

**KyPSC Case No. 2021-00086**  
**TABLE OF CONTENTS**

<b><u>DATA REQUEST</u></b>	<b><u>WITNESS</u></b>	<b><u>TAB NO.</u></b>
STAFF-DR-01-001	Alan Mok John Swez .....	1
STAFF-DR-01-002	John Swez .....	2
PUBLIC STAFF-DR-01-003	Michael Chen John Swez .....	3
STAFF-DR-01-004	John Swez .....	4
STAFF-DR-01-005	Michael Chen John Swez .....	5
STAFF-DR-01-006	Jennifer Poppler John Swez .....	6
STAFF-DR-01-007	Jennifer Poppler John Swez .....	7
STAFF-DR-01-008	John Swez .....	8
STAFF-DR-01-009	Michael Chen John Swez .....	9

**Duke Energy Kentucky**  
**Case No. 2021-00086**  
**STAFF First Set Data Requests**  
**Date Received: April 14, 2021**

**STAFF-DR-01-001**

**REQUEST:**

Provide the planning reserve margin that is assigned to Duke Kentucky under PJM Interconnection, LLC's (PJM) tariff.

**RESPONSE:**

The current planning Installed Reserve Margin (IRM) that is assigned to Duke Energy Kentucky under the PJM tariff is 14.7% based on the 2020 PJM IRM study. While IRM multiplied by the peak load forecast provides the installed capacity required to meet the reliability criterion, the Forecast Pool Requirement (FPR) multiplied by the peak load forecast provides unforced capacity (UCAP) values, or that required to meet the reliability criterion.

The Forecast Pool Requirement for the Delivery Year is equal to:

$$\text{FPR} = (1 + \text{IRM}) * (1 - \text{PJM Pool-wide Average EFORD})$$

In 2020 IRM study, the Pool-Wide Average EFORD in PJM was 5.22%. Thus, the Forecasted Pool Requirement that is assigned to Duke Energy Kentucky is  $(1 + 0.147) * (1 - 0.0522) = 1.0871$  or 8.71%.

**PERSON RESPONSIBLE:** Alan Mok  
John Swez

**Duke Energy Kentucky**  
**Case No. 2021-00086**  
**STAFF First Set Data Requests**  
**Date Received: April 14, 2021**

**STAFF-DR-01-002**

**REQUEST:**

Explain what exposure Duke Kentucky will have to incremental risks related to the PJM Capacity Performance requirements and penalties and whether and how Duke Kentucky mitigates such incremental risks, if any.

**RESPONSE:**

The Company's East Bend Station meets the requirements of a Capacity Performance resource in that it is a coal fired facility with a significant reserve of fuel stored on-site. Further, with the addition of a backup fuel oil system at Woodsdale Station in 2019, these six combustion turbines also now meet PJM's requirements of a Capacity Performance resource. In addition, the Company takes proactive steps to invest in the maintenance of East Bend and Woodsdale stations through strategies designed to reduce the possibility, likelihood, and duration of forced outages. The results of this strategy can be seen by the relatively low forced outages rates at each station.

Ultimately, forced outages can occur at any time, thus there is currently not a cost-effective way to eliminate 100% of the risk of a unit becoming unavailable during a PJM capacity performance event. However, the Company takes additional steps to minimize this risk to the extent possible. For example, our teams periodically monitor and discuss the likelihood of a PJM capacity performance event and implements plans to reduce the exposure to this risk as much as practical. This may include not de-committing East Bend station if marginal ("at the money") during times of high PJM loads or significant planned

outages, or staffing Woodsdale Station during weekend or nighttime hours to ensure that station personnel are on site to deal with issues related to a potential failed startup (Woodsdale Station has remote start capability; thus, these units can be started 24 hours a day, 7 days a week from a remote site without station personnel present). The results of this plan were implemented and could be seen during the recent cold snap between February 13-20, 2021. East Bend generated at full load during every hour of this 8-day period with the exception of 4 hours when the unit was reduced in output briefly during overnight hours. Additionally, Woodsdale Station was made available and offered to PJM on fuel oil for much of this time; absent the backup fuel oil system, the units would have only been offered to PJM during parts of this time period as natural gas availability was marginal during this time. Accordingly, the fuel-oil system actually improved the availability of the Woodsdale units, making the station less susceptible to pricing and availability constraints on the natural gas pipeline feeding the station.

