	5000	2.62		NWP - WY_POOL	FIXED	SELL
109776	9/14/2023	9/16/2023	9/25/2023	7500	0	GD NW S. OF GREEN	NWP - ROCKY MOUNTAIN POOL	INDEX	SELL
109755	9/14/2023	11/1/2023	11/30/2023	10000	0	CGPR AECO	ALBERTA - AECO/NIT	INDEX	BUY
109756	9/14/2023	12/1/2023	12/31/2023	8500	0	CGPR AECO	ALBERTA - AECO/NIT	INDEX	BUY
109775	9/14/2023	12/1/2023	12/31/2023	1500	0	IF ROCKIES	NWP - WY_POOL	INDEX	BUY
109771	9/14/2023	12/1/2023	12/31/2023	3000	0	IF CDN BORDER	NWP - SUMAS	INDEX	BUY
109763	9/14/2023	11/1/2023	3/31/2024	5500	0	IF ROCKIES	NWP - WY_POOL	INDEX	BUY
109754	9/14/2023	11/1/2023	3/31/2024	20500	0	CGPR AECO	ALBERTA - AECO/NIT	INDEX	BUY
109766	9/14/2023	11/1/2023	3/31/2024	3000	0	IF CDN BORDER	NWP - SUMAS	INDEX	BUY
109765	9/14/2023	11/1/2023	3/31/2024	1000	0	NGI MALIN	GTN - KINGSGATE	INDEX	BUY
109821	9/15/2023	9/16/2023	9/18/2023	5000	2.5		NWP - WY_POOL	FIXED	SELL
109820	9/15/2023	9/16/2023	9/18/2023	3200	2.72		GTN - MALIN	FIXED	BUY
109822	9/15/2023	9/16/2023	9/18/2023	1000	2.5		NWP - WY_POOL	FIXED	SELL
109826	9/15/2023	9/16/2023	9/18/2023	13000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
109817	9/15/2023	9/16/2023	9/18/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
109824	9/15/2023	9/16/2023	9/18/2023	3635	2.53		ALBERTA - AECO/NIT	FIXED	BUY

109816	9/15/2023	9/16/2023	9/18/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
109823	9/15/2023	9/16/2023	9/18/2023	5000	2.5		NWP - WY_POOL	FIXED	SELL
109818	9/15/2023	9/16/2023	9/18/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
109827	9/15/2023	9/16/2023	9/18/2023	2500	2.6		NWP - WY_POOL	FIXED	SELL
109819	9/15/2023	9/16/2023	9/18/2023	5000	2.75		GTN - MALIN	FIXED	BUY
109825	9/15/2023	9/16/2023	9/25/2023	1500	0	GD NW S. OF GREEN	NWP - ROCKY MOUNTAIN POOL	INDEX	SELL
109885	9/18/2023	9/19/2023	9/19/2023	5000	2.7		NWP - WY_POOL	FIXED	SELL
109877	9/18/2023	9/19/2023	9/19/2023	4200	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
109881	9/18/2023	9/19/2023	9/19/2023	5000	2.93		GTN - MALIN	FIXED	BUY
109879	9/18/2023	9/19/2023	9/19/2023	7800	2.95		GTN - MALIN	FIXED	BUY
109886	9/18/2023	9/19/2023	9/19/2023	13000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
109887	9/18/2023	9/19/2023	9/19/2023	10000	2.55		GTN - KINGSGATE	FIXED	SELL
109888	9/18/2023	9/19/2023	9/19/2023	5000	2.6		GTN - KINGSGATE	FIXED	SELL
109882	9/18/2023	9/19/2023	9/19/2023	6000	2.49		ALBERTA - AECO/NIT	FIXED	BUY
109884	9/18/2023	9/19/2023	9/19/2023	10000	2.49		ALBERTA - AECO/NIT	FIXED	BUY
109880	9/18/2023	9/19/2023	9/19/2023	2200	2.95		GTN - MALIN	FIXED	BUY
109878	9/18/2023	9/19/2023	9/19/2023	10000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
109883	9/18/2023	9/19/2023	9/19/2023	3500	2.485		ALBERTA - AECO/NIT	FIXED	BUY
109909	9/19/2023	9/18/2023	9/18/2023	1750	2.6		ALBERTA - AECO/NIT	FIXED	SELL
109904	9/19/2023	9/20/2023	9/20/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
109908	9/19/2023	9/20/2023	9/20/2023	13000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
109907	9/19/2023	9/20/2023	9/20/2023	5000	2.6		NWP - WY_POOL	FIXED	SELL
109910	9/19/2023	9/20/2023	9/20/2023	11500	2.56		ALBERTA - AECO/NIT	FIXED	BUY
109905	9/19/2023	9/20/2023	9/20/2023	10000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
109906	9/19/2023	9/20/2023	9/20/2023	8000	2.55		GTN - KINGSGATE	FIXED	SELL
109940	9/20/2023	9/19/2023	9/19/2023	11500	2.56		ALBERTA - AECO/NIT	FIXED	SELL
109939	9/20/2023	9/20/2023	9/20/2023	4600	2.47		ALBERTA - AECO/NIT	FIXED	SELL
109938	9/20/2023	9/20/2023	9/20/2023	3442	1.8		GTN - KINGSGATE	FIXED	BUY
109930	9/20/2023	9/21/2023	9/21/2023	10000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
109936	9/20/2023	9/21/2023	9/21/2023	800	2.48		GTN - MALIN	FIXED	BUY
109935	9/20/2023	9/21/2023	9/21/2023	5000	2.395		GTN - MALIN	FIXED	BUY
109931	9/20/2023	9/21/2023	9/21/2023	10000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
109937	9/20/2023	9/21/2023	9/21/2023	13000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
109933	9/20/2023	9/21/2023	9/21/2023	2500	2.5		GTN - MALIN	FIXED	BUY
109934	9/20/2023	9/21/2023	9/21/2023	5500	2.49		GTN - MALIN	FIXED	BUY
109929	9/20/2023	9/21/2023	9/21/2023	10000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
109932	9/20/2023	9/21/2023	9/21/2023	3000	2.5		GTN - MALIN	FIXED	BUY
109960	9/21/2023	9/22/2023	9/22/2023	13000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
109959	9/21/2023	9/22/2023	9/22/2023	5000	2.2		NWP - WY_POOL	FIXED	SELL
109958	9/21/2023	9/22/2023	9/22/2023	3600	2.4		ALBERTA - AECO/NIT	FIXED	BUY
109957	9/21/2023	9/22/2023	9/22/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
109982	9/22/2023	9/21/2023	9/21/2023	2550	2.33		ALBERTA - AECO/NIT	FIXED	SELL
109981	9/22/2023	9/23/2023	9/25/2023	13000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
109979	9/22/2023	9/23/2023	9/25/2023	3600	2.35		ALBERTA - AECO/NIT	FIXED	BUY
109977	9/22/2023	9/23/2023	9/25/2023	2100	2.3		GTN - MALIN	FIXED	BUY
109978	9/22/2023	9/23/2023	9/25/2023	2500	2.3		GTN - MALIN	FIXED	BUY
109980	9/22/2023	9/23/2023	9/25/2023	7500	2.18		NWP - WY_POOL	FIXED	SELL
110010	9/25/2023	9/25/2023	9/25/2023	10000	2.2		NWP - WY_POOL	FIXED	SELL
110009	9/25/2023	9/25/2023	9/25/2023	1300	2.2		NWP - WY_POOL	FIXED	BUY
110007	9/25/2023	9/26/2023	9/26/2023	13000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
110003	9/25/2023	9/26/2023	9/26/2023	3640	2.31		ALBERTA - AECO/NIT	FIXED	BUY
110006	9/25/2023	9/26/2023	9/26/2023	4900	2.2		NWP - WY_POOL	FIXED	SELL
110002	9/25/2023	9/26/2023	9/26/2023	5000	2.225		GTN - MALIN	FIXED	BUY
110008	9/25/2023	9/26/2023	9/26/2023	5000	2.13		NWP - ROCKY MOUNTAIN POOL	FIXED	SELL
110004	9/25/2023	9/26/2023	9/26/2023	3600	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	SELL
110005	9/25/2023	9/26/2023	9/26/2023	10000	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	SELL
110054	9/26/2023	9/26/2023	9/26/2023	5000	2.4		GTN - MALIN	FIXED	BUY
110053	9/26/2023	9/26/2023	9/26/2023	7200	2.35		GTN - MALIN	FIXED	BUY
110056	9/26/2023	9/26/2023	9/26/2023	600	2.35		GTN - MALIN	FIXED	BUY
110055	9/26/2023	9/26/2023	9/26/2023	1679	2.4		GTN - MALIN	FIXED	BUY
110041	9/26/2023	9/27/2023	9/27/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
110044	9/26/2023	9/27/2023	9/27/2023	5000	2.18		GTN - MALIN	FIXED	BUY
110052	9/26/2023	9/27/2023	9/27/2023	5000	2.05		GTN - KINGSGATE	FIXED	SELL
110046	9/26/2023	9/27/2023	9/27/2023	6500	2.39		ALBERTA - AECO/NIT	FIXED	BUY
110048	9/26/2023	9/27/2023	9/27/2023	5000	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	SELL
110049	9/26/2023	9/27/2023	9/27/2023	13000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
110050	9/26/2023	9/27/2023	9/27/2023	5000	2.15		NWP - ROCKY MOUNTAIN POOL	FIXED	SELL
110051	9/26/2023	9/27/2023	9/27/2023	1500	2.05		GTN - KINGSGATE	FIXED	SELL
110045	9/26/2023	9/27/2023	9/27/2023	3650	2.37		ALBERTA - AECO/NIT	FIXED	BUY
110042	9/26/2023	9/27/2023	9/27/2023	4900	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
110047	9/26/2023	9/27/2023	9/27/2023	12500	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	SELL
110043	9/26/2023	9/27/2023	9/27/2023	1300	2.18		GTN - MALIN	FIXED	BUY
110076	9/27/2023	9/28/2023	9/28/2023	19500	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
110074	9/27/2023	9/28/2023	9/28/2023	5000	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	SELL
110075	9/27/2023	9/28/2023	9/28/2023	5000	2.23		NWP - WY_POOL	FIXED	SELL
110077	9/27/2023	9/28/2023	9/28/2023	3000	2.23		NWP - ROCKY MOUNTAIN POOL	FIXED	SELL
110070	9/27/2023	9/28/2023	9/28/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
110069	9/27/2023	9/28/2023	9/28/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
110071	9/27/2023	9/28/2023	9/28/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY

110073	9/27/2023	9/28/2023	9/28/2023	3650	2.42		ALBERTA - AECO/NIT	FIXED	BUY
110072	9/27/2023	9/28/2023	9/28/2023	5000	2.26		GTN - MALIN	FIXED	BUY
110098	9/28/2023	9/28/2023	9/28/2023	3200	2.35		GTN - MALIN	FIXED	BUY
110097	9/28/2023	9/28/2023	9/28/2023	5000	2.35		GTN - MALIN	FIXED	BUY
110090	9/28/2023	9/29/2023	9/30/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
110093	9/28/2023	9/29/2023	9/30/2023	5000	2.175		GTN - MALIN	FIXED	BUY
110089	9/28/2023	9/29/2023	9/30/2023	1400	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
110091	9/28/2023	9/29/2023	9/30/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
110092	9/28/2023	9/29/2023	9/30/2023	5000	2.22		GTN - MALIN	FIXED	BUY
110096	9/28/2023	9/29/2023	9/30/2023	7500	2.12		NWP - ROCKY MOUNTAIN POOL	FIXED	SELL
110094	9/28/2023	9/29/2023	9/30/2023	3650	2.44		ALBERTA - AECO/NIT	FIXED	BUY
110095	9/28/2023	9/29/2023	9/30/2023	13000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
110088	9/28/2023	9/29/2023	9/30/2023	2400	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
110123	9/29/2023	9/28/2023	9/28/2023	7600	2.3		ALBERTA - AECO/NIT	FIXED	SELL
110116	9/29/2023	10/1/2023	10/2/2023	4050	2.335		ALBERTA - AECO/NIT	FIXED	BUY
110108	9/29/2023	10/1/2023	10/2/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
110113	9/29/2023	10/1/2023	10/2/2023	5000	2.05		GTN - MALIN	FIXED	BUY
110120	9/29/2023	10/1/2023	10/2/2023	13000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
110119	9/29/2023	10/1/2023	10/2/2023	2500	1.925		NWP - WY_POOL	FIXED	SELL
110115	9/29/2023	10/1/2023	10/2/2023	1000	2.025		GTN - MALIN	FIXED	BUY
110114	9/29/2023	10/1/2023	10/2/2023	5000	2.075		GTN - MALIN	FIXED	BUY
110110	9/29/2023	10/1/2023	10/2/2023	5800	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
110122	9/29/2023	10/1/2023	10/2/2023	2000	2		NWP - ROCKY MOUNTAIN POOL	FIXED	SELL
110118	9/29/2023	10/1/2023	10/2/2023	2000	2		NWP - WY_POOL	FIXED	SELL
110112	9/29/2023	10/1/2023	10/2/2023	4000	2.025		GTN - MALIN	FIXED	BUY
110117	9/29/2023	10/1/2023	10/2/2023	3000	1.95		NWP - WY_POOL	FIXED	SELL
110109	9/29/2023	10/1/2023	10/2/2023	10000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
110121	9/29/2023	10/1/2023	10/2/2023	500	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
110111	9/29/2023	10/1/2023	10/2/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
110167	10/2/2023	10/1/2023	10/1/2023	1075	2.44		ALBERTA - AECO/NIT	FIXED	SELL
110160	10/2/2023	10/3/2023	10/3/2023	2500	2.28		GTN - MALIN	FIXED	BUY
110166	10/2/2023	10/3/2023	10/3/2023	5000	2.17		NWP - ROCKY MOUNTAIN POOL	FIXED	SELL
110152	10/2/2023	10/3/2023	10/3/2023	2700	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
110155	10/2/2023	10/3/2023	10/3/2023	10000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
110157	10/2/2023	10/3/2023	10/3/2023	5000	2.31		GTN - MALIN	FIXED	BUY
110162	10/2/2023	10/3/2023	10/3/2023	5000	2.18		NWP - WY_POOL	FIXED	SELL
110164	10/2/2023	10/3/2023	10/3/2023	13000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
110158	10/2/2023	10/3/2023	10/3/2023	10000	2.32		GTN - MALIN	FIXED	BUY
110161	10/2/2023	10/3/2023	10/3/2023	4050	2.42		ALBERTA - AECO/NIT	FIXED	BUY
110163	10/2/2023	10/3/2023	10/3/2023	7000	2.18		NWP - WY_POOL	FIXED	SELL
110165	10/2/2023	10/3/2023	10/3/2023	500	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
110156	10/2/2023	10/3/2023	10/3/2023	10000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
110153	10/2/2023	10/3/2023	10/3/2023	2300	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
110159	10/2/2023	10/3/2023	10/3/2023	5000	2.27		GTN - MALIN	FIXED	BUY
110154	10/2/2023	10/3/2023	10/3/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
110201	10/3/2023	10/2/2023	10/2/2023	1650	2.35		ALBERTA - AECO/NIT	FIXED	SELL
110199	10/3/2023	10/4/2023	10/4/2023	13000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
110191	10/3/2023	10/4/2023	10/4/2023	5000	2.48		GTN - MALIN	FIXED	BUY
110189	10/3/2023	10/4/2023	10/4/2023	6100	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
110198	10/3/2023	10/4/2023	10/4/2023	5000	2.455		NWP - WY_POOL	FIXED	SELL
110192	10/3/2023	10/4/2023	10/4/2023	10000	2.45		GTN - MALIN	FIXED	BUY
110193	10/3/2023	10/4/2023	10/4/2023	5000	2.525		GTN - MALIN	FIXED	BUY
110194	10/3/2023	10/4/2023	10/4/2023	4050	2.39		ALBERTA - AECO/NIT	FIXED	BUY
110197	10/3/2023	10/4/2023	10/4/2023	2500	2.4		NWP - WY_POOL	FIXED	SELL
110190	10/3/2023	10/4/2023	10/4/2023	10000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
110200	10/3/2023	10/4/2023	10/4/2023	500	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
110195	10/3/2023	10/4/2023	10/4/2023	1300	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	SELL
110196	10/3/2023	10/4/2023	10/4/2023	5000	2.32		NWP - WY_POOL	FIXED	SELL
110233	10/4/2023	10/3/2023	10/3/2023	3630	2.32		ALBERTA - AECO/NIT	FIXED	SELL
110232	10/4/2023	10/4/2023	10/4/2023	10000	2.85		GTN - MALIN	FIXED	BUY
110231	10/4/2023	10/5/2023	10/5/2023	13000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
110221	10/4/2023	10/5/2023	10/5/2023	5000	3.225		GTN - MALIN	FIXED	BUY
110227	10/4/2023	10/5/2023	10/5/2023	10000	2.75		GTN - MALIN	FIXED	BUY
110225	10/4/2023	10/5/2023	10/5/2023	10000	3		GTN - MALIN	FIXED	BUY
110230	10/4/2023	10/5/2023	10/5/2023	7500	2.47		NWP - WY_POOL	FIXED	SELL
110224	10/4/2023	10/5/2023	10/5/2023	8100	3.25		GTN - MALIN	FIXED	BUY
110226	10/4/2023	10/5/2023	10/5/2023	10000	2.9		GTN - MALIN	FIXED	BUY
110223	10/4/2023	10/5/2023	10/5/2023	1900	3.25		GTN - MALIN	FIXED	BUY
110229	10/4/2023	10/5/2023	10/5/2023	10000	3.275		GTN - MALIN	FIXED	BUY
110228	10/4/2023	10/5/2023	10/5/2023	2000	3.2		GTN - MALIN	FIXED	BUY
110220	10/4/2023	10/5/2023	10/5/2023	5000	3.3		GTN - MALIN	FIXED	BUY
110222	10/4/2023	10/5/2023	10/5/2023	5000	2.9		GTN - MALIN	FIXED	BUY
110256	10/5/2023	10/4/2023	10/4/2023	5595	1.53		ALBERTA - AECO/NIT	FIXED	SELL
110246	10/5/2023	10/6/2023	10/6/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
110250	10/5/2023	10/6/2023	10/6/2023	5000	2.75		GTN - MALIN	FIXED	BUY
110251	10/5/2023	10/6/2023	10/6/2023	4700	2.75		GTN - MALIN	FIXED	BUY
110248	10/5/2023	10/6/2023	10/6/2023	20000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
110253	10/5/2023	10/6/2023	10/6/2023	10000	2.52		NWP - WY_POOL	FIXED	SELL
110247	10/5/2023	10/6/2023	10/6/2023	5400	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY

110249	10/5/2023	10/6/2023	10/6/2023	5000	2.725		GTN - MALIN	FIXED	BUY
110255	10/5/2023	10/6/2023	10/6/2023	2500	2.6		NWP - ROCKY MOUNTAIN POOL	FIXED	SELL
110245	10/5/2023	10/6/2023	10/6/2023	3400	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
110252	10/5/2023	10/6/2023	10/6/2023	2500	2.55		NWP - WY_POOL	FIXED	SELL
110254	10/5/2023	10/6/2023	10/6/2023	13000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
110288	10/6/2023	10/6/2023	10/6/2023	1800	2.26		ALBERTA - AECO/NIT	FIXED	SELL
110282	10/6/2023	10/7/2023	10/9/2023	5000	2.65		GTN - MALIN	FIXED	BUY
110284	10/6/2023	10/7/2023	10/9/2023	13000	1.55		ALBERTA - AECO/NIT	FIXED	BUY
110281	10/6/2023	10/7/2023	10/9/2023	5000	2.6		GTN - MALIN	FIXED	BUY
110285	10/6/2023	10/7/2023	10/9/2023	10000	2.475		NWP - WY_POOL	FIXED	SELL
110283	10/6/2023	10/7/2023	10/9/2023	4000	1.58		ALBERTA - AECO/NIT	FIXED	BUY
110279	10/6/2023	10/7/2023	10/9/2023	10000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
110287	10/6/2023	10/7/2023	10/9/2023	13000	2.25		GTN - KINGSGATE	FIXED	SELL
110277	10/6/2023	10/7/2023	10/9/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
110280	10/6/2023	10/7/2023	10/9/2023	16625	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
110278	10/6/2023	10/7/2023	10/9/2023	10000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
110286	10/6/2023	10/7/2023	10/10/2023	13000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
110291	10/8/2023	10/7/2023	10/7/2023	17000	2.6		ALBERTA - AECO/NIT	FIXED	SELL
110301	10/9/2023	10/8/2023	10/8/2023	15920	2.6		ALBERTA - AECO/NIT	FIXED	SELL
110315	10/9/2023	10/9/2023	10/9/2023	5000	2.95		GTN - MALIN	FIXED	BUY
110316	10/9/2023	10/9/2023	10/9/2023	5000	2.95		GTN - MALIN	FIXED	BUY
110295	10/9/2023	10/10/2023	10/10/2023	10000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
110294	10/9/2023	10/10/2023	10/10/2023	1700	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
110293	10/9/2023	10/10/2023	10/10/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
110298	10/9/2023	10/10/2023	10/10/2023	3800	2.7		GTN - MALIN	FIXED	BUY
110297	10/9/2023	10/10/2023	10/10/2023	5000	2.65		GTN - MALIN	FIXED	BUY
110299	10/9/2023	10/10/2023	10/10/2023	1200	2.7		GTN - MALIN	FIXED	BUY
110296	10/9/2023	10/10/2023	10/10/2023	3400	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
110300	10/9/2023	10/10/2023	10/10/2023	10000	2.45		NWP - WY_POOL	FIXED	SELL
110324	10/10/2023	10/9/2023	10/9/2023	16125	2.35		ALBERTA - AECO/NIT	FIXED	SELL
110319	10/10/2023	10/11/2023	10/11/2023	2500	2.8		GTN - MALIN	FIXED	BUY
110320	10/10/2023	10/11/2023	10/11/2023	5000	2.8		GTN - MALIN	FIXED	BUY
110323	10/10/2023	10/11/2023	10/11/2023	13000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
110317	10/10/2023	10/11/2023	10/11/2023	2500	2.8		GTN - MALIN	FIXED	BUY
110322	10/10/2023	10/11/2023	10/11/2023	5000	2.8		GTN - MALIN	FIXED	BUY
110318	10/10/2023	10/11/2023	10/11/2023	5000	2.825		GTN - MALIN	FIXED	BUY
110321	10/10/2023	10/11/2023	10/11/2023	5000	2.725		GTN - MALIN	FIXED	BUY
110339	10/11/2023	10/5/2023	10/5/2023	7500	2.45		NWP - ROCKY MOUNTAIN POOL	FIXED	SELL
110349	10/11/2023	10/10/2023	10/10/2023	1760	2.39		ALBERTA - AECO/NIT	FIXED	BUY
110348	10/11/2023	10/12/2023	10/12/2023	13000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
110345	10/11/2023	10/12/2023	10/12/2023	2500	2.4		GTN - MALIN	FIXED	BUY
110342	10/11/2023	10/12/2023	10/12/2023	10000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
110343	10/11/2023	10/12/2023	10/12/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
110340	10/11/2023	10/12/2023	10/12/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
110341	10/11/2023	10/12/2023	10/12/2023	10000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
110346	10/11/2023	10/12/2023	10/12/2023	4050	2.43		ALBERTA - AECO/NIT	FIXED	BUY
110344	10/11/2023	10/12/2023	10/12/2023	5000	2.5		GTN - MALIN	FIXED	BUY
110347	10/11/2023	10/12/2023	10/12/2023	5000	2.3		NWP - WY_POOL	FIXED	SELL
110380	10/12/2023	10/11/2023	10/11/2023	1100	2.75		ALBERTA - AECO/NIT	FIXED	BUY
110378	10/12/2023	10/13/2023	10/13/2023	5000	2.375		GTN - MALIN	FIXED	BUY
110381	10/12/2023	10/13/2023	10/13/2023	4050	2.53		ALBERTA - AECO/NIT	FIXED	BUY
110382	10/12/2023	10/13/2023	10/13/2023	13000	0	GD SUMAS	NWP - SUMAS	INDEX	SELL
110375	10/12/2023	10/13/2023	10/13/2023	10000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
110376	10/12/2023	10/13/2023	10/13/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
110379	10/12/2023	10/13/2023	10/13/2023	5000	2.455		GTN - MALIN	FIXED	BUY
110377	10/12/2023	10/13/2023	10/13/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
110409	10/13/2023	10/14/2023	10/16/2023	10000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
110411	10/13/2023	10/14/2023	10/16/2023	10000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
110415	10/13/2023	10/14/2023	10/16/2023	7500	1.67		NWP - WY_POOL	FIXED	SELL
110412	10/13/2023	10/14/2023	10/16/2023	5000	1.85		GTN - MALIN	FIXED	BUY
110414	10/13/2023	10/14/2023	10/16/2023	10000	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	SELL
110413	10/13/2023	10/14/2023	10/16/2023	4050	2.29		ALBERTA - AECO/NIT	FIXED	BUY
110410	10/13/2023	10/14/2023	10/16/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
110448	10/16/2023	10/17/2023	10/17/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
110447	10/16/2023	10/17/2023	10/17/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
110450	10/16/2023	10/17/2023	10/17/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
110451	10/16/2023	10/17/2023	10/17/2023	4050	1.87		ALBERTA - AECO/NIT	FIXED	BUY
110449	10/16/2023	10/17/2023	10/17/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
110504	10/17/2023	10/18/2023	10/18/2023	2500	1.8		NWP - WY_POOL	FIXED	SELL
110505	10/17/2023	10/18/2023	10/18/2023	10000	1.7		NWP - WY_POOL	FIXED	SELL
110503	10/17/2023	10/18/2023	10/18/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
110502	10/17/2023	10/18/2023	10/18/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
110533	10/18/2023	10/19/2023	10/19/2023	5100	2.22		GTN - MALIN	FIXED	BUY
110531	10/18/2023	10/19/2023	10/19/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
110530	10/18/2023	10/19/2023	10/19/2023	3500	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
110532	10/18/2023	10/19/2023	10/19/2023	10000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
110549	10/19/2023	10/18/2023	10/18/2023	3900	2.15		ALBERTA - AECO/NIT	FIXED	SELL
110548	10/19/2023	10/20/2023	10/20/2023	4050	2.23		ALBERTA - AECO/NIT	FIXED	BUY
110572	10/20/2023	10/19/2023	10/19/2023	3800	2.15		ALBERTA - AECO/NIT	FIXED	BUY

110574	10/20/2023	10/21/2023	10/23/2023	5000	1.905		GTN - MALIN	FIXED	BUY
110573	10/20/2023	10/21/2023	10/23/2023	5000	1.94		GTN - MALIN	FIXED	BUY
110575	10/20/2023	10/21/2023	10/23/2023	1000	1.89		GTN - MALIN	FIXED	BUY
110576	10/20/2023	10/21/2023	10/23/2023	4050	2.09		ALBERTA - AECO/NIT	FIXED	BUY
110767	10/20/2023	10/21/2023	10/23/2023	5000	1.85		GTN - MALIN	FIXED	BUY
110599	10/23/2023	10/22/2023	10/22/2023	3200	2.16		ALBERTA - AECO/NIT	FIXED	SELL
110597	10/23/2023	10/24/2023	10/24/2023	2000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
110595	10/23/2023	10/24/2023	10/24/2023	8700	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
110598	10/23/2023	10/24/2023	10/24/2023	4050	2.35		ALBERTA - AECO/NIT	FIXED	BUY
110596	10/23/2023	10/24/2023	10/24/2023	3000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
110594	10/23/2023	10/24/2023	10/24/2023	1300	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
110640	10/24/2023	10/23/2023	10/23/2023	3800	2.52		ALBERTA - AECO/NIT	FIXED	SELL
110638	10/24/2023	10/25/2023	10/25/2023	9700	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
110637	10/24/2023	10/25/2023	10/25/2023	10000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
110639	10/24/2023	10/25/2023	10/25/2023	1000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
110654	10/25/2023	10/24/2023	10/24/2023	7000	2.53		ALBERTA - AECO/NIT	FIXED	SELL
110653	10/25/2023	10/26/2023	10/26/2023	5000	4.87		GTN - MALIN	FIXED	BUY
110652	10/25/2023	10/26/2023	10/26/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
110651	10/25/2023	10/26/2023	10/26/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
110675	10/26/2023	10/25/2023	10/25/2023	3600	2.3		ALBERTA - AECO/NIT	FIXED	SELL
110665	10/26/2023	10/27/2023	10/27/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
110666	10/26/2023	10/27/2023	10/27/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
110667	10/26/2023	10/27/2023	10/27/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
110674	10/26/2023	10/27/2023	10/27/2023	5000	5.49		GTN - MALIN	FIXED	BUY
110668	10/26/2023	10/27/2023	10/27/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
110672	10/26/2023	10/27/2023	10/27/2023	6500	5.9		GTN - MALIN	FIXED	BUY
110669	10/26/2023	10/27/2023	10/27/2023	4000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
110673	10/26/2023	10/27/2023	10/27/2023	5000	5.95		GTN - MALIN	FIXED	BUY
110671	10/26/2023	10/27/2023	10/27/2023	10000	5.9		GTN - MALIN	FIXED	BUY
110670	10/26/2023	10/27/2023	10/27/2023	5000	5.5		GTN - MALIN	FIXED	BUY
110695	10/27/2023	10/26/2023	10/26/2023	3300	2.47		ALBERTA - AECO/NIT	FIXED	SELL
110687	10/27/2023	10/27/2023	10/27/2023	3800	6		GTN - MALIN	FIXED	SELL
110690	10/27/2023	10/28/2023	10/30/2023	10000	6.15		GTN - MALIN	FIXED	BUY
110693	10/27/2023	10/28/2023	10/30/2023	4800	6.05		GTN - MALIN	FIXED	BUY
110692	10/27/2023	10/28/2023	10/30/2023	3900	6.1		GTN - MALIN	FIXED	BUY
110691	10/27/2023	10/28/2023	10/30/2023	8000	6.05		GTN - MALIN	FIXED	BUY
110694	10/27/2023	10/28/2023	10/30/2023	3000	5.95		GTN - MALIN	FIXED	BUY
110689	10/27/2023	10/28/2023	10/30/2023	5000	6.1		GTN - MALIN	FIXED	BUY
110688	10/27/2023	10/28/2023	10/30/2023	300	6.1		GTN - MALIN	FIXED	BUY
110698	10/28/2023	10/27/2023	10/27/2023	3300	2.55		ALBERTA - AECO/NIT	FIXED	SELL
110704	10/29/2023	10/28/2023	10/28/2023	2900	2.6		ALBERTA - AECO/NIT	FIXED	SELL
110717	10/30/2023	10/29/2023	10/29/2023	3400	2.13		ALBERTA - AECO/NIT	FIXED	SELL
110756	10/31/2023	10/30/2023	10/30/2023	3400	2.5		ALBERTA - AECO/NIT	FIXED	SELL
110751	10/31/2023	10/31/2023	10/31/2023	5000	7		GTN - MALIN	FIXED	BUY
110752	10/31/2023	10/31/2023	10/31/2023	2500	6.99		GTN - MALIN	FIXED	BUY
110755	10/31/2023	10/31/2023	10/31/2023	5000	6.99		GTN - MALIN	FIXED	BUY
110750	10/31/2023	10/31/2023	10/31/2023	7500	6.98		GTN - MALIN	FIXED	BUY
110754	10/31/2023	10/31/2023	10/31/2023	3000	6.99		GTN - MALIN	FIXED	BUY
110753	10/31/2023	10/31/2023	10/31/2023	2500	6.99		GTN - MALIN	FIXED	BUY
110749	10/31/2023	11/1/2023	11/1/2023	5000	5.55		GTN - MALIN	FIXED	BUY
110768	11/1/2023	10/31/2023	10/31/2023	3500	2.6		ALBERTA - AECO/NIT	FIXED	SELL
110796	11/2/2023	11/1/2023	11/1/2023	2700	2.63		ALBERTA - AECO/NIT	FIXED	SELL
110784	11/2/2023	11/3/2023	11/3/2023	5000	4.2		GTN - KINGSGATE	FIXED	BUY
110785	11/2/2023	11/3/2023	11/3/2023	5300	3.9		GTN - KINGSGATE	FIXED	BUY
110789	11/2/2023	11/3/2023	11/3/2023	5000	4.5		GTN - MALIN	FIXED	SELL
110783	11/2/2023	11/3/2023	11/3/2023	5000	4.2		GTN - KINGSGATE	FIXED	BUY
110792	11/2/2023	11/3/2023	11/3/2023	5000	4.63		GTN - MALIN	FIXED	SELL
110788	11/2/2023	11/3/2023	11/3/2023	5000	4.56		GTN - MALIN	FIXED	SELL
110787	11/2/2023	11/3/2023	11/3/2023	2500	4.54		GTN - MALIN	FIXED	SELL
110790	11/2/2023	11/3/2023	11/3/2023	2500	4.54		GTN - MALIN	FIXED	SELL
110786	11/2/2023	11/3/2023	11/3/2023	8000	2.64		ALBERTA - AECO/NIT	FIXED	BUY
110794	11/2/2023	11/3/2023	11/3/2023	5000	4.57		GTN - MALIN	FIXED	SELL
110793	11/2/2023	11/3/2023	11/3/2023	5000	4.6		GTN - MALIN	FIXED	SELL
110795	11/2/2023	11/3/2023	11/3/2023	5000	4.56		GTN - MALIN	FIXED	SELL
110791	11/2/2023	11/3/2023	11/3/2023	5000	4.59		GTN - MALIN	FIXED	SELL
110838	11/3/2023	11/2/2023	11/2/2023	6500	2.62		ALBERTA - AECO/NIT	FIXED	SELL
110837	11/3/2023	11/3/2023	11/3/2023	7000	2.69		ALBERTA - AECO/NIT	FIXED	BUY
110836	11/3/2023	11/4/2023	11/6/2023	2400	4.1		GTN - MALIN	FIXED	SELL
110830	11/3/2023	11/4/2023	11/6/2023	5000	4.09		GTN - MALIN	FIXED	SELL
110832	11/3/2023	11/4/2023	11/6/2023	2500	4.1		GTN - MALIN	FIXED	SELL
110833	11/3/2023	11/4/2023	11/6/2023	5000	4.09		GTN - MALIN	FIXED	SELL
110835	11/3/2023	11/4/2023	11/6/2023	2500	4.1		GTN - MALIN	FIXED	SELL
110831	11/3/2023	11/4/2023	11/6/2023	2600	4.1		GTN - MALIN	FIXED	SELL
110824	11/3/2023	11/4/2023	11/6/2023	5000	3		GTN - KINGSGATE	FIXED	BUY
110828	11/3/2023	11/4/2023	11/6/2023	5000	4.09		GTN - MALIN	FIXED	SELL
110834	11/3/2023	11/4/2023	11/6/2023	5000	4.09		GTN - MALIN	FIXED	SELL
110826	11/3/2023	11/4/2023	11/6/2023	6600	3		GTN - KINGSGATE	FIXED	BUY
110827	11/3/2023	11/4/2023	11/6/2023	14000	2.59		ALBERTA - AECO/NIT	FIXED	BUY
110829	11/3/2023	11/4/2023	11/6/2023	10000	4.15		GTN - MALIN	FIXED	SELL

110825	11/3/2023	11/4/2023	11/6/2023	3700	3		GTN - KINGSGATE	FIXED	BUY
110839	11/5/2023	11/4/2023	11/4/2023	1900	2.55		ALBERTA - AECO/NIT	FIXED	BUY
110864	11/6/2023	11/5/2023	11/5/2023	1600	2.45		ALBERTA - AECO/NIT	FIXED	BUY
110855	11/6/2023	11/7/2023	11/7/2023	2700	2.8		GTN - KINGSGATE	FIXED	BUY
110856	11/6/2023	11/7/2023	11/7/2023	12600	2.75		GTN - KINGSGATE	FIXED	BUY
110860	11/6/2023	11/7/2023	11/7/2023	300	3.72		GTN - MALIN	FIXED	SELL
110859	11/6/2023	11/7/2023	11/7/2023	5000	3.7		GTN - MALIN	FIXED	SELL
110862	11/6/2023	11/7/2023	11/7/2023	1200	3.72		GTN - MALIN	FIXED	SELL
110858	11/6/2023	11/7/2023	11/7/2023	5000	3.7		GTN - MALIN	FIXED	SELL
110861	11/6/2023	11/7/2023	11/7/2023	3500	3.72		GTN - MALIN	FIXED	SELL
110857	11/6/2023	11/7/2023	11/7/2023	15600	2.39		ALBERTA - AECO/NIT	FIXED	BUY
110863	11/6/2023	11/7/2023	11/7/2023	5000	3.7		GTN - MALIN	FIXED	SELL
110891	11/7/2023	11/6/2023	11/6/2023	1600	2.19		ALBERTA - AECO/NIT	FIXED	BUY
110883	11/7/2023	11/8/2023	11/8/2023	900	2.65		GTN - MALIN	FIXED	SELL
110881	11/7/2023	11/8/2023	11/8/2023	8100	2.35		GTN - KINGSGATE	FIXED	BUY
110890	11/7/2023	11/8/2023	11/8/2023	5000	2.725		GTN - MALIN	FIXED	SELL
110885	11/7/2023	11/8/2023	11/8/2023	4000	2.7		GTN - MALIN	FIXED	SELL
110882	11/7/2023	11/8/2023	11/8/2023	15600	2.02		ALBERTA - AECO/NIT	FIXED	BUY
110886	11/7/2023	11/8/2023	11/8/2023	5000	2.7		GTN - MALIN	FIXED	SELL
110879	11/7/2023	11/8/2023	11/8/2023	2200	2.4		GTN - KINGSGATE	FIXED	BUY
110884	11/7/2023	11/8/2023	11/8/2023	5000	2.8		GTN - MALIN	FIXED	SELL
110889	11/7/2023	11/8/2023	11/8/2023	100	2.9		GTN - MALIN	FIXED	SELL
110880	11/7/2023	11/8/2023	11/8/2023	5000	2.5		GTN - KINGSGATE	FIXED	BUY
110888	11/7/2023	11/8/2023	11/8/2023	5000	2.7		GTN - MALIN	FIXED	SELL
110887	11/7/2023	11/8/2023	11/8/2023	5000	2.93		GTN - MALIN	FIXED	SELL
110914	11/8/2023	11/7/2023	11/7/2023	2200	2.2		ALBERTA - AECO/NIT	FIXED	SELL
110910	11/8/2023	11/9/2023	11/9/2023	5000	2.825		GTN - MALIN	FIXED	SELL
110912	11/8/2023	11/9/2023	11/9/2023	5000	2.84		GTN - MALIN	FIXED	SELL
110911	11/8/2023	11/9/2023	11/9/2023	5000	2.84		GTN - MALIN	FIXED	SELL
110907	11/8/2023	11/9/2023	11/9/2023	5000	2.85		GTN - MALIN	FIXED	SELL
110906	11/8/2023	11/9/2023	11/9/2023	13600	2.35		ALBERTA - AECO/NIT	FIXED	BUY
110904	11/8/2023	11/9/2023	11/9/2023	7200	2.35		GTN - KINGSGATE	FIXED	BUY
110908	11/8/2023	11/9/2023	11/9/2023	4000	2.84		GTN - MALIN	FIXED	SELL
110905	11/8/2023	11/9/2023	11/9/2023	8100	2.35		GTN - KINGSGATE	FIXED	BUY
110913	11/8/2023	11/9/2023	11/9/2023	11000	2.8		GTN - MALIN	FIXED	SELL
110909	11/8/2023	11/9/2023	11/9/2023	5000	2.8		GTN - MALIN	FIXED	SELL
110950	11/9/2023	11/8/2023	11/8/2023	3200	2.41		ALBERTA - AECO/NIT	FIXED	SELL
110948	11/9/2023	11/10/2023	11/13/2023	5000	2.85		GTN - MALIN	FIXED	SELL
110949	11/9/2023	11/10/2023	11/13/2023	5000	2.85		GTN - MALIN	FIXED	SELL
110947	11/9/2023	11/10/2023	11/13/2023	5000	2.85		GTN - MALIN	FIXED	SELL
110943	11/9/2023	11/10/2023	11/13/2023	13600	2.41		ALBERTA - AECO/NIT	FIXED	BUY
110941	11/9/2023	11/10/2023	11/13/2023	7100	2.35		GTN - KINGSGATE	FIXED	BUY
110946	11/9/2023	11/10/2023	11/13/2023	5000	2.91		GTN - MALIN	FIXED	SELL
110945	11/9/2023	11/10/2023	11/13/2023	5000	2.995		GTN - MALIN	FIXED	SELL
110944	11/9/2023	11/10/2023	11/13/2023	5000	2.85		GTN - MALIN	FIXED	SELL
110942	11/9/2023	11/10/2023	11/13/2023	8200	2.35		GTN - KINGSGATE	FIXED	BUY
110951	11/10/2023	11/9/2023	11/9/2023	1900	2.79		ALBERTA - AECO/NIT	FIXED	BUY
110952	11/11/2023	11/10/2023	11/10/2023	2000	2.55		ALBERTA - AECO/NIT	FIXED	BUY
110953	11/12/2023	11/11/2023	11/11/2023	2000	2.455		ALBERTA - AECO/NIT	FIXED	BUY
110978	11/13/2023	11/12/2023	11/12/2023	800	2.68		ALBERTA - AECO/NIT	FIXED	BUY
110971	11/13/2023	11/14/2023	11/14/2023	5000	2.2		GTN - KINGSGATE	FIXED	BUY
110967	11/13/2023	11/14/2023	11/14/2023	7200	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
110968	11/13/2023	11/14/2023	11/14/2023	300	2.2		GTN - KINGSGATE	FIXED	BUY
110974	11/13/2023	11/14/2023	11/14/2023	1900	4.95		GTN - MALIN	FIXED	SELL
110969	11/13/2023	11/14/2023	11/14/2023	5000	2.2		GTN - KINGSGATE	FIXED	BUY
110975	11/13/2023	11/14/2023	11/14/2023	5000	4.85		GTN - MALIN	FIXED	SELL
110970	11/13/2023	11/14/2023	11/14/2023	5000	2.2		GTN - KINGSGATE	FIXED	BUY
110973	11/13/2023	11/14/2023	11/14/2023	5000	4.8		GTN - MALIN	FIXED	SELL
110977	11/13/2023	11/14/2023	11/14/2023	5000	4.85		GTN - MALIN	FIXED	SELL
110976	11/13/2023	11/14/2023	11/14/2023	5000	4.85		GTN - MALIN	FIXED	SELL
110972	11/13/2023	11/14/2023	11/14/2023	3100	4.95		GTN - MALIN	FIXED	SELL
111004	11/14/2023	11/13/2023	11/13/2023	20000	2.5		ALBERTA - AECO/NIT	FIXED	SELL
111003	11/14/2023	11/14/2023	11/14/2023	3900	6.75		GTN - MALIN	FIXED	BUY
111000	11/14/2023	11/14/2023	11/14/2023	5000	6.75		GTN - MALIN	FIXED	BUY
111002	11/14/2023	11/14/2023	11/14/2023	1000	6.7		GTN - MALIN	FIXED	BUY
110997	11/14/2023	11/14/2023	11/14/2023	5000	6.75		GTN - MALIN	FIXED	BUY
110998	11/14/2023	11/14/2023	11/14/2023	5000	6.75		GTN - MALIN	FIXED	BUY
111001	11/14/2023	11/14/2023	11/14/2023	1000	6.5		GTN - MALIN	FIXED	BUY
110999	11/14/2023	11/14/2023	11/14/2023	5000	6.75		GTN - MALIN	FIXED	BUY
110994	11/14/2023	11/15/2023	11/15/2023	8000	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
110995	11/14/2023	11/15/2023	11/15/2023	3700	5.8		GTN - MALIN	FIXED	BUY
110996	11/14/2023	11/15/2023	11/15/2023	15300	2.25		GTN - KINGSGATE	FIXED	BUY
111027	11/15/2023	11/14/2023	11/14/2023	6900	2.77		ALBERTA - AECO/NIT	FIXED	SELL
111023	11/15/2023	11/16/2023	11/16/2023	14500	6.12		GTN - MALIN	FIXED	BUY
111018	11/15/2023	11/16/2023	11/16/2023	8000	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
111024	11/15/2023	11/16/2023	11/16/2023	10000	0	GD KINGSGATE	GTN - KINGSGATE	INDEX	BUY
111019	11/15/2023	11/16/2023	11/16/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
111025	11/15/2023	11/16/2023	11/16/2023	5300	0	GD KINGSGATE	GTN - KINGSGATE	INDEX	BUY
111026	11/15/2023	11/16/2023	11/16/2023	7643	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY

111021	11/15/2023	11/16/2023	11/16/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
111020	11/15/2023	11/16/2023	11/16/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
111022	11/15/2023	11/16/2023	11/16/2023	500	6.12		GTN - MALIN	FIXED	BUY
111055	11/16/2023	11/15/2023	11/15/2023	8700	2.94		ALBERTA - AECO/NIT	FIXED	SELL
111054	11/16/2023	11/17/2023	11/17/2023	5300	2.15		GTN - KINGSGATE	FIXED	BUY
111052	11/16/2023	11/17/2023	11/17/2023	1100	5.55		GTN - MALIN	FIXED	BUY
111045	11/16/2023	11/17/2023	11/17/2023	5000	5.86		GTN - MALIN	FIXED	BUY
111043	11/16/2023	11/17/2023	11/17/2023	3000	5.86		GTN - MALIN	FIXED	BUY
111044	11/16/2023	11/17/2023	11/17/2023	5000	5.86		GTN - MALIN	FIXED	BUY
111048	11/16/2023	11/17/2023	11/17/2023	1900	5.85		GTN - MALIN	FIXED	BUY
111050	11/16/2023	11/17/2023	11/17/2023	700	5.55		GTN - MALIN	FIXED	BUY
111053	11/16/2023	11/17/2023	11/17/2023	10000	0	GD KINGSGATE	GTN - KINGSGATE	INDEX	BUY
111040	11/16/2023	11/17/2023	11/17/2023	8000	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
111042	11/16/2023	11/17/2023	11/17/2023	2000	5.55		GTN - MALIN	FIXED	BUY
111051	11/16/2023	11/17/2023	11/17/2023	300	5.55		GTN - MALIN	FIXED	BUY
111049	11/16/2023	11/17/2023	11/17/2023	5000	5.6		GTN - MALIN	FIXED	BUY
111046	11/16/2023	11/17/2023	11/17/2023	5000	5.86		GTN - MALIN	FIXED	BUY
111041	11/16/2023	11/17/2023	11/17/2023	1500	5.86		GTN - MALIN	FIXED	BUY
111047	11/16/2023	11/17/2023	11/17/2023	3500	5.86		GTN - MALIN	FIXED	BUY
111069	11/17/2023	11/16/2023	11/16/2023	21000	2.36		ALBERTA - AECO/NIT	FIXED	SELL
111063	11/17/2023	11/18/2023	11/20/2023	5000	5.95		GTN - MALIN	FIXED	BUY
111061	11/17/2023	11/18/2023	11/20/2023	400	5.93		GTN - MALIN	FIXED	BUY
111066	11/17/2023	11/18/2023	11/20/2023	5000	5.88		GTN - MALIN	FIXED	BUY
111065	11/17/2023	11/18/2023	11/20/2023	600	5.88		GTN - MALIN	FIXED	BUY
111068	11/17/2023	11/18/2023	11/20/2023	5300	2		GTN - KINGSGATE	FIXED	BUY
111057	11/17/2023	11/18/2023	11/20/2023	5000	5.95		GTN - MALIN	FIXED	BUY
111058	11/17/2023	11/18/2023	11/20/2023	900	5.88		GTN - MALIN	FIXED	BUY
111067	11/17/2023	11/18/2023	11/20/2023	10000	0	GD KINGSGATE	GTN - KINGSGATE	INDEX	BUY
111060	11/17/2023	11/18/2023	11/20/2023	5000	5.8		GTN - MALIN	FIXED	BUY
111059	11/17/2023	11/18/2023	11/20/2023	5000	5.88		GTN - MALIN	FIXED	BUY
111062	11/17/2023	11/18/2023	11/20/2023	1100	5.93		GTN - MALIN	FIXED	BUY
111056	11/17/2023	11/18/2023	11/20/2023	8000	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
111064	11/17/2023	11/18/2023	11/20/2023	5000	5.72		GTN - MALIN	FIXED	BUY
111083	11/18/2023	11/17/2023	11/17/2023	21000	2.4		ALBERTA - AECO/NIT	FIXED	SELL
111086	11/18/2023	11/18/2023	11/18/2023	21000	2.45		ALBERTA - AECO/NIT	FIXED	SELL
111101	11/20/2023	11/19/2023	11/19/2023	32000	2.31		ALBERTA - AECO/NIT	FIXED	SELL
111093	11/20/2023	11/21/2023	11/21/2023	8000	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
111098	11/20/2023	11/21/2023	11/21/2023	5000	1.95		GTN - KINGSGATE	FIXED	BUY
111099	11/20/2023	11/21/2023	11/21/2023	5000	1.95		GTN - KINGSGATE	FIXED	BUY
111092	11/20/2023	11/21/2023	11/21/2023	3000	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY
111094	11/20/2023	11/21/2023	11/21/2023	10000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
111100	11/20/2023	11/21/2023	11/21/2023	5000	1.95		GTN - KINGSGATE	FIXED	BUY
111095	11/20/2023	11/21/2023	11/21/2023	2000	5.325		GTN - MALIN	FIXED	BUY
111096	11/20/2023	11/21/2023	11/21/2023	3000	5.325		GTN - MALIN	FIXED	BUY
111097	11/20/2023	11/21/2023	11/21/2023	200	1.95		GTN - KINGSGATE	FIXED	BUY
111109	11/21/2023	11/20/2023	11/20/2023	22300	2.33		ALBERTA - AECO/NIT	FIXED	SELL
111104	11/21/2023	11/22/2023	11/22/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
111106	11/21/2023	11/22/2023	11/22/2023	5000	4.985		GTN - MALIN	FIXED	BUY
111107	11/21/2023	11/22/2023	11/22/2023	13200	1.9		GTN - KINGSGATE	FIXED	BUY
111108	11/21/2023	11/22/2023	11/22/2023	2000	1.8		GTN - KINGSGATE	FIXED	BUY
111105	11/21/2023	11/22/2023	11/22/2023	5000	4.9		GTN - MALIN	FIXED	BUY
111123	11/22/2023	11/21/2023	11/21/2023	18800	2.6		ALBERTA - AECO/NIT	FIXED	SELL
111122	11/22/2023	11/22/2023	11/22/2023	23500	2.43		ALBERTA - AECO/NIT	FIXED	SELL
111118	11/22/2023	11/23/2023	11/27/2023	3600	4.1		GTN - MALIN	FIXED	BUY
111114	11/22/2023	11/23/2023	11/27/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
111121	11/22/2023	11/23/2023	11/27/2023	15200	2.12		GTN - KINGSGATE	FIXED	BUY
111115	11/22/2023	11/23/2023	11/27/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
111119	11/22/2023	11/23/2023	11/27/2023	5000	4.15		GTN - MALIN	FIXED	BUY
111116	11/22/2023	11/23/2023	11/27/2023	9300	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
111120	11/22/2023	11/23/2023	11/27/2023	3000	4.1		GTN - MALIN	FIXED	BUY
111117	11/22/2023	11/23/2023	11/27/2023	2600	4.05		GTN - MALIN	FIXED	BUY
111125	11/24/2023	11/23/2023	11/23/2023	21000	2.33		ALBERTA - AECO/NIT	FIXED	SELL
111126	11/24/2023	11/24/2023	11/24/2023	20000	2.33		ALBERTA - AECO/NIT	FIXED	SELL
111127	11/26/2023	11/25/2023	11/25/2023	23000	1.74		ALBERTA - AECO/NIT	FIXED	SELL
111145	11/27/2023	11/26/2023	11/26/2023	23000	2		ALBERTA - AECO/NIT	FIXED	SELL
111143	11/27/2023	11/28/2023	11/28/2023	12500	6.3		GTN - MALIN	FIXED	BUY
111146	11/27/2023	11/28/2023	11/28/2023	5000	6.15		GTN - MALIN	FIXED	BUY
111141	11/27/2023	11/28/2023	11/28/2023	8000	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
111144	11/27/2023	11/28/2023	11/28/2023	15200	2.1		GTN - KINGSGATE	FIXED	BUY
111142	11/27/2023	11/28/2023	11/28/2023	10000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
111175	11/28/2023	11/27/2023	11/27/2023	22000	2.34		ALBERTA - AECO/NIT	FIXED	SELL
111174	11/28/2023	11/29/2023	11/29/2023	15600	2.525		ALBERTA - AECO/NIT	FIXED	BUY
111173	11/28/2023	11/29/2023	11/29/2023	15300	2.2		GTN - KINGSGATE	FIXED	BUY
111171	11/28/2023	11/29/2023	11/29/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
111172	11/28/2023	11/29/2023	11/29/2023	5000	5.8		GTN - MALIN	FIXED	BUY
111169	11/28/2023	11/29/2023	11/29/2023	500	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
111170	11/28/2023	11/29/2023	11/29/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
111168	11/28/2023	11/29/2023	11/29/2023	8000	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
111209	11/29/2023	11/28/2023	11/28/2023	15000	2.43		ALBERTA - AECO/NIT	FIXED	BUY

111200	11/29/2023	11/30/2023	11/30/2023	6500	5.98		GTN - MALIN	FIXED	BUY
111199	11/29/2023	11/30/2023	11/30/2023	8005	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
111198	11/29/2023	11/30/2023	11/30/2023	7643	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY
111202	11/29/2023	11/30/2023	11/30/2023	5000	5.98		GTN - MALIN	FIXED	BUY
111204	11/29/2023	11/30/2023	11/30/2023	1500	5.98		GTN - MALIN	FIXED	BUY
111201	11/29/2023	11/30/2023	11/30/2023	5000	5.98		GTN - MALIN	FIXED	BUY
111207	11/29/2023	11/30/2023	11/30/2023	10300	2.25		GTN - KINGSGATE	FIXED	BUY
111203	11/29/2023	11/30/2023	11/30/2023	10000	5.985		GTN - MALIN	FIXED	BUY
111208	11/29/2023	11/30/2023	11/30/2023	15600	2.45		ALBERTA - AECO/NIT	FIXED	BUY
111205	11/29/2023	11/30/2023	11/30/2023	5000	5.95		GTN - MALIN	FIXED	BUY
111206	11/29/2023	11/30/2023	11/30/2023	5000	0	GD KINGSGATE	GTN - KINGSGATE	INDEX	BUY
111219	11/30/2023	12/1/2023	12/1/2023	1000	4.9		NWP - WY_POOL	FIXED	SELL
111216	11/30/2023	12/1/2023	12/1/2023	15300	2.3		GTN - KINGSGATE	FIXED	BUY
111210	11/30/2023	12/1/2023	12/1/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
111220	11/30/2023	12/1/2023	12/1/2023	2500	4.9		NWP - WY_POOL	FIXED	SELL
111218	11/30/2023	12/1/2023	12/1/2023	4000	4.9		NWP - WY_POOL	FIXED	SELL
111213	11/30/2023	12/1/2023	12/1/2023	5000	4.98		GTN - MALIN	FIXED	BUY
111211	11/30/2023	12/1/2023	12/1/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
111214	11/30/2023	12/1/2023	12/1/2023	5000	4.98		GTN - MALIN	FIXED	BUY
111217	11/30/2023	12/1/2023	12/1/2023	2164	2.45		ALBERTA - AECO/NIT	FIXED	BUY
111215	11/30/2023	12/1/2023	12/1/2023	5000	4.98		GTN - MALIN	FIXED	BUY
111212	11/30/2023	12/1/2023	12/1/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
111242	12/1/2023	12/2/2023	12/4/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
111241	12/1/2023	12/2/2023	12/4/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
111243	12/1/2023	12/2/2023	12/4/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
111244	12/1/2023	12/2/2023	12/4/2023	15300	2.25		GTN - KINGSGATE	FIXED	BUY
111245	12/1/2023	12/2/2023	12/4/2023	1600	2.31		ALBERTA - AECO/NIT	FIXED	BUY
111274	12/4/2023	12/5/2023	12/5/2023	100	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
111276	12/4/2023	12/5/2023	12/5/2023	1000	0	GD KINGSGATE	GTN - KINGSGATE	INDEX	BUY
111272	12/4/2023	12/5/2023	12/5/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
111269	12/4/2023	12/5/2023	12/5/2023	3144	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY
111278	12/4/2023	12/5/2023	12/5/2023	1636	2.18		ALBERTA - AECO/NIT	FIXED	BUY
111273	12/4/2023	12/5/2023	12/5/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
111277	12/4/2023	12/5/2023	12/5/2023	500	1.9		GTN - KINGSGATE	FIXED	BUY
111275	12/4/2023	12/5/2023	12/5/2023	9000	0	GD KINGSGATE	GTN - KINGSGATE	INDEX	BUY
111271	12/4/2023	12/5/2023	12/5/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
111270	12/4/2023	12/5/2023	12/5/2023	8005	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
111305	12/5/2023	12/6/2023	12/6/2023	1590	2.12		ALBERTA - AECO/NIT	FIXED	BUY
111309	12/5/2023	12/6/2023	12/6/2023	2500	4.15		GTN - STANDFIELD	FIXED	SELL
111311	12/5/2023	12/6/2023	12/6/2023	4100	4.12		GTN - MALIN	FIXED	SELL
111304	12/5/2023	12/6/2023	12/6/2023	15030	1.9		GTN - KINGSGATE	FIXED	BUY
111312	12/5/2023	12/6/2023	12/6/2023	5000	4.15		GTN - MALIN	FIXED	SELL
111307	12/5/2023	12/6/2023	12/6/2023	5000	4.21		GTN - STANDFIELD	FIXED	SELL
111310	12/5/2023	12/6/2023	12/6/2023	5000	4.2		GTN - STANDFIELD	FIXED	SELL
111306	12/5/2023	12/6/2023	12/6/2023	5000	4.21		GTN - STANDFIELD	FIXED	SELL
111308	12/5/2023	12/6/2023	12/6/2023	5000	4.2		GTN - STANDFIELD	FIXED	SELL
111317	12/6/2023	12/7/2023	12/7/2023	4000	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
111316	12/6/2023	12/7/2023	12/7/2023	3144	3.7		NWP - WY_POOL	FIXED	BUY
111318	12/6/2023	12/7/2023	12/7/2023	15030	1.8		GTN - KINGSGATE	FIXED	BUY
111319	12/6/2023	12/7/2023	12/7/2023	1590	2.1		ALBERTA - AECO/NIT	FIXED	BUY
111351	12/7/2023	12/7/2023	12/7/2023	5000	2.6		GTN - MALIN	FIXED	SELL
111352	12/7/2023	12/7/2023	12/7/2023	10000	2.55		GTN - MALIN	FIXED	SELL
111347	12/7/2023	12/8/2023	12/8/2023	4005	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
111349	12/7/2023	12/8/2023	12/8/2023	5000	1.8		GTN - KINGSGATE	FIXED	BUY
111346	12/7/2023	12/8/2023	12/8/2023	3144	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY
111350	12/7/2023	12/8/2023	12/8/2023	1500	1.92		ALBERTA - AECO/NIT	FIXED	BUY
111348	12/7/2023	12/8/2023	12/8/2023	10300	1.8		GTN - KINGSGATE	FIXED	BUY
111357	12/8/2023	12/9/2023	12/11/2023	1500	1.88		ALBERTA - AECO/NIT	FIXED	BUY
111356	12/8/2023	12/9/2023	12/11/2023	15030	1.65		GTN - KINGSGATE	FIXED	BUY
111355	12/8/2023	12/9/2023	12/11/2023	5000	3.05		GTN - MALIN	FIXED	BUY
111354	12/8/2023	12/9/2023	12/11/2023	4005	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
111371	12/11/2023	12/12/2023	12/12/2023	3144	2.78		NWP - WY_POOL	FIXED	BUY
111373	12/11/2023	12/12/2023	12/12/2023	10000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
111375	12/11/2023	12/12/2023	12/12/2023	5000	1.55		GTN - KINGSGATE	FIXED	BUY
111377	12/11/2023	12/12/2023	12/12/2023	1900	1.58		ALBERTA - AECO/NIT	FIXED	BUY
111376	12/11/2023	12/12/2023	12/12/2023	10032	1.5		GTN - KINGSGATE	FIXED	BUY
111374	12/11/2023	12/12/2023	12/12/2023	3800	3.7		GTN - MALIN	FIXED	BUY
111372	12/11/2023	12/12/2023	12/12/2023	4005	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
111415	12/12/2023	12/12/2023	12/12/2023	10000	4.05		GTN - MALIN	FIXED	BUY
111412	12/12/2023	12/13/2023	12/13/2023	6500	0	GD KINGSGATE	GTN - KINGSGATE	INDEX	BUY
111401	12/12/2023	12/13/2023	12/13/2023	3144	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY
111402	12/12/2023	12/13/2023	12/13/2023	4005	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
111406	12/12/2023	12/13/2023	12/13/2023	5000	3.925		GTN - MALIN	FIXED	BUY
111405	12/12/2023	12/13/2023	12/13/2023	10000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
111404	12/12/2023	12/13/2023	12/13/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
111407	12/12/2023	12/13/2023	12/13/2023	5000	3.925		GTN - MALIN	FIXED	BUY
111414	12/12/2023	12/13/2023	12/13/2023	1600	1.71		ALBERTA - AECO/NIT	FIXED	BUY
111403	12/12/2023	12/13/2023	12/13/2023	10000	4		PAIUTE - RENO LATERAL	FIXED	BUY
111410	12/12/2023	12/13/2023	12/13/2023	4500	3.95		GTN - MALIN	FIXED	BUY

111413	12/12/2023	12/13/2023	12/13/2023	7130	1.5		GTN - KINGSGATE	FIXED	BUY
111408	12/12/2023	12/13/2023	12/13/2023	3400	3.925		GTN - MALIN	FIXED	BUY
111409	12/12/2023	12/13/2023	12/13/2023	100	3.95		GTN - MALIN	FIXED	BUY
111411	12/12/2023	12/13/2023	12/13/2023	1400	0	GD KINGSGATE	GTN - KINGSGATE	INDEX	BUY
111427	12/13/2023	12/14/2023	12/14/2023	3000	3.86		GTN - MALIN	FIXED	BUY
111424	12/13/2023	12/14/2023	12/14/2023	5000	3.83		GTN - MALIN	FIXED	BUY
111422	12/13/2023	12/14/2023	12/14/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
111423	12/13/2023	12/14/2023	12/14/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
111421	12/13/2023	12/14/2023	12/14/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
111425	12/13/2023	12/14/2023	12/14/2023	5000	3.865		GTN - MALIN	FIXED	BUY
111420	12/13/2023	12/14/2023	12/14/2023	4000	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
111428	12/13/2023	12/14/2023	12/14/2023	2200	0	GD KINGSGATE	GTN - KINGSGATE	INDEX	BUY
111419	12/13/2023	12/14/2023	12/14/2023	3144	3.8		NWP - WY_POOL	FIXED	BUY
111429	12/13/2023	12/14/2023	12/14/2023	12830	1.45		GTN - KINGSGATE	FIXED	BUY
111426	12/13/2023	12/14/2023	12/14/2023	5000	3.85		GTN - MALIN	FIXED	BUY
111430	12/13/2023	12/14/2023	12/14/2023	1500	1.67		ALBERTA - AECO/NIT	FIXED	BUY
111458	12/14/2023	12/15/2023	12/15/2023	1500	1.67		ALBERTA - AECO/NIT	FIXED	BUY
111457	12/14/2023	12/15/2023	12/15/2023	13130	1.45		GTN - KINGSGATE	FIXED	BUY
111455	12/14/2023	12/15/2023	12/15/2023	4000	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
111445	12/14/2023	12/15/2023	12/15/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
111459	12/14/2023	12/15/2023	12/15/2023	12000	3.25		PAIUTE - RENO LATERAL	FIXED	BUY
111456	12/14/2023	12/15/2023	12/15/2023	6900	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
111451	12/14/2023	12/15/2023	12/15/2023	1900	0	GD KINGSGATE	GTN - KINGSGATE	INDEX	BUY
111446	12/14/2023	12/15/2023	12/15/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
111454	12/14/2023	12/15/2023	12/15/2023	3144	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY
111450	12/14/2023	12/15/2023	12/15/2023	100	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
111453	12/14/2023	12/15/2023	12/15/2023	5000	3.595		GTN - MALIN	FIXED	BUY
111448	12/14/2023	12/15/2023	12/15/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
111452	12/14/2023	12/15/2023	12/15/2023	1000	3.595		GTN - MALIN	FIXED	BUY
111493	12/15/2023	12/15/2023	12/15/2023	7500	1.76		ALBERTA - AECO/NIT	FIXED	SELL
111473	12/15/2023	12/16/2023	12/18/2023	3144	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY
111475	12/15/2023	12/16/2023	12/18/2023	5000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
111477	12/15/2023	12/16/2023	12/18/2023	5000	3.65		GTN - MALIN	FIXED	BUY
111478	12/15/2023	12/16/2023	12/18/2023	15030	1.5		GTN - KINGSGATE	FIXED	BUY
111479	12/15/2023	12/16/2023	12/18/2023	1500	1.75		ALBERTA - AECO/NIT	FIXED	BUY
111476	12/15/2023	12/16/2023	12/18/2023	10000	0	GD MALIN NOVA	GTN - MALIN	INDEX	BUY
111474	12/15/2023	12/16/2023	12/18/2023	4000	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
111495	12/16/2023	12/15/2023	12/15/2023	1000	1.75		ALBERTA - AECO/NIT	FIXED	BUY
111499	12/17/2023	12/16/2023	12/16/2023	5000	1.8		ALBERTA - AECO/NIT	FIXED	SELL
111520	12/18/2023	12/17/2023	12/17/2023	7300	1.81		ALBERTA - AECO/NIT	FIXED	SELL
111518	12/18/2023	12/18/2023	12/18/2023	1517	2.3		NWP - ROCKY MOUNTAIN POOL	FIXED	SELL
111519	12/18/2023	12/18/2023	12/18/2023	1000	2.3		NWP - ROCKY MOUNTAIN POOL	FIXED	SELL
111516	12/18/2023	12/19/2023	12/19/2023	12500	3.15		PAIUTE - OPAL VALLEY	FIXED	BUY
111514	12/18/2023	12/19/2023	12/19/2023	3144	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY
111515	12/18/2023	12/19/2023	12/19/2023	4005	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
111517	12/18/2023	12/19/2023	12/19/2023	15300	1.62		GTN - KINGSGATE	FIXED	BUY
111541	12/19/2023	12/18/2023	12/18/2023	8200	1.5		ALBERTA - AECO/NIT	FIXED	SELL
111540	12/19/2023	12/19/2023	12/19/2023	1000	2.15		NWP - ROCKY MOUNTAIN POOL	FIXED	SELL
111539	12/19/2023	12/19/2023	12/19/2023	1019	2.15		NWP - ROCKY MOUNTAIN POOL	FIXED	SELL
111534	12/19/2023	12/20/2023	12/20/2023	10000	3.2		PAIUTE - OPAL VALLEY	FIXED	BUY
111538	12/19/2023	12/20/2023	12/20/2023	5000	1.49		GTN - KINGSGATE	FIXED	BUY
111533	12/19/2023	12/20/2023	12/20/2023	4005	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
111537	12/19/2023	12/20/2023	12/20/2023	5000	1.49		GTN - KINGSGATE	FIXED	BUY
111532	12/19/2023	12/20/2023	12/20/2023	3144	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY
111536	12/19/2023	12/20/2023	12/20/2023	5000	1.49		GTN - KINGSGATE	FIXED	BUY
111535	12/19/2023	12/20/2023	12/20/2023	300	1.49		GTN - KINGSGATE	FIXED	BUY
111558	12/20/2023	12/19/2023	12/19/2023	6700	1.66		ALBERTA - AECO/NIT	FIXED	SELL
111557	12/20/2023	12/20/2023	12/20/2023	1000	2.105		NWP - ROCKY MOUNTAIN POOL	FIXED	SELL
111553	12/20/2023	12/21/2023	12/21/2023	4005	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
111555	12/20/2023	12/21/2023	12/21/2023	1600	1.67		ALBERTA - AECO/NIT	FIXED	BUY
111556	12/20/2023	12/21/2023	12/21/2023	5000	3.05		GTN - MALIN	FIXED	SELL
111554	12/20/2023	12/21/2023	12/21/2023	15300	1.55		GTN - KINGSGATE	FIXED	BUY
111552	12/20/2023	12/21/2023	12/21/2023	3144	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY
111571	12/21/2023	12/21/2023	12/21/2023	1400	2.15		NWP - ROCKY MOUNTAIN POOL	FIXED	SELL
111572	12/21/2023	12/21/2023	12/21/2023	1000	2.15		NWP - ROCKY MOUNTAIN POOL	FIXED	SELL
111570	12/21/2023	12/22/2023	12/22/2023	1600	1.67		ALBERTA - AECO/NIT	FIXED	BUY
111567	12/21/2023	12/22/2023	12/22/2023	1000	1.45		GTN - KINGSGATE	FIXED	BUY
111569	12/21/2023	12/22/2023	12/22/2023	13300	1.4		GTN - KINGSGATE	FIXED	BUY
111568	12/21/2023	12/22/2023	12/22/2023	1000	1.42		GTN - KINGSGATE	FIXED	BUY
111566	12/21/2023	12/22/2023	12/22/2023	4005	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
111565	12/21/2023	12/22/2023	12/22/2023	3144	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY
111589	12/22/2023	12/23/2023	12/26/2023	4005	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
111584	12/22/2023	12/23/2023	12/26/2023	300	1.3		GTN - KINGSGATE	FIXED	BUY
111585	12/22/2023	12/23/2023	12/26/2023	5000	1.3		GTN - KINGSGATE	FIXED	BUY
111590	12/22/2023	12/23/2023	12/26/2023	1600	1.51		ALBERTA - AECO/NIT	FIXED	BUY
111586	12/22/2023	12/23/2023	12/26/2023	5000	1.3		GTN - KINGSGATE	FIXED	BUY
111588	12/22/2023	12/23/2023	12/26/2023	3144	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY
111587	12/22/2023	12/23/2023	12/26/2023	5000	1.3		GTN - KINGSGATE	FIXED	BUY
111605	12/26/2023	12/27/2023	12/27/2023	4005	0	GD SUMAS	NWP - SUMAS	INDEX	BUY

111604	12/26/2023	12/27/2023	12/27/2023	3144	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY
111606	12/26/2023	12/27/2023	12/27/2023	15300	1.55		GTN - KINGSGATE	FIXED	BUY
111607	12/26/2023	12/27/2023	12/27/2023	1600	1.58		ALBERTA - AECO/NIT	FIXED	BUY
111629	12/27/2023	12/27/2023	12/27/2023	5000	2.67		GTN - MALIN	FIXED	SELL
111630	12/27/2023	12/27/2023	12/27/2023	5000	2.67		GTN - MALIN	FIXED	SELL
111628	12/27/2023	12/27/2023	12/27/2023	5000	2.67		GTN - MALIN	FIXED	SELL
111627	12/27/2023	12/28/2023	12/28/2023	5000	2.63		GTN - MALIN	FIXED	SELL
111622	12/27/2023	12/28/2023	12/28/2023	1600	1.65		ALBERTA - AECO/NIT	FIXED	BUY
111624	12/27/2023	12/28/2023	12/28/2023	100	2.605		GTN - MALIN	FIXED	SELL
111625	12/27/2023	12/28/2023	12/28/2023	9900	2.605		GTN - MALIN	FIXED	SELL
111626	12/27/2023	12/28/2023	12/28/2023	3000	2.63		GTN - MALIN	FIXED	SELL
111620	12/27/2023	12/28/2023	12/28/2023	4000	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
111619	12/27/2023	12/28/2023	12/28/2023	3144	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY
111621	12/27/2023	12/28/2023	12/28/2023	15300	1.45		GTN - KINGSGATE	FIXED	BUY
111623	12/27/2023	12/28/2023	12/28/2023	10000	2.615		GTN - MALIN	FIXED	SELL
111644	12/28/2023	12/29/2023	12/31/2023	15300	1.48		GTN - KINGSGATE	FIXED	BUY
111643	12/28/2023	12/29/2023	12/31/2023	4000	0	GD SUMAS	NWP - SUMAS	INDEX	BUY
111647	12/28/2023	12/29/2023	12/31/2023	5000	2.46		GTN - MALIN	FIXED	SELL
111642	12/28/2023	12/29/2023	12/31/2023	3144	0	GD NW WYOMING PO	NWP - WY_POOL	INDEX	BUY
111645	12/28/2023	12/29/2023	12/31/2023	1600	1.66		ALBERTA - AECO/NIT	FIXED	BUY
111646	12/28/2023	12/29/2023	12/31/2023	5000	2.48		GTN - MALIN	FIXED	SELL

EXHIBIT ATKINS-DIRECT-8



**Nevada Power Company and Sierra Pacific Power Company d/b/a NV Energy
Request for Proposals
NS 2021-17**

Nevada Power Company and Sierra Pacific Power Company ("Sierra Pacific") d/b/a NV Energy is seeking to purchase fixed price firm electric energy products for June-September 2022 and June-September 2023. The deadline for offer submission is **Wednesday, October 13, 2021 at 9:00am Pacific Prevailing Time**. NV Energy expects to transact within three (3) hours of its receipt of the offers. Participants are encouraged to hold their offers during that period.

Please submit your proposals on the enclosed offer submittal form to PowerRFP@nvenergy.com.

NV Energy seeks proposals for the following products, subject to the applicable contractual Terms and Conditions in place with each offering entity:

Product 1: June 2022 through September 2022: A purchase of up to 150 MW of fixed price firm electric energy with a term of one month or longer, Super Peak Hours (6x8, Mon-Sat HE 1300-HE 2000, NERC holidays Excluded).

Product 2: July 2022 through August 2022: A purchase of up to 150 MW of fixed price firm electric energy with a term of one month or longer, 7x16 Peak Hours (7x16, Mon-Sun HE 0700-HE 2200, NERC holidays Included).

Product 3: June 2023 through September 2023: A purchase of up to 250 MW of fixed price firm electric energy with a term of one month or longer, Super Peak Hours (6x8, Mon-Sat HE 1300-HE 2000, NERC holidays Excluded).

Sources: This RFP is for standard firm power; however non-CAISO sourced generation will be given special consideration. Non-conforming products will be considered for non-CAISO sources.

Delivery Point: 2022: The acceptable delivery points are Palo Verde 500kV, Eldorado 230kV, McCullough 230 kV, McCullough 500 kV, Mead 230 kV, Navajo 500 kV, or Red Butte.

2023: The acceptable delivery points are Eldorado 230kV, McCullough 230 kV, McCullough 500 kV, Mead 230 kV, Navajo 500 kV, or Red Butte.

Minimum Offer: All offers should be in blocks of 25 MW with a minimum of 25 MW

Time Zone

Designation: All references made herein to specific times refer to Pacific Prevailing Time

For questions regarding this RFP, please contact Michael Holland at michael.holland@nvenergy.com.

If selected, the credit terms of your existing Master Trading Agreement with NV Energy will apply. For questions regarding credit, payment provisions, or related matters, please contact Jenny Venter at 702-402-5109 or jenny.venter@nvenergy.com.

For questions regarding contracts or related matters, please contact Cynthia Alejandre at Cynthia.Alejandre@nvenergy.com (702) 402-6085, or Timothy Troy at timothy.troy@nvenergy.com.

NV Energy will award winning proposals via a recorded telephone line to successful counterparty and will execute written confirmations in accordance with the applicable Master Trading Agreement. Confirmations should be sent to npc_power_confirms@nvenergy.com.

NV Energy reserves the right to revise, suspend or terminate this RFP or any portion thereof, to accept any offer and to reject any or all offers at its sole discretion, without notice and without assigning any reasons therefore. **NV Energy is under no obligation to accept any proposal from any respondent to this RFP.**

You are solely responsible for all costs incurred in developing your proposal, and if applicable, leading to an actual executed agreement. Any materials provided to NV Energy will become the property of NV Energy and will not be returned to you.

If you mark any portion of your proposal as confidential, NV Energy will exercise reasonable efforts to protect such information from disclosure. However, you are advised that such information may be made available under applicable laws and regulations or to regulatory commissions, their staffs or other governmental agencies having an interest in this matter. NV Energy also reserves the right to disclose such information to its agents and contractors for evaluation purposes, but they shall be required to observe the same degree of care with respect to disclosure as NV Energy. Under no circumstances shall NV Energy, its affiliates, subsidiaries or parent companies, their directors, officers, employees, agents or contractors be liable to you or any party for any damages resulting from disclosure of your claimed confidential information or for any act or omission resulting from or arising under this RFP.

By submitting your proposal, you waive any right to challenge any valuation of any proposal of yours or any determination of NV Energy to select or reject any proposal of yours or take any action contemplated by this RFP, including any right you may have to intervene in any regulatory proceeding for the purpose of protesting the selection or rejection of any proposal, any other decision of NV Energy contemplated by this RFP or any resulting agreement related to a selected proposal. By submitting your proposal, you irrevocably agree and acknowledge that you are making your proposal subject to and in agreement with the terms of this RFP and agree that NV Energy shall be entitled to specific performance of its rights hereunder and such other injunctive or equitable relief as may be appropriate.

Thank you for your continued interest and participation.

Attachment: Offer Submittal Form



**Nevada Power Company and Sierra Pacific Power Company d/b/a NV Energy
Request for Proposals
NS 2022-2**

Nevada Power Company and Sierra Pacific Power Company ("Sierra Pacific") d/b/a NV Energy is seeking to purchase fixed price firm electric energy products for June-September 2022 and June-September 2023. The deadline for offer submission is **Wednesday, January 26, 2022, at 9:00am Pacific Prevailing Time**. NV Energy expects to transact within three (3) hours of its receipt of the offers. Participants are encouraged to hold their offers during that period.

Please submit your proposals on the enclosed offer submittal form to PowerRFP@nvenergy.com.

NV Energy seeks proposals for the following products, subject to the applicable contractual Terms and Conditions in place with each offering entity:

Product 1: June 2022 through September 2022: A purchase of up to 500 MW of fixed price firm electric energy with a term of one month or longer, 7x16 Peak Hours (7x16, Mon-Sun HE 0700-HE 2200, NERC holidays Included).

Product 2: June 2023 through September 2023: A purchase of up to 500 MW of fixed price firm electric energy with a term of one month or longer, 7x16 Peak Hours (7x16, Mon-Sun HE 0700-HE 2200, NERC holidays Included).

Sources: This RFP is for standard firm power; however non-CAISO sourced generation will be given special consideration. Non-conforming products will be considered for non-CAISO sources.

Delivery Point: 2022: The acceptable delivery points are Palo Verde 500kV, Eldorado 230kV, McCullough 230 kV, McCullough 500 kV, Mead 230 kV, Mead 500kV, Navajo 500 kV, or Red Butte.

2023: The acceptable delivery points are Eldorado 230kV, McCullough 230 kV, McCullough 500 kV, Mead 230 kV, Mead 500kV, Navajo 500 kV, or Red Butte.

Minimum Offer: All offers should be in blocks of 25 MW with a minimum of 25 MW

Time Zone

Designation: All references made herein to specific times refer to Pacific Prevailing Time

For questions regarding this RFP, please contact Michael Holland at michael.holland@nvenergy.com.

If selected, the credit terms of your existing Master Trading Agreement with NV Energy will apply. For questions regarding credit, payment provisions, or related matters, please contact Jenny Venter at 702-402-5109 or jenny.venter@nvenergy.com.

For questions regarding contracts or related matters, please contact Cynthia Alejandre at Cynthia.Alejandre@nvenergy.com (702) 402-6085, or Timothy Troy at timothy.troy@nvenergy.com.

NV Energy will award winning proposals via a recorded telephone line to successful counterparty and will execute written confirmations in accordance with the applicable Master Trading Agreement. Confirmations should be sent to npc_power_confirms@nvenergy.com.

NV Energy reserves the right to revise, suspend or terminate this RFP or any portion thereof, to accept any offer and to reject any or all offers at its sole discretion, without notice and without assigning any reasons therefore. **NV Energy is under no obligation to accept any proposal from any respondent to this RFP.**

You are solely responsible for all costs incurred in developing your proposal, and if applicable, leading to an actual executed agreement. Any materials provided to NV Energy will become the property of NV Energy and will not be returned to you.

If you mark any portion of your proposal as confidential, NV Energy will exercise reasonable efforts to protect such information from disclosure. However, you are advised that such information may be made available under applicable laws and regulations or to regulatory commissions, their staffs or other governmental agencies having an interest in this matter. NV Energy also reserves the right to disclose such information to its agents and contractors for evaluation purposes, but they shall be required to observe the same degree of care with respect to disclosure as NV Energy. Under no circumstances shall NV Energy, its affiliates, subsidiaries or parent companies, their directors, officers, employees, agents or contractors be liable to you or any party for any damages resulting from disclosure of your claimed confidential information or for any act or omission resulting from or arising under this RFP.

By submitting your proposal, you waive any right to challenge any valuation of any proposal of yours or any determination of NV Energy to select or reject any proposal of yours or take any action contemplated by this RFP, including any right you may have to intervene in any regulatory proceeding for the purpose of protesting the selection or rejection of any proposal, any other decision of NV Energy contemplated by this RFP or any resulting agreement related to a selected proposal. By submitting your proposal, you irrevocably agree and acknowledge that you are making your proposal subject to and in agreement with the terms of this RFP and agree that NV Energy shall be entitled to specific performance of its rights hereunder and such other injunctive or equitable relief as may be appropriate.

Thank you for your continued interest and participation.

Attachment: Offer Submittal Form



**Nevada Power Company and Sierra Pacific Power Company d/b/a NV Energy
Request for Proposals ("RFP")
NS 2022-5**

Nevada Power Company and Sierra Pacific Power Company d/b/a NV Energy ("NV Energy") is seeking to purchase firm electric energy products for June-August 2023 and June-August 2024. The deadline for offer submission is **Thursday, November 3, 2022, at 9:00am Pacific Prevailing Time**. NV Energy expects to transact within three (3) hours of its receipt of the offers. Participants are encouraged to hold their offers during that period.

Please submit your proposals on the enclosed offer submittal form to PowerRFP@nvenergy.com.

NV Energy seeks proposals for the following products, subject to the applicable contractual Terms and Conditions in place with each offering entity:

- Product 1:** A purchase of up to 200 MW of fixed price or Index Price firm electric energy with a term of one month or longer, of energy sourced outside of the California ISO ("CAISO") Balancing Authority Area ("BAA") and not wheeled through the CAISO BAA.
- Product 2:** A purchase of up to 200 MW of fixed price or Index Price firm electric energy with a term of one month or longer, of energy sourced outside of the CAISO BAA and any transmission through the CAISO BAA is on a "high-priority wheel."
- Product 3:** A purchase of up to 200 MW of fixed price or Index Price firm electric energy with a term of one month or longer, of not source specific generation or transmission specific.
- Index Price:** CAISO DAM Mead:
The average of all hourly "published prices" that are representative of a Shape's time horizon, where "published prices" are defined as the CAISO's Day-Ahead Market Locational Marginal Price at the "MEADS_2_N101" node as published in the CAISO's Open Access Same-time Information System ("OASIS") at the time of settlement.
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Hour-Ending ("HE") 07-HE 22, Monday-Sunday, NERC holidays included (7x16)
HE 01-HE 06, HE 15-HE 24, Monday-Sunday, NERC holidays included (7x16)
HE 13-HE 20, Monday-Sunday, NERC holidays included (7x8)
HE 15-HE 22, Monday-Sunday, NERC holidays included (7x8)
HE 18-HE 21, Monday-Sunday, NERC holidays included (7x4)
- Sources:** This RFP is for standard firm power; however non-CAISO sourced generation will be given special consideration. Non-conforming products will be considered for non-CAISO sources.
- Delivery Point:** 2023: The acceptable delivery points are Palo Verde 500kV, Eldorado 230kV, McCullough 230 kV, McCullough 500 kV, Mead 230 kV, Mead 500kV, Navajo 500 kV, or Red Butte.

2024: The acceptable delivery points are Eldorado 230kV, McCullough 230 kV, McCullough 500 kV, Mead 230 kV, Mead 500kV, Navajo 500 kV, or Red Butte.

Minimum Offer: All offers should be in blocks of 25 MW with a minimum of 25 MW

Time Zone

Designation: All references made herein to specific times refer to Pacific Prevailing Time

For questions regarding this RFP, please contact PowerRFP@nvenergy.com.

If selected, the credit terms of your existing Master Trading Agreement with NV Energy will apply. For questions regarding credit, payment provisions, or related matters, please contact Jenny Venter at 702-402-5109 or Jenny.Venter@nvenergy.com.