**PERSON RESPONSIBLE:** John Swez



**REQUEST:**

Refer to the Application, page 1. On March 31, 2020, Duke Kentucky filed an application to extend the deadline for filing its next backup power supply plan from March 1, 2020, until March 1, 2021. Provide an analysis of the effectiveness of Duke Kentucky's most recent backup supply plan, which covers June 1, 2017, through May 31, 2021.

**RESPONSE:**

**CONFIDENTIAL PROPRIETARY TRADE SECRET**

Duke Energy Kentucky currently has realized values through March 31, 2021. As explained in the Company's submitted Back-Up Power Supply Plan, PJM daily energy market purchases were used as part of the strategy to manage scheduled outages. In addition, the Company entered into financial hedging agreements for many of these scheduled outages, which for the period June 1, 2017 through March 31, 2021, resulted in an overall gain of [REDACTED] including exchange and transaction fees. Specifically, for the period from June 2017 through May 2018 financial hedges resulted in a gain of [REDACTED] for the period June 2018 through May 2019 hedges resulted in a loss of [REDACTED] for the period June 2019 through May 2020 hedges resulted in a loss of [REDACTED] and for the period June 2020 through March 2021 hedges resulted in a loss of [REDACTED]

Regarding forced outage substitute power costs, those above the cost of fuel from units that had forced generation or transmission outages, and which are not recovered by the Company through the Fuel Adjustment Clause, the Company primarily used the PJM

daily energy market to purchase energy for native load. Between June 1, 2017 and March 31, 2021, the Company incurred energy market costs of [REDACTED] for costs related to forced outages. Specifically, for the period from June 2017 through May 2018 the Company incurred energy market costs of [REDACTED] for the period from June 2018 through May 2019 the cost was [REDACTED] for the period from June 2019 through May 2020 the cost was [REDACTED] and for the period June 2020 through March 2021 the Company incurred energy market costs of [REDACTED]. By comparison, the historical average annual cost from 2007 through 2016 for forced outages has been roughly [REDACTED].

Duke Energy Kentucky believes that over the longer term, its strategy has been sound and cost effective.

**PERSON RESPONSIBLE:** Michael Chen  
John Swez

**Duke Energy Kentucky**  
**Case No. 2021-00086**  
**STAFF First Set Data Requests**  
**Date Received: April 14, 2021**

**STAFF-DR-01-004**

**REQUEST:**

Refer to the Application, page 3. Explain how Due Kentucky remaining as a Fixed Resource Requirement entity is in the best interests of customers.

**RESPONSE:**

There are many factors that need considered when comparing and contrasting the PJM Fixed Resource Requirement (FRR) capacity construct versus the PJM Reliability Pricing Model (RPM) construct. The following is a brief discussion of the most significant issues. One of the most significant differences is that under the FRR, Duke Energy Kentucky is not subject to PJM's Minimum Offer Price Rule (MOPR) due to the Company's self-supply obligation. Namely, if Duke Energy Kentucky switched from an FRR entity to an RPM entity, the requirement to offer the newly built generator at the PJM MOPR is potentially problematic. Under the FRR plan, Duke Energy Kentucky can use this new unit's capacity in its FRR plan. However, under the RPM, the unit would be required to be offered at a minimum price equal to the MOPR, potentially meaning that the unit would not clear the capacity auction. Thus, under RPM, Duke Energy Kentucky customers could potentially pay twice when constructing a new generating unit; once for constructing the unit and once in the likely event that the unit would not clear the PJM capacity auction. Thus, in this event, customers would receive zero capacity revenue, still purchase the load obligation from PJM, and, in addition, pay to construct the new asset.

In addition, the FRR offers a physical option to cure any Capacity Performance penalties after-the-fact by adding required additional capacity in its FRR plan for the subsequent year, which allows the Company to avoid paying Capacity Performance penalties. RPM does not offer this physical cure option.

Finally, note that the FRR construct does allow Duke Energy Kentucky to sell excess capacity into PJM, but only after it carries 103% of the load obligation.

**PERSON RESPONSIBLE:** John Swez

**Duke Energy Kentucky  
Case No. 2021-00086  
STAFF First Set Data Requests  
Date Received: April 14, 2021**

**STAFF-DR-01-005**

**REQUEST:**

Refer to the Application, page 4. Duke Kentucky states that it proposes to implement its New Plan for the delivery years 2021-2022, 2022-2023, and 2023-2024, and will continue to evaluate its current backup power supply plan and make any adjustments necessary due to changing conditions. Explain whether the evaluation will be periodic, ongoing, or is triggered by certain conditions, such as the economy, weather, or other factors.