For questions regarding contracts or related matters, please contact Edgar Patino at Edgar.Patino@nvenergy.com (702) 402-5747, or Yeimi Montes-Gonzalez at Yeimi.Montes-Gonzalez@nvenergy.com.

NV Energy will award winning proposals via a recorded telephone line to successful counterparty and will execute written confirmations in accordance with the applicable Master Trading Agreement. Confirmations should be sent to npc_power_confirms@nvenergy.com.

NV Energy reserves the right to revise, suspend or terminate this RFP or any portion thereof, to accept any offer and to reject any or all offers at its sole discretion, without notice and without assigning any reasons therefore. **NV Energy is under no obligation to accept any proposal from any respondent to this RFP.**

You are solely responsible for all costs incurred in developing your proposal, and if applicable, leading to an actual executed agreement. Any materials provided to NV Energy will become the property of NV Energy and will not be returned to you.

If you mark any portion of your proposal as confidential, NV Energy will exercise reasonable efforts to protect such information from disclosure. However, you are advised that such information may be made available under applicable laws and regulations or to regulatory commissions, their staffs or other governmental agencies having an interest in this matter. NV Energy also reserves the right to disclose such information to its agents and contractors for evaluation purposes, but they shall be required to observe the same degree of care with respect to disclosure as NV Energy. Under no circumstances shall NV Energy, its affiliates, subsidiaries or parent companies, their directors, officers, employees, agents or contractors be liable to you or any party for any damages resulting from disclosure of your claimed confidential information or for any act or omission resulting from or arising under this RFP.

By submitting your proposal, you waive any right to challenge any valuation of any proposal of yours or any determination of NV Energy to select or reject any proposal of yours or take any action contemplated by this RFP, including any right you may have to intervene in any regulatory proceeding for the purpose of protesting the selection or rejection of any proposal, any other decision of NV Energy contemplated by this RFP or any resulting agreement related to a selected proposal. By submitting your proposal, you irrevocably agree and acknowledge that you are making your proposal subject to and in agreement with the terms of this RFP and agree that NV Energy shall be entitled to specific performance of its rights hereunder and such other injunctive or equitable relief as may be appropriate.

Thank you for your continued interest and participation.

Attachment: Offer Submittal Form



**Nevada Power Company and Sierra Pacific Power Company d/b/a NV Energy
Request for Proposals ("RFP")
NS 2023-1**

Nevada Power Company and Sierra Pacific Power Company d/b/a NV Energy ("NV Energy") is seeking to purchase firm electric energy products for June-September 2023 and June-September 2024. The deadline for offer submission is **Thursday, February 9, 2023, at 9:00am Pacific Prevailing Time**. NV Energy expects to transact within three (3) hours of its receipt of the offers. Participants are encouraged to hold their offers during that period.

Please submit your proposals on the enclosed offer submittal form to PowerRFP@nvenergy.com.

NV Energy seeks proposals for the following products, subject to the applicable contractual Terms and Conditions in place with each offering entity:

- Product 1:** A purchase of up to 200 MW of fixed price or Index Price firm electric energy with a term of one month or longer, of energy sourced outside of the California ISO ("CAISO") Balancing Authority Area ("BAA") and not wheeled through the CAISO BAA.
- Product 2:** A purchase of up to 200 MW of fixed price or Index Price firm electric energy with a term of one month or longer, of energy sourced outside of the CAISO BAA and any transmission through the CAISO BAA is on a "high-priority wheel."
- Product 3:** A purchase of up to 200 MW of fixed price or Index Price firm electric energy with a term of one month or longer, of not source specific generation or transmission specific.
- Index Price:** CAISO DAM Mead:
The average of all hourly "published prices" that are representative of a Shape's time horizon, where "published prices" are defined as the CAISO's Day-Ahead Market Locational Marginal Price at the "MEADS_2_N101" node as published in the CAISO's Open Access Same-time Information System ("OASIS") at the time of settlement.
- Shape:** The following Shapes will be considered in this RFP:
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HE 01-HE 06, HE 15-HE 24, Monday-Sunday, NERC holidays included (7x16)
HE 13-HE 20, Monday-Sunday, NERC holidays included (7x8)
HE 15-HE 22, Monday-Sunday, NERC holidays included (7x8)
HE 18-HE 21, Monday-Sunday, NERC holidays included (7x4)
- Sources:** This RFP is for standard firm power; however non-CAISO sourced generation will be given special consideration. Non-conforming products will be considered for non-CAISO sources.
- Delivery Point:** 2023: The acceptable delivery points are Palo Verde 500kV, Eldorado 230kV, McCullough 230kV, McCullough 500kV, Mead 230kV, Mead 500kV, Navajo 500kV, or Red Butte.

2024: The acceptable delivery points are Eldorado 230kV, McCullough 230kV, McCullough 500kV, Mead 230kV, Mead 500kV, Navajo 500kV, or Red Butte.

Minimum Offer: All offers should be in blocks of 25 MW with a minimum of 25 MW

Time Zone

Designation: All references made herein to specific times refer to Pacific Prevailing Time

For questions regarding this RFP, please contact PowerRFP@nvenergy.com.

If selected, the credit terms of your existing Master Trading Agreement with NV Energy will apply. For questions regarding credit, payment provisions, or related matters, please contact Jenny Venter at 702-235-6042 or Jenny.Venter@nvenergy.com.

For questions regarding contracts or related matters, please contact Yeimi Montes-Gonzalez at Yeimi.Montes-Gonzalez@nvenergy.com, (702) 402-6088, or Kalli Mlekush at Kalli.Mlekush@nvenergy.com.

NV Energy will award winning proposals via a recorded telephone line or via ICE Chat to successful counterparty and will execute written confirmations in accordance with the applicable Master Trading Agreement. Confirmations should be sent to npc_power_confirms@nvenergy.com.

NV Energy reserves the right to revise, suspend or terminate this RFP or any portion thereof, to accept any offer and to reject any or all offers at its sole discretion, without notice and without assigning any reasons therefore. **NV Energy is under no obligation to accept any proposal from any respondent to this RFP.**

You are solely responsible for all costs incurred in developing your proposal, and if applicable, leading to an actual executed agreement. Any materials provided to NV Energy will become the property of NV Energy and will not be returned to you.

If you mark any portion of your proposal as confidential, NV Energy will exercise reasonable efforts to protect such information from disclosure. However, you are advised that such information may be made available under applicable laws and regulations or to regulatory commissions, their staffs or other governmental agencies having an interest in this matter. NV Energy also reserves the right to disclose such information to its agents and contractors for evaluation purposes, but they shall be required to observe the same degree of care with respect to disclosure as NV Energy. Under no circumstances shall NV Energy, its affiliates, subsidiaries or parent companies, their directors, officers, employees, agents or contractors be liable to you or any party for any damages resulting from disclosure of your claimed confidential information or for any act or omission resulting from or arising under this RFP.

By submitting your proposal, you waive any right to challenge any valuation of any proposal of yours or any determination of NV Energy to select or reject any proposal of yours or take any action contemplated by this RFP, including any right you may have to intervene in any regulatory proceeding for the purpose of protesting the selection or rejection of any proposal, any other decision of NV Energy contemplated by this RFP or any resulting agreement related to a selected proposal. By submitting your proposal, you irrevocably agree and acknowledge that you are making your proposal subject to and in agreement with the terms of this RFP and agree that NV Energy shall be entitled to specific performance of its rights hereunder and such other injunctive or equitable relief as may be appropriate.

Thank you for your continued interest and participation.

Attachment: Offer Submittal Form



**Nevada Power Company and Sierra Pacific Power Company d/b/a NV Energy
Request for Proposals ("RFP")
NS 2023-2**

Nevada Power Company and Sierra Pacific Power Company d/b/a NV Energy ("NV Energy") is seeking to purchase firm electric energy products for June-September 2023. The deadline for offer submission is **Thursday, April 13, 2023, at 10:00 am Pacific Prevailing Time**. NV Energy expects to transact within three (3) hours of its receipt of the offers. Participants are encouraged to hold their offers during that period.

Please submit your proposals on the enclosed offer submittal form to PowerRFP@nvenergy.com.

NV Energy seeks proposals for the following products, subject to the applicable contractual Terms and Conditions in place with each offering entity:

- Product 1:** A purchase of up to 200 MW of fixed price or Index Price firm electric energy with a term of one month or longer, of energy sourced outside of the California ISO ("CAISO") Balancing Authority Area ("BAA") and not wheeled through the CAISO BAA.
- Product 2:** A purchase of up to 200 MW of fixed price or Index Price firm electric energy with a term of one month or longer, of energy sourced outside of the CAISO BAA and any transmission through the CAISO BAA is on a "high-priority wheel."
- Product 3:** A purchase of up to 200 MW of fixed price or Index Price firm electric energy with a term of one month or longer, of not source specific generation or transmission specific.
- Index Price:** CAISO DAM Mead:
The average of all hourly "published prices" that are representative of a Shape's time horizon, where "published prices" are defined as the CAISO's Day-Ahead Market Locational Marginal Price at the "MEADS_2_N101" node as published in the CAISO's Open Access Same-time Information System ("OASIS") at the time of settlement.
- Shape:** The following Shapes will be considered in this RFP:
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Minimum Offer: All offers should be in blocks of 25 MW with a minimum of 25 MW

Time Zone

Designation: All references made herein to specific times refer to Pacific Prevailing Time

For questions regarding this RFP, please contact PowerRFP@nvenergy.com.

If selected, the credit terms of your existing Master Trading Agreement with NV Energy will apply. For questions regarding credit, payment provisions, or related matters, please contact Jenny Venter at 702-235-6042 or Jenny.Venter@nvenergy.com.

For questions regarding contracts or related matters, please email contractmanagement@nvenergy.com.

NV Energy will award winning proposals via a recorded telephone line or via ICE Chat to successful counterparty and will execute written confirmations in accordance with the applicable Master Trading Agreement. Confirmations should be sent to npc_power_confirms@nvenergy.com.

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By submitting your proposal, you waive any right to challenge any valuation of any proposal of yours or any determination of NV Energy to select or reject any proposal of yours or take any action contemplated by this RFP, including any right you may have to intervene in any regulatory proceeding for the purpose of protesting the selection or rejection of any proposal, any other decision of NV Energy contemplated by this RFP or any resulting agreement related to a selected proposal. By submitting your proposal, you irrevocably agree and acknowledge that you are making your proposal subject to and in agreement with the terms of this RFP and agree that NV Energy shall be entitled to specific performance of its rights hereunder and such other injunctive or equitable relief as may be appropriate.

Thank you for your continued interest and participation.

Attachment: Offer Submittal Form

AFFIRMATION

Pursuant to the requirements of NRS 53.045 and NAC 703.710, RYAN ATKINS, states that he is the person identified in the foregoing prepared testimony and/or exhibits; that such testimony and/or exhibits were prepared by or under the direction of said person; that the answers and/or information appearing therein are true to the best of his knowledge and belief; and that if asked the questions appearing therein, his answers thereto would, under oath, be the same.

I declare under penalty of perjury that the foregoing is true and correct.

Date: March 1, 2024

Ryan Atkins

RYAN ATKINS

CATALIN ADRIAN CACUCI

BEFORE THE PUBLIC UTILITIES COMMISSION OF NEVADA

Sierra Pacific Power Company d/b/a NV Energy (Electric)

Docket No. 24-03 _____

2024 Deferred Energy Proceeding

Prepared Direct Testimony of

Catalin Adrian Cacuci

**1. Q. PLEASE STATE YOUR NAME, OCCUPATION, BUSINESS ADDRESS
AND PARTY FOR WHOM YOU ARE FILING TESTIMONY.**

A. My name is Catalin Adrian Cacuci. My current position is Treasurer for Nevada Power Company d/b/a NV Energy (“Nevada Power”) and Sierra Pacific Power Company d/b/a NV Energy (“Sierra” or the “Company” and, together with Nevada Power, the “Companies”). My business address is 6226 West Sahara Avenue in Las Vegas, Nevada. I am filing testimony on behalf of Sierra.

**2. Q. PLEASE DESCRIBE YOUR BACKGROUND AND EXPERIENCE IN THE
UTILITY INDUSTRY.**

A. I joined the Companies in 2022 as Assistant Treasurer and became Treasurer in 2023. Prior to joining the Companies, I held the position of Treasurer at The Cosmopolitan of Las Vegas since the property opened in 2010. In addition to the Treasurer role I have held the roles of Vice President of Finance, Executive Director of Finance, Senior Director of Financial Planning and Analysis and Director of Operational Analysis. Prior to The Cosmopolitan I worked in Treasury and Financial Planning and Analysis at MGM Resorts International and Caesars’ Entertainment corporate and various properties, respectively. I have undergraduate and graduate degrees in business with an emphasis in finance. Additional details

regarding my professional background and experience are in my Statement of Qualifications which is provided as **Exhibit Cacuci-Direct-1**.

3. Q. PLEASE DESCRIBE YOUR RESPONSIBILITIES AS TREASURER.

A. As Treasurer, my responsibilities include oversight of the treasury and risk control-related functions. From a Risk Controls perspective, I am responsible for identifying and elevating to executive management any departures from approved policies and procedures. I am also responsible for several Sarbanes-Oxley controls relating to treasury and risk control (including the setting of counterparty credit limitations, monitoring of fuel and purchase power transactions and verification of recorded trade data that is used for settlements). I further assist the Chief Financial Officer in directing the Companies' financial policies, including the financing activities and capital structure strategies for the Companies.

4. Q. HAVE YOU PREVIOUSLY TESTIFIED BEFORE THE PUBLIC UTILITIES COMMISSION OF NEVADA ("COMMISSION")?

A. Yes. I have previously prepared testimony in proceedings before the Commission in Docket No. 23-06007, Nevada Power's last general rate case ("GRC"), and in previous Deferred Energy Accounting Adjustment filings, Docket Nos. 23-03005, 23-03006, 23-03007, and 23-09003.

5. Q. WHAT IS THE PURPOSE OF YOUR TESTIMONY?

A. I summarize the Companies' risk control strategies and describe the risk control organization and functions. In addition, I provide testimony on the company policies for managing the various risks experienced by the Companies, which support the prudence and reasonableness of recorded fuel and purchase power

costs. Finally, I identify relevant compliance items and report the status of the Companies' efforts to satisfy those directives.

6. Q. ARE YOU SPONSORING ANY EXHIBITS OR APPENDICES?

A. Yes. I am sponsoring the following Exhibits and Appendices:

Exhibit Cacuci-Direct-1	Statement of Qualifications
Technical Appendix-2A	Risk Management and Control Policy
Technical Appendix-2B	Energy Risk Management and Control Policy
Technical Appendix-2C	Credit Risk Management and Control Policy
Technical Appendix-6	Risk Committee Meeting Minutes and Presentations

I. SUMMARY OF RISK POLICIES

7. Q. PLEASE SUMMARIZE THE COMPANY'S ENERGY RISK CONTROL STRATEGY.

A. The energy risk control strategy begins with identifying risks. Once identified, risks are assessed using qualitative and quantitative measures. The costs and risks associated with procurement strategies are then evaluated. The Company seeks to follow a risk strategy that minimizes risk for the customers and the Company and where possible shifts that risk to other counterparties when such risk can be shifted at a reasonable cost.

1 8. Q. PLEASE SUMMARIZE THE COMPANY'S RISK MANAGEMENT
2 ACTIVITIES AND THE POLICIES THAT GOVERN THE RISK
3 CONTROL FUNCTION.

4 A. The role of the Risk Control organization in managing the Company's energy
5 supply risk is described generally in my testimony. Policies are an important part
6 of the risk control function, and the Company has three risk policies that are
7 relevant to this deferred energy proceeding.

- 8 • The Risk Management and Control Policy (Appendix-2A) is the Company's
9 umbrella document that defines corporate risks, describes the management of
10 that risk, and creates a governance structure to oversee policy implementation
11 and adherence.
- 12 • The Energy Risk Management and Control Policy (Appendix-2B) relates
13 specifically to physical and financial transactions related to energy
14 procurement, sales, and hedging. This policy establishes governance structures,
15 authorized signatories, risk control thresholds, and compliance, among other
16 items.
- 17 • The Credit Risk Management and Control Policy (Appendix-2C) outlines the
18 approach for managing and controlling the credit risk inherent in normal
19 business operations, and applies to all physical and financial transactions
20 entered into by the Company.

21
22 9. Q. WERE ANY OF THESE POLICIES UPDATED AND APPROVED
23 BETWEEN JANUARY 1, 2023, AND DECEMBER 31, 2023 (THE
24 "DEFERRAL PERIOD")?

25 A. The Risk Policies are reviewed periodically on an informal basis and annually on a
26 formal basis. The Risk Policies were updated for personnel changes and updates to
27

responsibilities and were approved by the Risk Committee on December 15, 2023.

A summary of noteworthy changes are as follows:

- The Risk Management and Control Policy, Appendix-2A was updated to revise committee membership and replace Senior Vice President, Chief Financial Officer & Treasurer with Vice President, Chief Financial Officer, remove Assistant Treasurer, and remove Appendix B (employee acknowledgement) since the acknowledgement process has been automated and is currently part of the Company's Learning Management System ("LMS").
- Energy Risk Management and Control Policy, Appendix-2B, was similarly updated to replace Senior Vice President, Chief Financial Officer & Treasurer with Vice President, Chief Financial Officer, remove Assistant Treasurer, and remove Appendix G (employee acknowledgement) since the acknowledgement process has been automated and is currently part of the LMS. Earlier in 2023, the Company also updated titles to reflect a reorganization in the Resource Optimization department.
- Credit Risk Management and Control Policy, Appendix-2C, was also updated to replace Senior Vice President, Chief Financial Officer & Treasurer with Vice President, Chief Financial Officer, remove Assistant Treasurer, and remove Appendix I (employee acknowledgement) since the acknowledgement process has been automated and is currently part of the LMS.

More information can be found in the November Risk Committee meeting presentation titled "Risk Committee - Risk Policies Update" dated November 15, 2023, as filed with the Risk Committee minutes in Technical Appendix 6 of this filing.

10. Q. PLEASE SUMMARIZE THE MAJOR POINTS OF THE RISK
MANAGEMENT AND CONTROL POLICY.

A. The Risk Management and Control Policy (Appendix-2A) establishes standards for monitoring and controlling enterprise risks. The primary objectives of this effort include:

- The identification of risks;
- The qualitative or quantitative assessment of risks;
- The evaluation of the costs and merits of risk mitigation options;
- The identification of risks to be retained by the Company; and
- The identification of risks to be shifted to other entities and the means by which to do so.

11. Q. PLEASE SUMMARIZE THE MAJOR POINTS OF THE ENERGY RISK
MANAGEMENT AND CONTROL POLICY.

A. The Energy Risk Management and Control Policy (Appendix-2B) applies to all physical and financial transactions related to the Company's energy procurement, energy sales, and energy hedging in accordance with the applicable provisions of the Energy Supply Plans ("ESP") and ESP updates, or Integrated Resource Plans ("IRPs") approved by the Commission. The primary purposes of the policy are to:

- Provide preset notification thresholds for transactions entered into pursuant to this policy;
- Establish sound principles for entering into and managing of such transactions; and
- Define the responsibilities for managing and monitoring those risks.

12. Q. PLEASE SUMMARIZE THE MAJOR POINTS OF THE CREDIT RISK MANAGEMENT AND CONTROL POLICY.

A. The Credit Risk Management and Control Policy (Appendix-2C) outlines the approach for managing and controlling the credit risk inherent in the normal business operations of NV Energy, Inc., ("NV Energy") and its operating subsidiaries. The Credit Risk Management and Control Policy applies to all physical and financial transactions entered into by NV Energy and its subsidiaries. Three main areas of credit risk are addressed in this policy: energy supply, large customer accounts, and supply chain management (non-fuel). The primary purposes of the policy are to:

- Provide guidelines for employees authorized to legally bind NV Energy and its subsidiaries to procurement and sales and service delivery transactions;
- Establish sound guidelines for the management and control of risks attributable to those transactions; and
- Define the responsibilities for managing and monitoring those risks.

II. ORGANIZATIONAL STRUCTURE OF RISK MANAGEMENT AND CONTROL

13. Q. PLEASE GENERALLY DESCRIBE THE COMPANY'S RISK MANAGEMENT AND CONTROL STRUCTURE.

A. While the Risk Policies create the framework for managing risk, four functional areas that are important components of risk management and control activities include:

- 1) **Risk Committee.** The Risk Committee is responsible for the overall policy direction and administration of the risk control efforts, including overall policy compliance. Each department is responsible for administration of the Company's risk management and risk mitigation programs and will be held

accountable to the Risk Committee. The Risk Committee serves as the mechanism by which the executive team is kept apprised of inherent risks. Risk Committee members are listed in the Risk Management and Control Policy (See Appendix-2A, Section V, subsection B).

- 2) **Risk Control.** The Risk Control function is responsible for monitoring compliance with established policies and associated procedures, including the approved ESP and ESP updates. Risk Control also is responsible for evaluating and reporting the energy supply portfolio risk control metrics discussed later in this testimony.
- 3) **Credit Risk Management.** Credit risk is defined as the possibility that a counterparty will be unable or unwilling to fulfill its financial or physical obligations because of the counterparty's financial condition. Credit Risk Management generally is responsible for credit risk management activities as they apply to energy supply.
- 4) **Energy Supply.** Energy Supply, under direction of the Vice President of Renewables, Vice President of Generation and Vice President of Resource Optimization, are responsible for electric generation and the delivery and optimization of fuel and wholesale power transactions.