**RESPONSE:**

Evaluation of Duke Energy Kentucky's Backup Power Supply Plan is an ongoing process. The Company will monitor factors such as changes in market price, price volatility, and expected generation unit forced outage rates and make adjustments to the plan as necessary.

**PERSON RESPONSIBLE:** Michael Chen  
John Swez

**Duke Energy Kentucky**  
**Case No. 2021-00086**  
**STAFF First Set Data Requests**  
**Date Received: April 14, 2021**

**STAFF-DR-01-006**

**REQUEST:**

Refer to Application, page 8.

- a. Provide a copy of the Request for Proposals (RFP) that was issued through PowerAdvocate on September 9, 2020.
- b. Define and describe “Back Stand Energy Call Options.”
- c. Define and describe “Daily Call Options.”

**RESPONSE:**

- a. Please see STAFF-DR-01-006 Attachment.
- b. The Backstand Energy Call Option product is a day-ahead, financially settled call option that can be used in the event of an unplanned outage at East Bend Unit 2 beginning June 1, 2021 through May 31, 2024. Backstand Energy products can be proposed for a maximum rate of energy of 600 MW per hour and a minimum rate of 50 MW per hour.

When an unplanned outage occurs at East Bend Unit 2, Duke Energy Kentucky will have the right, but not the obligation, to call on a financially settled amount of replacement energy proposed by the Bidder on a day-ahead scheduled basis. The backstand energy call option strike quantity will be the amount of replacement energy specified in each contract. Energy pricing may be a fixed price dollar per megawatt hour (\$/MWH) or heat rate call option tied to the price of natural gas or coal (Chicago Citygate and NYMEX Coal indices respectively). The called energy will be financially settled on a day-ahead basis price at the Settlement Point (defined as the hub at which the financial settlement takes place) with a

preference for the PJM AD Hub or alternatively the PJM Western Hub throughout the term of the offer. This product will cover the financial difference in bidder proposed strike price (fixed price or index price) as compared to replacement energy from the PJM AD Hub (preferred) or PJM Western Hub settlement point. Different product options for the number of strike limitations per year and the time periods covered are shown below in the Product Parameters matrix in Section III.

#### Backstand Energy Call Option Bid Requirements

The table below outlines the product requirements for Backstand Energy Call Options. The bid contract duration terms must be for two and/or three years in the June 1, 2021 to May 31, 2024 timeframe with a minimum size of 50 MW per hour and a maximum size of 600 MW per hour. The Settlement Point will be on day-ahead price basis from the AD Hub (preferred) or PJM Western Hub. Gas index call options must be priced on either a 7.0 MMBtu/MWh, 11.0 MMBtu/MWh, or 14.0 MMBtu/MWh (or higher) heat rate using Chicago Citygate Gas Daily index prices. Coal index call options must be priced on a 10 MMBtu/MWh heat rate using NYMEX coal index prices. All options must be exercised by 10:30 AM Eastern Prevailing Time (EPT) on a day-ahead basis for the 16 weekday on-peak hours (including Sunday notifications for Monday) as called upon by the buyer. Options will be priced with annual strike limitations of 15, 25, 40, or unlimited. Calls can only be exercised during an unplanned outage at East Bend Unit 2.

[REMAINDER OF PAGE INTENTIONALLY LEFT BLANK]

<b>Product Parameters – Backstand Energy Call Options</b>	
Condition Precedent	Unplanned Outage at East Bend Unit 2
Term	2-3 years in the June 1, 2021 – May 31, 2024 timeframe Term 1: June 1, 2021-May 31, 2023 Term 2: June 1, 2021-May 31, 2024
Minimum Size Offering	50 MW per Hour
Maximum Size Offering	600 MW per Hour (50 MW Increments)
Power Price Index (Settlement Point)	PJM AD Hub (Preferred), PJM Western Hub
Gas Price Index	Chicago Citygate Gas Daily index
Coal Price Index	NYMEX Coal
Gas Heat Rate Index	7.0 MMBtu/MWh
	11.0 MMBtu/MWh
	14.0 MMBtu/MWh or higher
Coal Heat Rate Index	10.0 MMBtu/MWh
Fixed Strike Price	\$/MWh
Time Period Covered	16 hours weekday on-peak (HE 0800 EPT -2300 EPT) or (07:00 am EPT through 11:00 PM EPT)
Exercise Notification	10:30 AM EPT Day Ahead (including Sunday notification for Monday)
Strike Limitations	15 Strikes/Year
	25 Strikes/Year
	40 Strikes/Year
	Unlimited Strikes

c. Daily call options are financial energy products for up to 600 MW per hour beginning on June 1, 2021 that must be available for a term of two to three years. Minimum financial product quantity will be 50 MW per hour. Energy pricing may be a fixed price (\$/MWh) or heat rate call option tied to the price of natural gas or coal (Chicago Citygate and NYMEX Coal indices respectively) at the Settlement Point. This product can be called upon anytime as a financially settled product on a day-ahead price basis at the Settlement Point (with a preference for the PJM AD Hub or alternatively the PJM Western Hub) throughout the term of the offer. Different product options for number of strike limitations per year and time periods covered are shown below in the Product Parameters matrix in Section III.



### Daily Call Option Description Bid Requirements

The table below outlines the requirements for daily call options. The bid contract duration terms must be for two and/or three years in the June 1, 2021 to May 31, 2024 timeframe with a minimum size of 50 MW per hour and a maximum size of 600 MW per hour. The Settlement Point will be on a day-ahead price basis from the AD Hub (preferred) or PJM Western Hub. Gas index call options must be priced on either a 7.0 MMBtu/MWh, 11.0 MMBtu/MWh, or 14.0 MMBtu/MWh (or higher) heat rate with Chicago Citygate Gas Daily index prices. Coal index call options must be priced on a 10.0 MMBtu/MWh heat rate using NYMEX coal index prices. All options must be exercised by 10:30 AM EPT on a day-ahead basis for the 16 weekday on-peak hours (including Sunday notification for Monday) as called upon by the buyer. Options will be priced with annual strikes limitations of 15, 25, 40, or unlimited. Calls options can be exercised at any time with no bearing on the availability of the East Bend Unit 2.

[REMAINDER OF PAGE INTENTIONALLY LEFT BLANK]

<b>Product Parameters – Daily Call Options</b>	
Condition Precedent	None
Term	2-3 years in the June 1, 2021 – May 31, 2024 timeframe Term 1: June 1, 2021-May 31, 2023 Term 2: June 1, 2021-May 31, 2024
Minimum Size Offering	50 MW per Hour
Maximum Size Offering	600 MW per Hour (50 MW Increments)
Power Price Index (Settlement Point)	PJM AD Hub (Preferred), PJM Western Hub
Gas Price Index	Chicago Citygate Gas Daily index
Coal Price Index	NYMEX Coal
Gas Heat Rate Index	7.0 MMBtu/MWh
	11.0 MMBtu/MWh
	14.0 MMBtu/MWh or higher
Coal Heat Rate Index	10 MMBtu/MWh
Fixed Strike Price	\$/MWh
Time Period Covered	16 hours weekday on-peak (HE 0800 EPT -2300 EPT) or (07:00 am EPT through 11:00 PM EPT)
Exercise Notification	10:30 AM EPT Day Ahead (including Sunday notification for Monday)
Strike Limitations	15 Strikes/Year
	25 Strikes/Year
	40 Strikes/Year
	Unlimited Strikes

**PERSON RESPONSIBLE:** Jennifer Poppler  
John Swez



**Duke Energy Kentucky, Inc.**  
**Request for Proposals for Backstand  
Energy for Planning Years 2021-2024**

**PowerAdvocate Event #108669**

**Dated: September 9, 2020**

**Proposals Due: October 16, 2020**

## I. Purpose of Request for Proposals

Duke Energy Kentucky, Inc. (DEK) offers this Request for Proposals (RFP) for the purpose of acquiring financial products for up to 600 megawatts (MW) of energy for its East Bend Unit 2 coal unit during the period of June 1, 2021 through May 31, 2024.

DEK is looking for a variety of financial offerings such as backstand call options, daily call options, and insurance products. DEK seeks proposals that will provide the greatest value to DEK and its customers during unplanned outages at East Bend Unit 2, as well as products that can be called on anytime as a financially settled product.