A. **THE RISK COMMITTEE**

14. Q. **WHAT ARE THE RESPONSIBILITIES OF THE RISK COMMITTEE?**

A. The Risk Committee has several key responsibilities including:

- Monitoring the current and expected future economic conditions and assessing their effect on the general business environment on the Company, and disseminating this information to executive leadership, as appropriate;

- Modifying existing risk control policies and initiating the preparation of new risk control policies, as appropriate;
- Ensuring the ongoing availability of procedures required to implement those policies or any changes to them;
- Resolving any disputes regarding the appropriate application of those policies and procedures;
- Ensuring the availability of the systems required to monitor, record and report on the risks inherent in the Company's operations;
- Reviewing and approving the Company's IRPs, ESPs, and ESP updates prior to approval by the Chief Executive Officer ("CEO");
- Assuring integration of energy procurement and sale risk, credit risk, cash flow risk and customer risk;
- Reviewing and approving all material transactions requiring exceptions to the approved plans for acquiring and selling fuel and wholesale power prior to implementation;
- Reviewing all energy procurement and sale transactions requiring the approval of the CEO; and
- Assessing the appropriateness of the Company's risk control activities and modifying the Energy Risk Management and Control Policy, whenever modifications are required to ensure the ongoing viability of the Company's risk management and control programs and the continued fulfillment of the Company's obligations.

15. Q. HOW OFTEN DOES THE RISK COMMITTEE MEET?

A. The Risk Committee is required to meet at least quarterly under current Risk Policies. In practice, the Risk Committee will typically meet once a month. In 2023,

the Risk Committee met at least once each month. There was an email approval in January related to a counteroffer made in conjunction with FERC Staff and Southwest Gas as part of the settlement negotiations with Tuscarora. Also, there was an email approval in July related to joining the shippers in the Gas Transmission Northwest (GTN) proposing a pre-filing settlement counteroffer.

16. Q. ARE MINUTES PREPARED FOR THE RISK COMMITTEE MEETINGS?

A. Yes. All minutes, including presentation materials, are maintained and kept for at least four years as a record of the actions of the Risk Committee. The Risk Committee minutes are provided as part of Technical Appendix-6 of this filing.

17. Q. WHAT TYPES OF FORMAL METRICS HAVE BEEN ESTABLISHED BY THE RISK COMMITTEE FOR EVALUATING THE COMPANY'S ENERGY SUPPLY PORTFOLIOS?

A. Three types of risk control metrics are utilized: (1) transaction approval metrics, (2) portfolio risk metrics and (3) credit risk metrics.

18. Q. PLEASE DESCRIBE THE TRANSACTION APPROVAL METRICS THAT ARE USED TO ASSIST THE RISK COMMITTEE IN EVALUATING THE COMPANY'S PORTFOLIOS.

A. The transaction approval metrics control the values of contracts that authorized personnel are allowed to execute. Total dollar value of the contract is tracked and reported.

19. Q. PLEASE DESCRIBE THE PORTFOLIO RISK METRICS THAT ARE
USED TO ASSIST THE RISK COMMITTEE IN EVALUATING THE
COMPANY'S PORTFOLIOS.

A. The Energy Risk Management and Control Policy defines the use of the following
two metrics:

1) **Test Period Mark-to-Base.** Monthly differences between fuel and
purchased power costs and base tariff energy rate revenues are deferred.
Mark-to-base provides an estimate of such deferrals for the current deferral
period. Mark-to-base is determined using actual expenditures to date,
committed expenditures for the balance of the deferral period, and expected
expenditures for uncommitted purchases. The policy triggers notifications
if significant changes in mark-to-base are experienced on either a
cumulative basis or on a month-to-month basis.

2) **Value-at-Risk.** Value-at-risk serves as a gauge of market exposure,
summarizing the total market risk on the Company's fuel and purchased
power costs. As measured by the Company, value-at-risk estimates the
increase in fuel and wholesale power costs over the forthcoming rolling 12
months, at a 95 percent confidence interval. Value-at-risk is also a useful
tool in determining liquidity requirements and is referred to as cash flow at
risk when used in this context. The policy triggers notifications if value-at-
risk exceeds certain levels. The Company calculates value-at-risk with the
portfolio period limited to the next 12 months and using a 95 percent
confidence interval. A 95 percent confidence interval means that there is a
95 percent probability that actual fuel and purchased power expenses will
not exceed the value-at-risk value. However, there is still a 5 percent
probability that the increased costs will be higher than the value-at-risk

projection. The idea is to measure, within a 95 percent degree of probability, the potential increase in cost to customers.

Inputs used to calculate value-at-risk include the forward price curves for power and natural gas, as well as the associated forward monthly volatilities of each product. Correlations between the various power and gas trading hubs are calculated based on historical prices at each trading hub. An algorithm then runs a user-specified number of iterations to create a distribution of possible cost increase outcomes. From this distribution, standard statistical methods are applied to give the user the cost increase at various confidence intervals.

20. Q. PLEASE DESCRIBE THE CREDIT RISK METRICS THAT ARE USED TO ASSIST THE RISK COMMITTEE IN EVALUATING THE COMPANY'S PORTFOLIOS.

A. Credit limits help to ensure that the Company is not overly exposed to any counterparties with unacceptable credit profiles. Four credit limits are monitored monthly:

- 1) **Portfolio Below Investment Grade:** The percentage of actual mark-to-market exposure below investment grade for the portfolio as of prior month's end;
- 2) **Portfolio Weighted Average Credit Rating:** The weighted average of actual mark-to-market exposure for the portfolio as of prior month's end;
- 3) **Counterparty Credit Limit On-going Transactions:** The actual mark-to-market exposure of counterparties at prior month's end; and

4) **Counterparty Credit Limits Large Transactions:** The potential mark-to-market exposure of counterparties with transactions greater than \$10 million entered into in the past month.

B. RISK CONTROL

21. Q. WHO IS RESPONSIBLE FOR ENSURING THAT THE COMPANY'S RISK POLICIES ARE FOLLOWED?

A. The Risk Committee is responsible for the overall policy direction and administration of the risk control efforts, including overall policy compliance. Each department is responsible for administration of the Company's risk management and risk mitigation programs, and will be held accountable to the Risk Committee. Risk Control is responsible for monitoring policy compliance on a regular basis and running the Company's exception management processes.

22. Q. PLEASE DESCRIBE THE RISK CONTROL ORGANIZATION.

A. The Risk Control Group consists of two main functions: (1) Energy Risk Control and (2) Credit Risk Management.

23. Q. PLEASE DESCRIBE THE ENERGY RISK CONTROL FUNCTION.

A. Energy Risk Control calculates certain risk control metrics and reports the results to management in a Monthly Risk Control Report. Energy Risk Control also performs actualization of fuel and power transactions prior to invoices being paid to counterparties. Energy Risk Control monitors recorded phone conversations to check for possible errors within the system of record.

1 **24. Q. PLEASE DESCRIBE THE MONTHLY RISK CONTROL REPORT**
2 **SUMMARY.**

3 A. The Risk Control organization prepares monthly reports to identify, track and report
4 risk control metrics relating to transaction approval risk, portfolio risk, and credit
5 risk. The reports are presented and discussed at meetings of the Risk Committee.
6

7 **25. Q. PLEASE DEFINE THE TERM ‘NOTIFICATION THRESHOLD’ AS IT IS**
8 **USED IN THE RISK CONTROL REPORTING PROCESS.**

9 A. A ‘notification threshold’ triggers reports to management when certain threshold
10 events occur, such as a large increase in the mark-to-base. The notification
11 thresholds require management notification and discussion. After notification and
12 discussion, management must decide whether or not to take specific actions in
13 response to the event that triggered the notification.
14

15 **26. Q. WHAT HAPPENS WHEN THE RISK CONTROL ORGANIZATION**
16 **REPORTS AN EVENT THAT TRIGGERS A NOTIFICATION**
17 **REQUIREMENT?**

18 A. Several steps are involved:
19 • Upon identification of an event triggering a notification requirement, Risk
20 Control staff will notify the Treasurer (or Chief Financial Officer in the
21 Treasurer’s absence), and, depending upon the nature of the issue, can call for
22 a special Risk Committee meeting;
23 • Risk Control maintains a log of all notifications and monitors the status of each
24 issue until compliance is achieved; and,
25
26
27

- Risk Control presents all events triggering a notification requirement to the Risk Committee for discussion, including a course of corrective action if deemed necessary.

27. Q. PLEASE IDENTIFY ANY EVENTS THAT TRIGGERED NOTIFICATION REQUIREMENTS DURING THE DEFERRAL PERIOD.

A. There were no triggering events requiring notifications for Transaction Approval or Credit Risk for Sierra (Electric) in 2023. The Mark-to-Base notification threshold was not triggered for Sierra (Electric) in 2023. The Value-at-Risk notification threshold was triggered for Sierra Pacific Power for each month from January 2023 through December 2023 as a result of increases in forward energy prices and volatility.

C. CREDIT RISK MANAGEMENT

28. Q. PLEASE SUMMARIZE THE CREDIT RISK MANAGEMENT AND CONTROL POLICY.

A. The Credit Risk Management and Control Policy establishes a set of metrics that are monitored by Risk Control on a periodic basis. The purpose of these metrics is to provide transparency of the corporate credit portfolio to the Risk Committee. The metrics, an Arrears Balance Metric and an Uncollected Deposits Metric, are designed to monitor the credit exposure attributable to large retail customers. In addition, a Counterparty Credit Metric for supply chain is used to control the credit exposure attributable to large suppliers of supply chain management.

1 29. Q. PLEASE DESCRIBE THE RISK CONTROL ORGANIZATION'S CREDIT
2 RISK MANAGEMENT FUNCTION.

3 A. The Credit Risk Management function is staffed by the Manager, Risk Control and
4 the Business Risk Control Specialist, both reporting to the Treasurer. All potential
5 transactions are reviewed to determine the credit ratings, policy limits based on
6 credit ratings, financial scoring metrics, the current mark-to-market exposure of all
7 current transactions, and whether the potential credit exposure calculations are
8 within the Company's policy limits. The Credit Risk Management function is
9 responsible for assessing and approving the credit risk of counterparties and is also
10 responsible for data collection and reporting of the creditworthiness of current and
11 potential counterparties on an ongoing basis. A monthly report tracks current
12 counterparties, their credit rating from Moody's and Standard and Poor's, the
13 outlook of the ratings, the internal credit limit of each counterparty (based on the
14 lowest of the two ratings), and the mark-to-market exposure. This credit report is
15 distributed to the Company's management. Based upon these reports, stricter
16 counterparty limits are put in place when appropriate. The Credit Risk Management
17 function is also responsible for providing the Energy Procurement Function with
18 collateral requirements for fuel or power contracts.

19
20 30. Q. WHAT HAPPENS IF A COUNTERPARTY'S CREDIT IS DOWNGRADED
21 AFTER A CONTRACT IS SIGNED?

22 A. If a counterparty is downgraded after a contract is signed, Credit Risk Management
23 monitors the performance and the exposure of the contract in relation to the credit
24 limit. The contracts themselves provide the Company with protection in the form
25 of monetary damages in the event of certain credit events and if the delivery
26 obligation is not fulfilled.

1 **31. Q. WERE THERE ANY CHANGES TO THE COMPANY’S CREDIT RATING**
2 **DURING THE DEFERRAL PERIOD?**

3 A. Yes. On November 20, 2023, Sierra’s senior unsecured credit rating was
4 downgraded by Standard & Poor’s from ‘A’ to ‘A-’. Moody’s Investors Service
5 maintained the Company’s rating at ‘Baa1’.

6
7 **32. Q. HAVE THERE BEEN ANY CHANGES TO THE COMPANY’S CREDIT**
8 **RATING SINCE THE END OF 2023?**

9 A. No, however, while Moody’s Investors Service recently affirmed Sierra’s current
10 credit rating, it placed the Company on a “negative outlook” stating it will continue
11 to monitor the support provided to Sierra.¹

12
13 **D. ENERGY SUPPLY**

14 **33. Q. PLEASE BRIEFLY SUMMARIZE HOW THE ESP IS MONITORED.**

15 A. Through the purchase and sale of the physical products and financial instruments,
16 the Company maintains an energy risk management program that manages energy
17 risk in accordance with an approved ESP and ESP updates. The ESP and ESP
18 updates include a recommended course of action to be followed during a three-year
19 period. The ESP and ESP updates are reviewed on an ongoing basis and updated at
20 least annually. Material changes in the data or assumptions underlying the approved
21 ESP and ESP updates are promptly reported to the Risk Committee.

22
23
24
25
26
27 ¹See Docket No. 24-02026 Prepared Direct Testimony of Michael Behrens, February 23, 2024, Q&A 16.

- 1 34. Q. DID THE COMPANY REVIEW AND REASSESS THE APPROVED
2 STRATEGIES BASED UPON CHANGING MARKET CONDITIONS
3 THROUGHOUT THE DEFERRAL PERIOD?
- 4 A. Yes. The resource portfolio was reviewed by the Risk Committee periodically
5 throughout the Deferral Period. Copies of the Risk Committee meeting minutes at
6 which the Company's forward fuel and power positions for the Deferral Period
7 were reviewed, as well as the presentations made to the Risk Committee, are
8 provided as Technical Appendix-6. The Risk Committee presentations and minutes
9 demonstrate that the Company continuously monitored market conditions and
10 made necessary and appropriate decisions during the Deferral Period.
- 11
- 12 35. Q. DID RISK CONTROL IDENTIFY ANY DEPARTURES FROM THE
13 APPROVED ESP OR ESP UPDATE THAT WERE NOT REVIEWED AND
14 APPROVED BY THE RISK COMMITTEE?
- 15 A. No. Risk Control did not identify any departures from the Commission-approved
16 ESP and ESP updates that were not reviewed by the Risk Committee.
- 17
- 18 36. Q. DID THE COMPANY IDENTIFY ANY DEPARTURES FROM THE
19 APPROVED POLICIES OR PROCEDURES?
- 20 A. No. Risk Control did not identify any departures from the approved policies or
21 procedures.
- 22
- 23
- 24
- 25
- 26
- 27

1 37. Q. DID THE COMPANY COMPLY WITH ALL APPLICABLE
2 PROCEDURES AND POLICIES WHEN ENTERING INTO AND
3 EXECUTING TRANSACTIONS THAT RESULTED IN COSTS
4 RECORDED DURING THE DEFERRAL PERIOD?

5 A. Yes. Risk Control evaluated policy compliance. The fuel and purchase power costs
6 recorded during the deferral period were the result of transactions that complied
7 with the applicable ESP, the ESP updates, and implementing procedures.
8

9 **III. COMPLIANCE ITEMS**

10 38. Q. AS PART OF YOUR TREASURER DUTIES, ARE YOU RESPONSIBLE
11 FOR MONITORING COMPLIANCE WITH THE ESP AND DEFERRED
12 ENERGY ACCOUNTING ADJUSTMENT ORDERS?

13 A. Yes.
14

15 39. Q. DID THE COMPANY SATISFY COMPLIANCE ITEMS ORDERED BY
16 THE COMMISSION?

17 A. Yes. The Company has been ordered to meet compliance items from Docket Nos.
18 05-08004, 06-12001, 10-07003/19-08034 and 11-09004. The Company requests a
19 finding that it has satisfied the compliance items listed below:

- 20 1) Review market fundamentals related to natural gas supply and transportation
21 to determine if strategies are appropriate or if they need to be modified.
22 (Docket No. 05-08004)
- 23 2) The Company will track Solar Energy Development Program expenses and
24 revenues in a separate sub-account and provide a quarterly report of the costs
25 with a follow-up meeting if requested by any of the parties. (Docket No. 06-
26 12001)
27

- The dates the Company filed its Commission-mandated quarterly reports are listed below. The Company did not receive any requests for follow-up meetings.

- 1st quarter 2023 (February 15, 2023)
- 2nd quarter 2023 (May 15, 2023)
- 3rd quarter 2023 (August 15, 2023)
- 4th quarter 2023 (November 15, 2023)

- 3) The Company shall notify the Regulatory Operations Staff (“Staff”) and Bureau of Consumer Protection (“BCP”) of gas hedging strategy changes as soon as practical. (Docket No. 10-09003, as amended in Docket No. 19-08034)

- For the 2023 bi-annual gas hedge workshops, the Company reported the Risk Committee decisions on hedging and a discussion of the ESP elements. See Technical Appendix-1. The Company is currently not hedging natural gas.

- 4) In each quarterly gas hedge workshop report the most recent Risk Committee decision on hedging. (Docket Nos. 11-09004)

- For the 2023 quarterly gas hedge reports, the Company reported the Risk Committee decisions on hedging and a discussion of the ESP elements.

1 **IV. REQUEST FOR CONFIDENTIAL TREATMENT**

2 **40. Q. ARE ANY OF THE MATERIALS THAT YOU ARE SPONSORING**
3 **CONFIDENTIAL?**

4 A. Yes. Confidential information has been redacted from presentations made to the
5 Risk Committee, and from the Risk Committee meeting minutes. This confidential
6 information is being filed under seal.

7
8 **41. Q. PLEASE DESCRIBE THE CONFIDENTIAL MATERIAL.**

9 A. The redacted material includes information such as customer specific information,
10 settlement negotiations, fuel and purchase power forecasts, projected mark-to-
11 market positions, forecasted liquidity requirements, physical gas bid information,
12 and coal planning activities. This material is commercially sensitive and/or
13 discloses the Company's views and expectations of its costs and capabilities to
14 serve both existing and potential forward sales. This information is not known
15 outside the Company and its distribution is limited within the Company. Releasing
16 this sensitive information would compromise the Company's negotiating position
17 or otherwise impair its ability to achieve favorable pricing, terms and conditions of
18 forward sales.

19
20 **42. Q. FOR HOW LONG DOES SIERRA REQUEST CONFIDENTIAL**
21 **TREATMENT?**

22 A. The requested period for confidential treatment is for no less than five years.
23
24
25
26
27

1 43. Q. WILL CONFIDENTIAL TREATMENT IMPAIR THE ABILITY OF THE
2 COMMISSION'S STAFF BCP TO PARTICIPATE IN THIS DOCKET?

3 A. No, in accordance with the accepted practice in Commission proceedings, the
4 confidential material will be provided to Staff and the BCP under standardized
5 protective agreements with them.
6

7 V. CONCLUSION

8 44. Q. PLEASE SUMMARIZE YOUR TESTIMONY.

9 A. In summary, the Company maintains a rigorous set of corporate governance
10 policies and procedures that govern the acquisition and transportation of fuel, and
11 the purchase of energy and capacity. The Company's corporate governance policies
12 and procedures also cover the optimization of fuel, transportation and generation
13 assets. These policies are consistent with and implement the Company's approved
14 ESP and ESP updates. The transactions that resulted in fuel and purchased power
15 costs recorded during the Deferral Period were conducted in accordance with the
16 Company's corporate governance policies and procedures. Accordingly, the
17 Commission should conclude that the fuel and purchased power costs for which the
18 Company is seeking recovery in this application were prudently incurred.
19

20 45. Q. DOES THIS CONCLUDE YOUR PREPARED DIRECT TESTIMONY?

21 A. Yes.
22
23
24
25
26
27

EXHIBIT CACUCI-DIRECT-1

CATALIN ADRIAN CACUCI
TREASURER
NV Energy
6226 West Sahara Avenue
Las Vegas, NV 89151

Summary of Qualifications

I have been employed at NV Energy since September 2022 with primary responsibilities in Treasury and Risk Control. I have 21 years of experience in Treasury, Corporate Finance, and Financial Planning and Analysis.

Professional Experience

NV Energy – Treasurer (2022-Current)

Primary responsibilities in Treasury and Risk Control. Other positions held: Interim Treasurer, Assistant Treasurer

The Cosmopolitan of Las Vegas – Vice President of Finance and Treasurer (2010-2022)

Oversaw all treasury and payables functions. Other positions held: Executive Director of Finance, Sr. Director Financial Planning and Analysis, Director of Operational Analysis, HOA President, HOA Treasurer

MGM Resorts International – Treasury Manager (2006-2010)

Oversaw daily cash management and reporting, bank relationship management, cash liquidity, corporate card programs, merchant services, employee stock compensation plan

New York, New York Hotel and Casino – Financial Planning and Analysis Manager (2005-2006)

Managed FP&A functions including annual operational and capital budgets, strategic plans, return on investment analysis, evaluated host and independent agent efficiency, labor standards and productivity, special event proformas and post event analysis

Caesars' Entertainment – Senior Financial Analyst (2003-2005)

Prepared and analyzed annual operating and capital budgets, labor standards, gaming host and independent agent productivity, commission reports, individual player activity reports, special event proformas and post event analysis

Education and Certification

University of Nevada, Las Vegas – Master of Business Administration

Two-year program with a concentration in finance

University of Nevada, Las Vegas – Bachelor of Science in International Business

Summa Cum Laude

Association for Financial Professionals - Certified Treasury Professional (CTP)

Issued 2012, Active status

AFFIRMATION

Pursuant to the requirements of NRS 53.045 and NAC 703.710, ADRIAN CACUCI, states that he is the person identified in the foregoing prepared testimony and/or exhibits; that such testimony and/or exhibits were prepared by or under the direction of said person; that the answers and/or information appearing therein are true to the best of his knowledge and belief; and that if asked the questions appearing therein, his answers thereto would, under oath, be the same.