An unplanned outage in this RFP refers to events where the entire East Bend Unit 2 becomes unavailable because of a system failure or unplanned event. It doesn't include partial or whole unit shutdowns due to economics or partial derates attributable to either planned or forced outages.

DEK will utilize PowerAdvocate to administer the RFP. PowerAdvocate is a web-based platform that provides centralization of proposals and communications from RFP issuers while maintaining confidentiality among respondents. PowerAdvocate will provide information and instructions for respondents to this RFP. Respondents must submit their proposals to the PowerAdvocate platform on or before 5:00 pm EPT on October 16, 2020. Bids from affiliates of Duke Energy Kentucky will not be accepted.

Duke Energy Corporation's regulated operations serve 7.4 million electric retail customers located in six states in the Southeast and Midwest. Duke Energy is a Fortune 125 company traded on the New York Stock Exchange under the symbol DUK. More information about the company is available on the internet at [www.duke-energy.com](http://www.duke-energy.com).

## II. Product Definition & Eligibility

DEK is requesting proposals for the purchase of the following products:

1. Backstand Energy Call Option: The Backstand Energy Call Option product is a day-ahead, financially settled call option that can be used in the event of an unplanned outage at East Bend Unit 2 beginning June 1, 2021 through May 31, 2024. Backstand Energy products can be proposed for a maximum rate of energy of 600 MW per hour and a minimum rate of 50 MW per hour.

When an unplanned outage occurs at East Bend Unit 2, DEK will have the right, but not the obligation, to call on a financially settled amount of replacement energy proposed by the Bidder on a day-ahead scheduled basis. The backstand energy call option strike quantity will be the amount of replacement energy specified in each contract. Energy pricing may be a fixed price dollar per megawatt hour (\$/MWH) or heat rate call option tied to natural gas or coal (Chicago Citygate and NYMEX Coal indices respectively). The called energy will be financially settled on a day-ahead basis price at the Settlement Point (defined as the hub at which the financial settlement takes place) with a preference for the PJM AD Hub or alternatively the PJM Western Hub throughout the term of the offer. This product will cover the financial difference in bidder proposed strike price (fixed price or index price) as compared to replacement energy from the PJM AD Hub (preferred) or PJM Western Hub settlement point. Different product options for the number of strike limitations per year and the time periods covered are shown below in the Product Parameters matrix in Section III.

2. Daily Call Options: Daily call options are financial energy products for up to 600 MW per hour beginning on June 1, 2021, that must be available for a term of two to three years. Minimum financial product quantity will be 50 MW per hour. Energy pricing may be a fixed price (\$/MWh) or heat rate call option tied to natural gas or coal (Chicago Citygate and NYMEX Coal indices respectively) at the Settlement Point. This product can be called upon anytime as a financially settled product on a day-ahead price basis at the Settlement Point (with a preference for the PJM AD Hub or alternatively the PJM Western Hub) throughout the term of the offer. Different product options for number of strike limitations per year and time periods covered are shown below in the Product Parameters matrix in Section III.
3. Insurance Products: Insurance products are financial products in which a premium is paid as financial insurance against the backstand energy during an unplanned outage at DEK's East Bend Unit 2. Insurance products may include premiums, deductibles, and insurance payment caps. This insurance product will cover the financial difference in strike price preset in this RFP (fixed price in \$/MWh) as compared to backstand energy for the unplanned outage from the PJM AD Hub (preferred) or PJM Western Hub Settlement Point.

### III. Product Parameters

**Backstand Energy Call Options**

The table below outlines the product requirements for Backstand Energy Call Options. The bid contract duration terms must be for two and/or three years in the June 1, 2021 to May 31, 2024 timeframe with a minimum size of 50 MW per hour and a maximum size of 600 MW per hour. The Settlement Point will be on day-ahead price basis from the AD Hub (preferred) or PJM Western Hub. Gas index call options must be priced on either a 7.0 MMBtu/MWh, 11.0 MMBtu/MWh, or 14.0 MMBtu/MWh (or higher) heat rate using Chicago Citygate Gas Daily index prices. Coal index call options must be priced on a 10 MMBtu/MWh heat rate using NYMEX coal index prices. All options must be exercised by 10:30 AM Eastern Prevailing Time (EPT) on a day-ahead basis for the 16 weekday on-peak hours (including Sunday notifications for Monday) as called upon by the buyer. Options will be priced with annual strike limitations of 15, 25, 40, or unlimited. Calls can only be exercised during an unplanned outage at East Bend Unit 2.

<b>Product Parameters – Backstand Energy Call Options</b>	
Condition Precedent	Unplanned Outage at East Bend Unit 2
Term	2-3 years in the June 1, 2021 – May 31, 2024 timeframe Term 1: June 1, 2021-May 31, 2023 Term 2: June 1, 2021-May 31, 2024
Minimum Size Offering	50 MW per Hour
Maximum Size Offering	600 MW per Hour (50 MW Increments)
Power Price Index (Settlement Point)	PJM AD Hub (Preferred), PJM Western Hub
Gas Price Index	Chicago Citygate Gas Daily index
Coal Price Index	NYMEX Coal
Gas Heat Rate Index	7.0 MMBtu/MWh 11.0 MMBtu/MWh 14.0 MMBtu/MWh or higher
Coal Heat Rate Index	10.0 MMBtu/MWh
Fixed Strike Price	\$/MWh
Time Period Covered	16 hours weekday on-peak (HE 0800 EPT - 2300 EPT) or (07:00 am EPT through 11:00 PM EPT)
Exercise Notification	10:30 AM EPT Day Ahead (including Sunday notification for Monday)
Strike Limitations	15 Strikes/Year 25 Strikes/Year 40 Strikes/Year Unlimited Strikes

**Daily Call Options**

The table below outlines the requirements for daily call options. The bid contract duration terms must be for two and/or three years in the June 1, 2021 to May 31, 2024 timeframe with a minimum size of 50 MW per hour and a maximum size of 600 MW per hour. The Settlement Point will be on a day-ahead price basis from the AD Hub (preferred) or PJM Western Hub. Gas index call options must be priced on either a 7.0 MMBtu/MWh, 11.0 MMBtu/MWh, or 14.0 MMBtu/MWh (or higher) heat rate with Chicago Citygate Gas Daily index prices. Coal index call options must be priced on a 10.0 MMBtu/MWh heat rate using NYMEX coal index prices. All options must be exercised by 10:30 AM EPT on a day-ahead basis for the 16 weekday on-peak hours (including Sunday notification for Monday) as called upon by the buyer. Options will be priced with annual strikes limitations of 15, 25, 40, or unlimited. Calls options can be exercised at any time with no bearing on the availability of the East Bend Unit 2.

<b>Product Parameters – Daily Call Options</b>	
Condition Precedent	None
Term	2-3 years in the June 1, 2021 – May 31, 2024 timeframe Term 1: June 1, 2021-May 31, 2023 Term 2: June 1, 2021-May 31, 2024
Minimum Size Offering	50 MW per Hour
Maximum Size Offering	600 MW per Hour (50 MW Increments)
Power Price Index (Settlement Point)	PJM AD Hub (Preferred), PJM Western Hub
Gas Price Index	Chicago Citygate Gas Daily index
Coal Price Index	NYMEX Coal
Gas Heat Rate Index	7.0 MMBtu/MWh
	11.0 MMBtu/MWh
	14.0 MMBtu/MWh or higher
Coal Heat Rate Index	10 MMBtu/MWh
Fixed Strike Price	\$/MWh
Time Period Covered	16 hours weekday on-peak (HE 0800 EPT - 2300 EPT) or (07:00 am EPT through 11:00 PM EPT)
Exercise Notification	10:30 AM EPT Day Ahead (including Sunday notification for Monday)
Strike Limitations	15 Strikes/Year
	25 Strikes/Year
	40 Strikes/Year
	Unlimited Strikes

**Insurance Products**

The table below outlines the requirements for the insurance product. The term must be for two and/or three years in the June 1, 2021 to May 31, 2024 timeframe with a minimum size of 50 MW per hour and a maximum size of 600 MW per hour. The bidders must use the RFP preset strike price that will be settled on a day-ahead basis against AD Hub (preferred) or PJM Western Hub. Bidders should also provide any premiums based on deductibles or insurance payment caps as listed in the Product Parameters table below. The time period covered will be the PJM on-peak 16 weekday hours. Insurance products will only be applicable during unplanned outages at East Bend Unit 2.