I declare under penalty of perjury that the foregoing is true and correct.

Date: March 1, 2024


ADRIAN CACUCI

JOHN LESCENSKI

BEFORE THE PUBLIC UTILITIES COMMISSION OF NEVADA

Sierra Pacific Power Company d/b/a NV Energy (Electric)

Docket No. 24-03

2023 Deferred Energy Proceeding

Prepared Direct Testimony of

John Lescenski

1. Q. PLEASE STATE YOUR NAME, OCCUPATION, BUSINESS ADDRESS AND PARTY FOR WHOM YOU ARE FILING TESTIMONY.

A. My name is John Lescenski. My current position is Manager, Generation Engineering and Technical Services for Nevada Power Company d/b/a NV Energy (“Nevada Power”) and Sierra Pacific Power Company (“Sierra” or the “Company,” and, together with Nevada Power, the “Companies”). My business address is 6226 West Sahara Avenue, Las Vegas, Nevada. I am filing testimony on behalf of Sierra.

2. Q. PLEASE DESCRIBE YOUR RESPONSIBILITIES AS MANAGER, GENERATION ENGINEERING AND TECHNICAL SERVICES.

A. As Manager, Generation Engineering and Technical Services, I am responsible for generation fleet-wide asset strategy development, regulatory planning and analysis, technical support for new solar resource contracts and technical support to the Companies’ generation fleet.

3. Q. HAVE YOU PREVIOUSLY TESTIFIED BEFORE THE PUBLIC UTILITIES COMMISSION OF NEVADA (“COMMISSION”)?

A. Yes. I provided written testimony in past Companies filings for deferred energy, integrated resource planning and general rate cases. I most recently testified in the Companies’ deferred energy applications in Docket Nos. 23-03005 and 23-03006,

in the Companies' Fifth Amendment to their Integrated Resource Plan in Docket No. 23-08015, and in Nevada Power's general rate case in Docket No. 23-06007.

4. Q. WHAT IS THE PURPOSE OF YOUR TESTIMONY?

A. My testimony describes the thermal generating units owned by Sierra that were available to serve its load between January 1, 2023, and December 31, 2023 (the "Deferral Period"). I provide information regarding the Net Capacity Factor ("NCF") and the Equivalent Availability Factor ("EAF") of each unit. I discuss the availability and reliability of the generating fleet, including significant events that restricted the availability of the units including a discussion on Long Term Service Agreements ("LTSA") for certain units.

5. Q. ARE YOU SPONSORING ANY EXHIBITS?

A. Yes. I am sponsoring the following exhibit and technical appendices:

- **Exhibit Lescenski-Direct-1** Statement of Qualifications
- **Technical Appendix 5** O&M Costs for Generation Fleet (Confidential)

6. Q. PLEASE BRIEFLY DESCRIBE THE GENERATING UNITS OWNED BY SIERRA THAT SERVED LOAD DURING THE DEFERRAL PERIOD.

A. Descriptions of the thermal generation plants owned by Sierra that were used to serve load during the Deferral Period, including information on their approximate capacity levels, are provided below in **Table Lescenski-Direct-1**:

TABLE LESCENSKI-DIRECT-1

Unit	Location	Fuel Source	Peak Summer Capability
Ft. Churchill Complex			
Ft. Churchill 1	Yerington, NV	Natural Gas	98
Ft. Churchill 2	Yerington, NV	Natural Gas	98
Tracy Complex			
Tracy 3	East of Sparks, NV	Natural Gas	92
Tracy (4,5) Combined Cycle	East of Sparks, NV	Natural Gas	104
Tracy (8,9,10) Combined Cycle	East of Sparks, NV	Natural Gas	567
Clark Mountain 3	East of Sparks, NV	Natural Gas	64
Clark Mountain 4	East of Sparks, NV	Natural Gas	64
Valmy Complex¹			
Valmy 1 (full plant output)	Valmy, NV	Coal	254
Valmy 2 (full plant output)	Valmy, NV	Coal	268
Valmy 1 (SPPC portion only)	Valmy, NV	Coal	127
Valmy 2 (SPPC portion only)	Valmy, NV	Coal	134

7. Q. WHAT WERE THE NCF AND EAF FOR EACH OF SIERRA'S GENERATING UNITS DURING THE DEFERRAL PERIOD?

A. Table Lescenski-Direct-2 shows the NCF and EAF for Sierra-owned generating units used to serve load during the deferral period. NCF is the ratio of actual net generation that a unit produced to what it could have produced if it operated at full

¹ North Valmy has two coal-fired steam turbine units – Units 1 and 2 (254 MW and 268 MW). Idaho Power Company (“IPC”) remains a 50 percent owner in the Valmy Power Plant. However, per the North Valmy Project Framework Agreement,¹ IPC has exited its share of Valmy Unit 1, which allows Sierra to continue to operate IPC’s 50 percent share of the unit. IPC no longer participates in unit-specific variable costs but continues to participate in common variable costs and its share of the fixed costs associated with the unit.

capacity continuously over a period of time. EAF measures a unit's availability.² EAF is reduced by planned and forced outages and deratings when the unit could not make full load. These factors provide a measurable benchmark for unit operation and the availability of the units to serve customer load when called upon. Sierra's EAF goal is to achieve the top decile performance for coal and large combined cycle generating plants and the Company met this goal in 2023. **Table Lescenski-Direct-3** presents the top decile measures from the NERC pc-GAR data base defined as the five-year average from 2018 – 2022 for units of similar capacity and type.

**TABLE LESCENSKI-DIRECT-2
SIERRA-OWNED GENERATION
PERFORMANCE MEASURES FOR 1/2023 TO 12/2023**

SPPC-Owned	NCF	EAF
Clark Mt Unit 3	7.7	68.26
Clark Mt Unit 4	12.7	92.46
Fort Churchill Unit 1	23.3	72.10
Fort Churchill Unit 2	22.5	90.83
Tracy Unit 3	4.8	98.75
Tracy Units 4&5	41.6	83.04
Tracy Unit 8	75.2	96.35
Tracy Unit 9	73.5	96.12
Tracy Unit 10	49.5	96.23
Valmy Unit 1	39.2	98.50
Valmy Unit 2	23.2	83.30

² EAF = [(AH - (EUDH + EPDH + ESEDH))/PH] x 100 (%) where Available Hours ("AH") is the sum of all Service Hours, Reserve Shutdown Hours, Pumping Hours, and Synchronous Condensing Hours; Equivalent Unplanned Derated Hours ("EUDH") is the product of the Unplanned Derated Hours and the Size of Reduction, divided by the Net Maximum Capacity ("NMC"); Equivalent Planned Derated Hours ("EPDH") is the product of the Planned Derated Hours and the Size of Reduction, divided by NMC; Equivalent Seasonal Derated Hours ("ESEDH") is NMC less the Net Dependable Capacity, multiplied by AH and divided by NMC; and Period Hours ("PH") is the number of hours a unit was in the active state. The EAF calculation presented here excludes those events classified by the North American Electric Reliability Council ("NERC") as "Outside Management Control" events. The terms, definitions, and equations used to calculate these statistics are based on ANSI/IEEE Standard 762 – 2006 "Definitions for use in reporting electric generating unit reliability, availability, and productivity," and are the ones most commonly used by the electric utility industry to evaluate unit performance. They are available in MicroGADS, an information repository. MicroGADS Gold software is owned by Navigant Consulting Inc. and used by over 75% of generators reporting to NERC. The Company participates in MicroGADS.

**Table Lescenski-Direct-3
Top Decile Comparison**

Top Decile EAF Target		
Year	Large CC	Coal
5 Year Average	93%	90%

SPPC Large CC	EAF
Tracy CC	96.2

SPPC Coal	EAF
Valmy Unit 1	98.5
Valmy Unit 2	83.3
AVERAGE	90.9

8. Q. WAS THE OPERATING PERFORMANCE OF THE GENERATING FLEET COMPARABLE WITH HISTORIC OPERATIONS OR EXPECTED PERFORMANCE?

A. Yes, the generating units' reliability was generally comparable with past and expected performance.³

9. Q. DID ANY SIGNIFICANT OUTAGES IMPACT THE GENERATING FLEET THAT ARE NOT REFLECTED IN TABLE LESCENSKI-DIRECT-2?

A. Yes. NERC allows for EAF to be reported excluding those outages or derates that are considered "Outside Management Control" ("OMC").⁴ The following event occurred as a result of the available coal supply and therefore, qualifies as an OMC outage.

Valmy Unit 2 was derated to 250 MW from July 13, 2023, through present due to low BTU coal. The availability of suitable coal supplies for maintaining compliance

³ "Expected Performance" is determined by considering the planned maintenance and an allocation for lost generation due to forced outages.

⁴ For more information on OMC events, please see Appendix K on the NERC web site at: <http://www.nerc.com/pa/RAPA/gads/Pages/Data%20Reporting%20Instructions.aspx>.

with the plant's mercury and SO2 emission requirements is limited. As a result, the plant is burning a blend of coals with lower BTU content than was historically available.

10. Q. DID ANY SIGNIFICANT PLANNED MAINTENANCE ACTIVITIES IMPACT THE AVAILABILITY METRICS SHOWN IN TABLE LESCENSKI-DIRECT-2.

A. Yes. Normal, regularly scheduled, recommended maintenance inspections and repairs occurred on Fort Churchill Units 1 and 2; Tracy Units 4/5; Tracy Combined Cycle Units 8, 9, and 10; and Valmy 2. In addition, control system upgrades and replacements occurred at Clark Mountain 3 and 4.

Fort Churchill:

Fort Churchill Unit 1 was unavailable from April 7, 2023, through June 7, 2023, to replace the lower half of the boiler's waterwall tubing.

Fort Churchill Unit 1 was unavailable from October 5, 2023, through October 16, 2023, to install first- and second-point heater isolation valves.

Fort Churchill Unit 1 was unavailable from November 29, 2023, through December 14, 2023, to repair the large feedwater control valve.

Fort Churchill Unit 2 was unavailable from September 21, 2023, through October 3, 2023, to replace several steam non-return valves and the economizer check valve.

Clark Mountain:

Clark Mountain 3 was unavailable from February 19, 2023, through March 15, 2023, to replace and upgrade the control system.

Clark Mountain 4 was unavailable from March 4, 2023, through March 20, 2023, to replace and upgrade the control system.

Tracy Station:

Tracy Units (4 and 5) were unavailable from April 9, 2023, through May 22, 2023, for a hot gas path inspection.

Tracy Combined Cycle Units (8, 9, and 10) were unavailable beginning March 28, 2023, for turbine borescope inspections and a tube leak repair on Unit 9. Units 8 and 10 returned to service April 3, 2023. Unit 9 returned to service April 7, 2023.

Valmy:

Valmy 2 was unavailable from May 26, 2023, through July 4, 2023, to replace and upgrade the generator excitation system.

Sierra scheduled each of these planned maintenance events in a manner designed to minimize the cost of providing service to customers.

11. Q. WERE THERE ANY SIGNIFICANT UNPLANNED EVENTS THAT IMPACTED THE AVAILABILITY SHOWN IN TABLE LESCENSKI-DIRECT-2?

A. Yes.

Clark Mountain:

- Clark Mountain 3 was in forced outage from March 25, 2023, through June 10, 2023, due to secondary fuel nozzle damage.

Valmy:

- Valmy 2 was in forced outage from January 2, 2023, through January 23, 2023, due to a steam turbine bearing fire.

CLARK MOUNTAIN

12. Q. PLEASE DESCRIBE THE UNPLANNED OUTAGE OF CLARK MOUNTAIN UNIT 3 BEGINNING IN MARCH.

A. On March 25, 2023, the unit would not start. The unit had recently completed a planned control system upgrade outage and experienced several failed starts shortly after the outage. Based on operational data, the #6 can secondary fuel nozzle was removed for inspection and found to be damaged. The damaged fuel nozzle was replaced, and the unit returned to service on June 10, 2023.

VALMY STATION

13. Q. PLEASE DESCRIBE THE UNPLANNED OUTAGE OF VALMY 2 IN JANUARY.

A. On January 2, 2023, the unit was placed in forced outage due to a fire under the steam turbine #2 bearing. Oil from the #2 bearing seal was found leaking onto the nearby interstage bleed drain piping and saturating the surrounding insulation. The bearing was repaired, and new seals and insulation were installed. The unit returned to service January 13, 2023.

ENERGY IMBALANCE MARKET (“EIM”)

14. Q. HAS THE GENERATING FLEET EXPERIENCED ANY OPERATING IMPACTS AS A RESULT OF JOINING EIM?

A. No. The plants continue to respond to Balancing Authority Area’s (“BAA”) instruction, and plant outputs are still being regulated by BAA’s Energy Management System.

Dispatch O&M Costs

15. Q. IN DOCKET NOS. 15-03001 AND 17-03002, THE COMMISSION’S ORDER STATES THAT UPDATED VARIABLE OPERATION AND MAINTENANCE COSTS AS WELL AS UPDATED ALLOCATION RATIOS BETWEEN CAPITAL AND OPERATIONS AND MAINTENANCE (“O&M”) EXPENSE SHOULD BE INCLUDED IN THE NEXT DEFERRED ENERGY FILING.⁵ HAS THIS MATERIAL BEEN PROVIDED?

A. Yes. The documents requested can be found in Technical Appendix 5.

16. Q. PLEASE IDENTIFY EACH LTSA AND THE SERVICES PROVIDED UNDER EACH AGREEMENT. FOR EACH SERVICE IDENTIFIED, DESCRIBE THE ACCOUNTING PROTOCOLS, AND PROVIDE AN EXAMPLE OF EACH CATEGORY OF SERVICE, INCLUDING THE ACCOUNTING ENTRIES.

A. An LTSA is currently in place at the large combined-cycle block (Units 8, 9, and 10) at Tracy Station. The LTSA is a multi-year agreement established to ensure

⁵ Joint Application of Nevada Power Company d/b/a NV Energy and Sierra Pacific Power Company d/b/a NV Energy for approval of an Indefinite Joint Dispatch Agreement governing transactions utilizing the One Nevada Transmission Line, September 9, 2015, Order at 32.

1 reliability of the combined-cycle turbines and generators, while levelizing
2 maintenance expenses over the term of the agreement. The LTSA with General
3 Electric (“GE”) covers the Tracy Station large, combined cycle block. A version of
4 this agreement has been reviewed and approved by the Commission in rate cases
5 for Sierra, specifically in Docket No. 13-06002.

6
7 The GE LTSA provides for full inspection, replacement, and repair coverage of the
8 combustion turbines. It also covers inspections (not repairs) for the compressors,
9 generators, and steam turbines. Needed repairs to compressors, generators and
10 steam turbines are not covered in the LTSA and are considered extra work.

11
12 All monthly, quarterly, annual and milestone costs associated with the LTSA are
13 allocated between maintenance expense and prepaid capital according to a
14 predetermined allocation. This expense-to-capital allocation ratio was determined
15 by examining each contract and estimating the value of the parts and services to be
16 provided over the life of the contract. These parts and services were then evaluated
17 under the Company’s Capitalization Policy to determine the appropriate
18 classification between expense and capital. Invoices from the service provider are
19 based on the actual operating hours of the units, and the maintenance portion of the
20 invoice is booked directly as expense. The capital portion of the invoice is recorded
21 to a prepaid account until an appropriate outage occurs and repairs are completed.
22 At that point, the prepayment account is reduced, and, eventually, corresponding
23 entries are made to Federal Energy Regulatory Commission Account 101 Electric
24 Plant in Service.

Table Lescenski-Direct-4 below shows the accounting entries for a sample LTSA contract. At each outage, a journal entry is posted to transfer a portion of the prepaid capital balance to construction work in progress/plant in service. The transferred amount is based on a historical capital ratio (by outage type) and overall prepaid capital expected for the contract.

TABLE LESCENSKI-DIRECT-4
EXAMPLE OF ACCOUNTING ENTRIES FOR A SAMPLE LTSA CONTRACT

Stated assumptions, including costs and contract scope, are for illustrative purposes only.				
Invoice Allocation				
Percent O&M	25%			
Percent Capital	75%			
Invoice Amount	\$ 500,000			
Accounting Entry				
	Debit	Credit		
Maintenance	\$ 125,000			
Prepaid Capital	\$ 375,000			
Accounts Payable / Cash		\$ 500,000		
	\$ 500,000	\$ 500,000		
Outage Allocation (of Prepaid Capital)				
Total Contract Capital Cost (forecast)	\$ 10,000,000			
Contract Outages	0 combustion inspections, 2 hot gas paths, 2 major inspections			
Outage Capitalization Factors	Outage Factors (weighting)	Outage Count	Contract Outage Factors	Cost per Outage
Combustion Inspections	1	0	0	\$ -
Hot Gas Path	2	2	4	\$ 2,000,000
Major Inspection	3	2	6	\$ 3,000,000
		4	10	
Cost per Outage Factor (Contract Capital Cost/Contract Outage Factor)				
		\$ 1,000,000		
Accounting Entry - Hot Gas Path				
	Debit	Credit		
Construction Work in Process / Plant in Service	\$ 2,000,000			
Prepaid Capital		\$ 2,000,000		
	\$ 2,000,000	\$ 2,000,000		

17. Q. PLEASE EXPLAIN HOW LTSA COSTS CLASSIFIED AS O&M
EXPENSES ARE INCLUDED IN THE VARIABLE OPERATING AND
MAINTENANCE (“VOM”) COSTS USED AS PART OF DETERMINING
UNIT JOINT DISPATCHING.

A. Maintenance costs for the generating plant equipment that are incurred by operating hour (e.g., the LTSA covered resources) are part of the dollars per hour commitment cost used by the optimization software that develops the hourly dispatch schedule. These costs are classified as commitment costs because they are incurred only when the unit is on, and are therefore, not a function of load. Because they are “committed” (or sunk) once the unit is on, these maintenance costs are no longer utilized to determine the optimized operating load of the unit within the hour.

The optimization software utilized by the Company’s Resource Optimization group looks at commitment costs, variable consumable costs (dollars-per-megawatt-hour), and fuel costs when optimizing and scheduling the resources to meet system needs. The algorithms work to find the lowest cost solution over the optimization study period. Maintenance costs are utilized only in commitment decisions. In determining whether to start, stop, or keep a unit on-line, the minimum load commitment costs (which include maintenance, consumables, and fuel) are weighed against need. In almost all cases, fuel cost (not maintenance cost) has the largest influence on commitment decisions.

18. Q. PLEASE IDENTIFY THE SPECIFIC EXPENSES BY CATEGORY (INSPECTIONS, LABOR, PARTS, RENTALS, WATER TREATMENT, CATALYST REPLACEMENT, OTHER CHEMICAL, MAJOR OVERHAUL EXPENSES, VARIABLE OPERATING COSTS, ETC.) THAT ARE INCLUDED IN VOM RATES FOR GENERATING UNITS WITH LTSAS.

A. Incremental or variable expenses are those costs directly related to the start-up and operation of a unit. They can be event-based, hours-based, or megawatt-hour based. Each category of variable cost is described in more detail below. For hours-based metrics, a conversion to a megawatt-hour basis is required for input into the unit characteristic table utilized by the Company's Resource Planning and Resource Optimization teams. Variable costs do not include maintenance labor (all normally scheduled labor is considered "fixed"). Some fuel handling costs may be considered variable.

The costs shown as fixed and variable costs are not necessarily budgeted costs. For low-capacity factor units, for example, the costs may be discounted, but care should be taken to avoid discounting units to the point that they are dispatched more, incurring more wear, altering their investment strategy.

Variable Start Costs - Variable start costs include consumables and any additional labor required to take a unit from a standby status to on-line. These are the incremental values of items identified in the service cost portion of fixed costs. Examples include the electricity to start pumps, fans, water consumption from circulating a cooling tower, etc. These items are presented as a consumable unit-per-start event. A commodities cost will then be applied to calculate a start cost.

For combustion turbine units that apply additional operating hours per start, the hourly based maintenance cost is also applied to a starting event cost as well.

Variable Load (Consumable) Costs - Variable load costs are the materials that are “consumed” (e.g., not recycled) during the electrical generation process. These items are provided by the plant on a unit per megawatt-hour basis. Examples include water, boiler chemicals, cooling tower chemicals, and emission control treatment chemicals. Where it is not possible to attribute incremental values to these costs, a linear assumption over the range of the unit’s operating span is used. In the case where actual data does not exist, reasonable engineering estimates can be used. The Company’s Finance and/or Supply Chain groups will provide a cost-per-unit metric to apply to certain commodities to this value in order to calculate a final variable cost metric.

Variable Maintenance Costs - Variable maintenance costs are considered a function of the wear and tear on the units, which are costs associated with actual use and are therefore considered “Variable Costs.” All maintenance costs (excluding Sierra staffed labor) associated with the actual use or operation of the plant are accounted for in the variable maintenance costs. For native load purposes, only maintenance expenses apply. For the EIM, where it is possible that a unit could be dispatched to serve non-native load, a capital maintenance cost is also included. Capital costs are only those costs associated with replacement parts and systems for units that needed replacement due to wear and tear from actual operation. New equipment is excluded. Replacements due to non-operation or obsolescence are not included. Intervals are per Original Equipment Manufacturer or industry standards.

Outage costs are also included. This includes, without limitation: major overhauls, seasonal readiness outages, and hot gas path inspections. The only labor included in these costs should be additional labor overtime that was not built in as routine overtime for the plant, and contract labor hired specifically for the outage. All other labor falls under fixed O&M.