<b>Product Parameters – Insurance Products</b>	
Condition Precedent	Unplanned Outage at East Bend Unit 2
Term	2-3 years in the June 1, 2021 – May 31, 2024 timeframe Term 1: June 1, 2021 – May 31, 2023 Term 2: June 1, 2021 – May 31, 2024
Minimum Size Offering	50 MW per Hour
Maximum Size Offering	600 MW per Hour (50 MW Increments)
Power Price Index (Settlement Point)	PJM AD Hub (Preferred), PJM Western Hub
Fixed Strike Price/Insured Price	\$25/MWh
Annual Deductible	\$3 million
Annual Premiums	Please Provide
Time Period Covered	16 hours weekday on-peak (HE 0800 EPT - 2300 EPT) or (07:00 am EPT through 11:00 PM EPT)
Event Duration Limit	Please provide premium quotes based on consecutive 21-calendar-day and consecutive 180-calendar-day event duration limits respectively
Annual Insurance Payment Caps/Policy Limit	Please Provide premium quotes based on \$10 million and \$20 million policy limits respectively
Time Deductible	Please use consecutive 0-hour, 48-hour and 168-hour (only applicable to 180-day event duration limit) time deductible respectively.



## IV. Instructions to Bidders

### A. Initial RFP Access

PowerAdvocate will be used for the administration of this RFP. PowerAdvocate will provide information and instructions for respondents.

Existing PowerAdvocate Supplier Account:

- Please share your interest in reviewing, Event # 108669: DEK 2020 Backstand RFP with [DEKRFP@duke-energy.com](mailto:DEKRFP@duke-energy.com). Your email should include your PowerAdvocate Supplier Account name and related contact name as listed under your Supplier Account. An invitation to the RFP will be forwarded upon receipt of your email.

Register a New PowerAdvocate Supplier Account:

- For respondents that require a new PowerAdvocate Supplier Account, please visit [www.PowerAdvocate.com](http://www.PowerAdvocate.com), click on “Registration” link at the top right hand corner of the screen, and follow the instruction to complete registration as a Supplier for Event # 108669: DEK 2020 Backstand RFP. Please allow at least one (1) business day for your registration to be completed. Once PowerAdvocate has accepted your registration, please share your interest in reviewing the RFP via an email to, [DEKRFP@duke-energy.com](mailto:DEKRFP@duke-energy.com). An invitation to the event will be forwarded upon receipt of your email.

All communications and responses will be shared within the PowerAdvocate Messaging function. Responses to frequently asked questions may be placed within PowerAdvocate under FAQs for the benefit of all respondents, although care will be taken not to identify any specific respondents.

### B. Schedule

The RFP process will include the activities and events as indicated in the schedule shown below. Proposals will be reviewed for completeness and offers that do not include the information requirements will be notified and allowed a reasonable period to conform.

### Schedule

The schedule as outlined below and referred to throughout this document is based on DEK's expectations of the RFP release, selection of winning respondent(s), and project in-service date. This schedule is subject to change:

<b>Event</b>	<b>Anticipated Date</b>
Release of RFP	September 9, 2020
Notice of Intent to Bid/Nondisclosure Agreement	September 22, 2020
Proposal Submittal Deadline	October 16, 2020
Selection of Short List	November 20, 2020

1. Notice of Intent to Bid (Attachment A)

Each bidder is required to advise DEK of its intent to bid into the RFP by submitting a Notice of Intent to Bid (NOIB) which is included in PowerAdvocate as **Attachment A: Notice of Intent to Bid**.

Bidder's contact information, as supplied in the NOIB, will provide a vehicle for DEK to communicate any updates/revisions to the RFP in a timely manner. We request that bidders submit a NOIB by **September 22, 2020**.

2. Nondisclosure Agreement (Attachment B)

Bidders to this RFP are also required to sign **Attachment B: Nondisclosure Agreement (NDA)** in its present form which is included in PowerAdvocate. Bidders who submit a NOIB and sign the NDA will receive supplementary information on East Bend Unit 2 that may help in developing their bids. Therefore, we request that bidders submit the NDA by **September 22, 2020**.

3. Deadline and Method for Submitting Proposals

All proposals submitted in response to this RFP must be submitted to PowerAdvocate no later than **5:00 PM EPT on October 16, 2020**. DEK will not guarantee evaluation of proposals associated with this RFP if submitted after this time.

Phone inquiries regarding this RFP will not be entertained. All correspondence will take place through the PowerAdvocate messaging platform.