Regular maintenance spending is also included. This is the normal sustaining maintenance that occurs outside of an outage. This includes normal “in-service” repairs and maintenance spending that occurs while a unit is on-line or in a forced outage. This also includes contracted maintenance agreement charges based on operational hours or starts. It also includes regular maintenance that is booked to a common area/balance of plant account instead of to a specific unit (e.g., water treatment, fire water systems, compressed air systems, shared utilities, etc.).

Non-Variable “Fixed” Costs - All other expenses including Sierra staff labor, regular inspections, seasonal inspections, permit outages and similar activities are considered costs to maintain the capacity of the unit and are therefore treated as fixed costs.

19. Q. HAS THE METHODOLOGY FOR DETERMINING O&M COSTS OR THE CAPITAL/EXPENSE RATIO CHANGED SINCE THEY WERE LAST PROVIDED TO THE COMMISSION?

A. No. The methodology for costs and ratios presented and approved in Docket No. 16-03004 has not changed.

1 **20. Q. HAS THE CAPITAL/EXPENSE RATIO CHANGED SINCE THE**
2 **PREVIOUS YEAR?**

3 A. No. The capital to expense ratio for the contracted maintenance agreements has not
4 changed and will likely not change until such time as those agreements are
5 renegotiated.

6
7 **21. Q. ARE ANY OF THE MATERIALS YOU ARE SPONSORING**
8 **CONFIDENTIAL?**

9 A. Yes. Confidential information is presented in Technical Appendix 5.

10
11 **22. Q. PLEASE DESCRIBE THE CONFIDENTIAL MATERIAL.**

12 A. The confidential material includes the operating and maintenance costs utilized for
13 economic dispatching of the generating fleet. This information is commercially
14 sensitive and/or trade secret information that derives independent economic value
15 from not being generally known. This information is not known outside the
16 Companies and its distribution is limited within the Companies. Releasing this
17 highly sensitive information would disadvantage the Companies' by limiting their
18 ability to foster competition among prospective suppliers, compromising the
19 Companies' negotiating position and reducing its bargaining leverage. Publication
20 of this information would unfairly advantage competing suppliers and impair the
21 Companies' ability to achieve the most favorable pricing and terms and conditions
22 from suppliers on behalf of its customers.

23
24 **23. Q. FOR HOW LONG DOES SIERRA REQUEST CONFIDENTIAL**
25 **TREATMENT?**

26 A. The requested period for confidential treatment is for no less than five years.

1 **24. Q. WILL CONFIDENTIAL TREATMENT IMPAIR THE ABILITY OF THE**
2 **COMMISSION’S REGULATORY OPERATIONS STAFF (“STAFF”) OR**
3 **THE NEVADA ATTORNEY GENERAL’S BUREAU OF CONSUMER**
4 **PROTECTION (“BCP”) TO PARTICIPATE IN THIS DOCKET?**

5 A. No, in accordance with the accepted practice in Commission proceedings, the
6 confidential material will be provided to Staff and the BCP under standardized
7 protective agreements with them.
8

9 **25. Q. PLEASE SUMMARIZE YOUR TESTIMONY FOR THE COMMISSION.**

10 A. The Company operated and maintained its generating units in a reasonable and
11 appropriate manner. Moreover, the units were made available to serve the
12 Company’s customers in a manner that is consistent and facilitated the efficient
13 dispatch of the units.
14

15 **26. Q. DOES THIS CONCLUDE YOUR PREPARED DIRECT TESTIMONY?**

16 A. Yes.
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27

EXHIBIT LESCENSKI-DIRECT-1

JOHN W. LESCENSKI
MANAGER, PLANT ENGINEERING AND TECHNICAL SERVICES

Currently Manager, Plant Engineering and Technical Services at NV Energy, responsibilities include generation fleet-wide asset strategy development, regulatory planning and analysis, technical support for new solar resource contracts, working to ensure the existing and future generation fleet of power plants meets the energy supply requirements of our customers.

Professional Experience

Joining Nevada Power (now NV Energy) in 1989 as an Engineer in Generation Engineering and Construction at the Reid Gardner Power Plant, progressing to Manager for strategy planning for integrating business planning with power plant operations, in conjunction as primary witness for Generation issues in regulatory filings of the Integrated Resource Planning, Depreciation Cases, and General Rate Cases. Leading development of 10-year Business Plans for all generating plants in the fleet, leading plant repowering/retirement analysis and providing input to Resource Planning for alternative analysis. Responsible for strategic assessments of NV Energy's generation fleet through plant condition assessments and long term life span analysis.

- Primary point of contact for regulatory filings for generation issues: testimony, narrative, data request, witness, witness support
- Technical Support for Renewable PPA contract RFPs and renewable project development
- Technical Support for Solar PPA contract compliance with Energy Contract Management
- Successfully completed the \$54 million Nellis Solar PV2 project, installing a 15MW photovoltaic station on a closed landfill on the Nellis Air Force Base. Responsible as project manager from contracting and construction management through startup
- Successfully completed the \$16 million King's Beach Power Plant replacement, responsible for the project from inception through start-up
- Lead early efforts in the development of the Ely Energy Center project
- Lead the study of the Valmy expansion alternatives
- Spearheaded the resource planning efforts for the retirement and decommissioning of the Clark Units 1-3 and their replacement with the new 600 MW Clark Peaking Plant.
- Coordinated with Environmental Services on the air permit application and permitting for the contemporaneous change for the Clark Peaker Project
- Coordinated the Reid Gardner emissions alternative analysis and resource planning approval and supported the regulatory filings for emissions upgrades and the eventual retirement
- Developed Life-Span Analysis Process (LSAP) to guide the decision making for determining the remaining economic useful life of a generating unit and reinvestment decisions to continue operations. This Process is now relied upon by the Public Service Commission of Nevada.
- Project Engineer for the Harry Allen Unit 4 simple cycle 7EA combustion turbine expansion project, supporting resource plan application/approval through turbine purchase and EPC bidding and contracting
- Lead technical analyst for the generation business services department, providing services as lead Owner/user inspector and subject matter expert supporting the Clark and Reid Gardner Plant Engineering Staff.

Education

Master of Arts in Economics – University of Nevada, Las Vegas • 2019

Professional Paper: Econometric Analysis of the Effect of Deregulation on Retail Energy Prices

Graduate Certificate in Post-Secondary Teaching – University of Nevada, Las Vegas • 2019

Graduate Certification in Renewable Energy – University of Nevada, Reno • 2013

Master of Business Administration – University of Nevada, Las Vegas • 1996

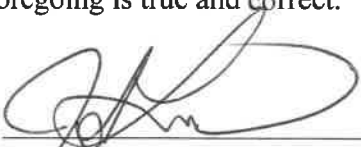
Bachelor of Science in Mechanical Engineering – University of Southern California • 1989

AFFIRMATION

Pursuant to the requirements of NRS 53.045 and NAC 703.710, JOHN LESCENSKI, states that he is the person identified in the foregoing prepared testimony and/or exhibits; that such testimony and/or exhibits were prepared by or under the direction of said person; that the answers and/or information appearing therein are true to the best of his knowledge and belief; and that if asked the questions appearing therein, his answers thereto would, under oath, be the same.

I declare under penalty of perjury that the foregoing is true and correct.

Date: March 1, 2024



JOHN LESCENSKI

SAUNDRA MASSIC

BEFORE THE PUBLIC UTILITIES COMMISSION OF NEVADA

Sierra Pacific Power Company d/b/a NV Energy (Electric)

Docket No. 24-03 ____

2024 Deferred Energy Proceeding

Prepared Direct Testimony of

Saundra Massic

**1. Q. PLEASE STATE YOUR NAME, OCCUPATION, BUSINESS ADDRESS
AND PARTY FOR WHOM YOU ARE FILING TESTIMONY.**

A. My name is Saundra Massic. My current position is Director, Customer Contact for Nevada Power Company d/b/a NV Energy (“Nevada Power”) and Sierra Pacific Power Company d/b/a NV Energy (“Sierra” and, together with Nevada Power, the “Companies” or “NV Energy”). My business address is 6226 West Sahara Avenue, Las Vegas, Nevada. I am filing testimony on behalf of Sierra.

**2. Q. PLEASE DESCRIBE YOUR PROFESSIONAL BACKGROUND AND
EXPERIENCE.**

A. I have more than 15 years of experience in customer operations with approximately 35 years at the Companies. **Exhibit Massic-Direct-1** provides a more detailed description of my background and industry experience.

3. Q. WHAT ARE YOUR DUTIES IN YOUR CURRENT POSITION?

A. My responsibilities as a director include ensuring compliance for customer contact and operations programs, providing subject matter expertise that enhances value and reduces risk to customers as well as participating in the management of special programs, such as the Expanded Solar Access Program (“ESAP”).

1 4. Q. HAVE YOU PREVIOUSLY TESTIFIED BEFORE THE PUBLIC
2 UTILITIES COMMISSION OF NEVADA (“COMMISSION”)?

3 A. Yes. I previously provided testimony in the Companies’ 2023 deferred energy
4 proceedings in Docket Nos. 23-03005 and 23-03006.

5
6 5. Q. WHAT IS THE PURPOSE OF YOUR TESTIMONY?

7 A. The purpose of my testimony is to sponsor the recovery of the costs incurred in
8 2023 for the ESAP.

9
10 6. Q. ARE YOU SPONSORING ANY EXHIBITS?

11 A. Yes. I am sponsoring the following Exhibits:

12 **Exhibit Massic -Direct-1** Statement of Qualifications

13
14 7. Q. WHAT IS THE PURPOSE OF THE ESAP?

15 A. Assembly Bill 465 passed by the 2019 Nevada Legislature (“AB465”), codified as
16 NRS § 704.7985, requires the Companies to offer certain residential and non-
17 residential customers the opportunity to have their electric consumption be derived
18 from a mix of utility-scale and community based solar resources, without requiring
19 such customers to install physical solar systems on their properties. AB465 also
20 provides for broadened access to solar energy, with an ESAP rate that provides
21 participating low-income residential customers with a lower rate for their energy.
22 The Commission adopted regulations in Docket No. 19-06028, which were
23 approved by the Legislative Counsel Bureau (“LCB”) in LCB File No. R136-20.

24
25 The Companies filed their first ESAP plan in Docket No. 20-12003, which was
26 approved by the Commission in its Order issued on June 29, 2021. Upon approval
27

of the ESAP plan, the Companies began implementing the ESAP in 2021, which included customer enrollment, community based solar resource (“CBSR”) site selection and the completion of the first CBSR at Mojave High School.

8. Q. PLEASE DESCRIBE THE ENROLLMENT TIMELINE AND THE RESULTING ENROLLMENT IN ESAP.

A. The ESAP customer enrollment period was held between September 1, 2023, and October 31, 2023. The Companies finalized processing applications on December 12, 2023. For Nevada Power and Sierra, the Companies received a total of 9,370 applications. The breakdown of the applications is provided below in **Table Massic-Direct-1**.

Table Massic-Direct-1 Application Submittal Results				
Service Territory	Total Applications	Eligible	Deficient	Denied / Withdrawn
Nevada Power	7,670	6,415	388	867
Sierra	1,700	1,463	50	187

The Companies are filing their 2024 ESAP Informational Report concurrent with this application, which provides additional information on customer enrollment.

9. Q. PLEASE DESCRIBE THE PROPOSED BUDGET THAT WAS APPROVED FOR ESAP.

A. In the Companies’ joint application for approval of the ESAP Implementation Plan, filed December 1, 2020, Docket No. 20-12003, the Companies acknowledged that costs to implement ESAP were unknown but were based on cost estimates from

other programs, such as the clean energy programs, that the Companies then currently operated. The ESAP Implementation Plan provided for a proposed total annual budget of \$1,195,000, which was divided among several categories with a 60/40 percent allocation methodology between Nevada Power and Sierra, respectively. In the Order in Docket No. 20-12003, the Commission approved the Companies' initial budget, with the understanding that the Companies must still show that the expenditures made were prudent.

10. Q. WHAT WERE THE ACTUAL COSTS THE COMPANIES INCURRED IN 2023 FOR THE IMPLEMENTATION OF ESAP?

A. The 2023 actual costs, which exclude carry, incurred for the implementation of ESAP between January 1, 2023, and December 31, 2023, totaled \$250,384.88. This total was composed of costs associated with ESAP application processing and ESAP marketing and outreach. The 2023 expenses are summarized in **Table Massic-Direct-2** below:

**Table Massic-Direct-2
2023 ESAP Costs**

Cost Category	Costs
<i>Application Processing</i>	<i>Amount</i>
• Active TeleSource	• \$59,076.71
• Las Vegas Pre-sort	• \$1,037.36
<i>Program Marketing & Outreach</i>	
• R & R Partners Inc	• \$185,979.51
• Elite Branded Gear	• \$3,406.21
• Vitral LLC	• \$401.00
• Staples Inc	• \$313.10
• Pacific Office Automation	• \$150.85
• American Color Systems	• \$20.14
Total Costs	\$250,384.88

11. Q. **WHAT ARE NEVADA POWER AND SIERRA'S ALLOCATIONS FOR THE 2023 ESAP COSTS?**

A. Nevada Power's total cost allocation is \$ 147,004.59 of which \$33,114.60 was utilized for application processing, and \$113,889.99 was utilized for program marketing and outreach. Sierra's total cost allocation is \$103,380.29 of which \$26,999.47 was utilized for application processing, and \$76,380.82 was utilized for program marketing and outreach.

12. Q. **PLEASE SUMMARIZE WHAT THE ESAP APPLICATION PROCESSING COSTS INCLUDED.**

A. The Companies utilized an external vendor to process ESAP applications. Active TeleSource provided up to eight full-time equivalent team members for a total cost of \$59,076.71. In addition, total costs for pre-sort and mailing services were \$1,037.36.

13. Q. **PLEASE SUMMARIZE THE ESAP MARKETING AND OUTREACH COSTS INCURRED.**

A. The Companies commenced community outreach for ESAP on July 22, 2023. The outreach included a specific webpage on the Companies' website that outlined details and timelines. This did not incur costs as it was created and generated by the Companies' internal Corporate Communications team. Due to no incremental costs being approved by Commission for the implementation of ESAP, the direct email blasts that were conducted during the enrollment period were also completed by the Corporate Communications team within normal operations, and therefore, incurred minimal costs for bilingual translation services. Additionally, the Companies conducted multiple in-person outreach events that included but was not limited to

senior expos/centers, health services organizations, family resource centers, community resource fairs, food pantries, Nevada Latino Research Center, Western Industrial Nevada, Western Regional Minority Supplier Development Council, Nevada counties, and non-profits such as United Way, Asian Community Development Council, etc.

Costs were incurred for the marketing products and media plan provided by R&R Partners, Inc. and Elite Branded Gear. The marketing products included social media campaigning on Facebook and Instagram, multiple billboard coverage, bus shelter advertisements, newspaper advertisements, radio communication spots, and document holders. This media plan continued advertisements through the end of customer enrollment, which was October 31, 2023.

14. Q. **PLEASE DESCRIBE THE BUDGET THAT WAS PROVIDED IN DOCKET NO. 20-12003 TO THE COMMISSION VERSUS THE ACTUAL COSTS INCURRED.**

A. There is a significant cost difference between the proposed annual budget presented in the Companies' joint application for approval of the ESAP Implementation Plan, filed December 1, 2020, Docket No. 20-12003, and the actual costs incurred in 2023. As previously noted, the Companies received preliminary approval of a \$1,195,000 initial annual budget, but only incurred costs of \$250,384.88 in 2023; a difference of \$944,615.12.

A key component to the cost difference is that internal company resources were utilized for customer-friendly process enhancements, which included but was not limited to addition of online application along with a feature to upload supporting

documentation that could be submitted directly to the Companies. For customers enrolled in MyAccount, the application encompassed an auto-populate feature with key customer information such as name, address, account number, etc. Also, internal employees and resources were used to supplement vendor support of application processing, training, customer education outreach, and overall program administration. Since none of the above aforementioned items are considered, incremental costs therefore were not charged to the ESAP regulatory asset.

15. Q. ARE CAPITAL COSTS FROM ESAP ALSO INCLUDED FOR RECOVERY IN THIS APPLICATION?

A. Yes. Capital costs including depreciation and return on community based solar resources are included with the program costs within the ESAP rate calculation. Please refer to **Exhibit N** of the Company's Application, supported by Brian Ahlstedt.

16. Q. DO YOU BELIEVE THE EXPENSES COVERED BY YOUR TESTIMONY WERE PRUDENT?

A. Yes. When the Legislature passed AB465 in 2019 it intended to offer an expanded solar access program to low-income customers, disadvantaged businesses, and eligible premise customers. Through the third year of implementing the ESAP plan, the Companies have enrolled 7,878 customers. The Companies have spent considerable time and resources prudently executing ESAP Plan, well within the budget that was approved in Docket No. 20-12003.

17. Q. DOES THIS CONCLUDE YOUR PREPARED DIRECT TESTIMONY?

A. Yes.

EXHIBIT MASSIC-DIRECT-1

SAUNDRA MASSIC

Statement of Qualifications

WORK EXPERIENCE

Proven professional with over 35 years of experience in project management, business case development, health & welfare programs, policy development, benchmarking, and engaging in external facing functions with customers, third parties, to include suppliers, vendors, and the Public Utilities Commission of Nevada.

NV Energy, Reno, Nevada

2007 – Present

Director, Customer Contact / Senior Project Manager, Customer Operations

- Successfully direct customer contact areas thus driving favorable performance results for call centers, walk-in facilities, and general contact channels
- Successfully increased overall customer participation in second year of Expanded Solar Access Program (ESAP) by 220% and over 420% for the eligible premise category
- Design, map, and implemented comprehensive series of eight control points across multiple divisions that include New Business, Legal, Accounting, & Customer Operations to address complexities of government franchise taxes and annexations
- Effectively analyze and prepare response for deposit-related investigatory docket
- Successfully lead team of twenty-one employees to produce timely and accurate processing of bills while ensuring compliance with regulatory and rate change requisites along with providing world class customer service
- Effectively manage transition of in-house inactive collection activity to outsource business model in expedited timeframe by facilitating RFP process while negotiating favorable collection rate that was the lowest in company history and among utilities nationwide
- Business case development for NV Energy South Peak Workforce Staffing, NV Energy North Automated Service Order, and California Conversion
- Led contract pricing negotiations as well as development and implementation of credit-related, South & North Energy Expos and NV Energize Outbound Calling projects involving CIS, Corporate Communications, Legal, Corporate Contracting, T&D Systems, external vendor, and IT Infrastructure Services
- Facilitated NV Energy North's first year participation in EEI/AGA survey thus helping benchmark both companies' performance against other utilities to identify best practices
- Benchmarked credit and collection practices to determine NVE's point-of-reference range on net write-off, customer validation, outbound calling, business office, calls handled ratio per customer base etc.
- Led successful resolution of North electric meter tracking to ensure Sarbanes Oxley-related compliance while effectively partnering with Distribution Operations, Supply Chain and EMO team members

1998 – 2006

Senior Consultant, HR Planning & Quality Assurance

- Project management of Open Enrollment (OE) program that included implementation of a flawless IVR system enrollment on part of NVE in half the time of a normal OE planning season while implementing complex provider changes. Additionally drive cost reductions by eliminating flex pricing resulting in shifting costs
- Maintained collaborative relationships with BU1245 and BU396 concerning benefit programs, issue resolutions with focus and dialogue aimed at producing positive results by conducting health plan rate and plan document reviews with both unions
- Perform analysis and provide recommendations for System Control negotiations on health, welfare, leave/PTO, and disability programs
- Vendor management of complex technical operating issues such as HIPAA assistance, case management etc.

- Planning & implementation of HIPAA Privacy Regulations to include process development, training, participant communication, document management set-up to administer claims and business associate agreements
- Ensure compliance for multiple health plan documents

1992 – 1997

Senior/Budget Analyst

- Development and implementation of two budget systems
- Automated monthly financial and performance reports
- Prepared capital forecasts, analyses, and interpretation of forecast results
- Monitored project allocations to ensure proper clearing of costs
- Gathered, analyzed, track and report functional area costs, budgets, variances, operational, and performance statistics for management and regulatory agencies

1988 - 1991

Accounting System Analyst / Student Intern

- Conduct high-level needs analysis, prepared associated business requirement specifications, design, plan, test and implement modifications and enhancements to financial and accounting systems
- Ensured system control points were adequate for compliance requirements as related to accounting and financial systems to produce accurate information on a timely basis
- System advisor to the organization for financial and accounting systems

Education

University of Nevada, Reno

Bachelor of Science, Business Administration

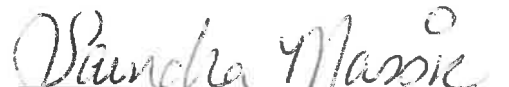
Emphasis in Accounting & Computer Information Systems

AFFIRMATION

Pursuant to the requirements of NRS 53.045 and NAC 703.710, SAUNDRA MASSIC, states that she is the person identified in the foregoing prepared testimony and/or exhibits; that such testimony and/or exhibits were prepared by or under the direction of said person; that the answers and/or information appearing therein are true to the best of her knowledge and belief; and that if asked the questions appearing therein, her answers thereto would, under oath, be the same.

I declare under penalty of perjury that the foregoing is true and correct.

Date: March 1, 2024


SAUNDRA MASSIC