## **V. Proposal Organization**

### 1. Executive Summary

Please provide a detailed overview of the proposal.

### 2. Technical Proposal & Cost

Proposals should contain a detailed description of the pricing terms and conditions. Please refer to Section III.

### 3. Company Data

Please include information on the bidder's corporate structure (including identification of any parent companies), a copy of the bidder's most recent quarterly report containing unaudited consolidated financial statements that is signed and verified by an authorized officer of bidder attesting to its accuracy, a copy of bidder's most recent annual report containing audited consolidated financial statements, and a summary of bidder's relevant experience. Financial statements, annual reports, and other large documents may be referenced via a web site address.

## **VI. Proposal Evaluation and Contract Negotiations**

### 1. Initial Proposal Review

After the proposal submittal deadline, DEK will open and review all responses for completeness and responsiveness. DEK may request that a bidder provide additional information or clarification to its original proposal. DEK will make such requests through PowerAdvocate and specify a deadline for compliance. Failure to provide the requested information or clarification by the deadline may result in disqualification of the proposal.

### 2. Short List Development

DEK will then evaluate all proposals to meet energy needs. Proposals will be evaluated based on present value economics and other factors that may include, but will not be limited to location, credit, relevant experience, technology, availability, outage history, permitting, and deliverability.

During the evaluation process, DEK may or may not choose to initiate discussions with one or more bidders. Discussions with a bidder shall in no way be construed as commencing contract negotiations.

### 3. Contract Negotiations

DEK may contact the bidder of its interest in commencing contract negotiations. DEK's commencement of and participation in negotiations shall not be construed as a commitment to execute a contract. If a contract is negotiated, it will not be effective unless and until it is fully executed with the receipt of all required regulatory approvals.

## **VII. Reservation of Rights**

Nothing contained in this RFP shall be construed to require or obligate DEK to select any proposals or limit the ability of DEK to reject all proposals in its sole and exclusive discretion. DEK further reserves the right to withdraw and terminate this RFP at any time prior to the proposal deadline, selection of a short list, or execution of a contract.

All proposals submitted to DEK pursuant to this RFP shall become the exclusive property of DEK and may be used for any reasonable purpose by DEK. DEK shall consider materials provided by bidder in response to this RFP to be confidential only if such materials are clearly designated as "Confidential." Bidder should be aware that their proposal, even if marked "Confidential", may be subject to discovery and disclosure in regulatory or judicial proceedings that may or may not be initiated by DEK. Bidders may be required to justify the requested confidential treatment under the provisions of a protective order issued in such proceedings. If required by an order of an agency or court of competent jurisdiction, DEK may produce the material in response to such order without prior consultation with the bidder.

**Duke Energy Kentucky**  
**Case No. 2021-00086**  
**STAFF First Set Data Requests**  
**Date Received: April 14, 2021**

**STAFF-DR-01-007**

**REQUEST:**

In Case No. 2017-00117<sup>1</sup>, Duke Kentucky indicated that it would consider adding a business-interruption insurance product tailored to mitigate exposure to market prices from forced outages at East Bend Unit 2, Duke Energy’s only base load unit.

- a. Refer to Application, page 8. Define and describe the “Insurance Products.”
- b. Refer to the Application, pages 15-16. Duke Kentucky states that “[b]ack stand insurance proposals were analyzed to evaluate possible benefits of reducing the Company’s exposure to higher energy costs due to loss of East Bend’s 600 MWs as a result of unscheduled outages.” Explain whether the “Insurance Products” associated with the RFP were evaluated for the purpose of mitigating any Capacity Performance penalties that could be levied against Duke Kentucky by PJM due to nonperformance during a Capacity Performance assessment hour.

**RESPONSE:**

- a. **Insurance Product Description**

Insurance products are financial products in which a premium is paid as financial insurance against the backstand energy during an unplanned outage at Duke Energy Kentucky’s East Bend Unit 2. Insurance products may include premiums, deductibles, and insurance payment caps. This insurance product will cover the financial difference in strike price preset in the RFP (fixed price in \$/MWh) as compared to backstand energy for the

---

<sup>1</sup> Case No. 2017-00117, *Back-Up Power Supply Plan of Duke Energy Kentucky, Inc.* (Ky.P.S.C. May 31, 2017).

unplanned outage from the PJM AD Hub (preferred) or PJM Western Hub Settlement Point.

**Insurance Products Bid Requirements**

The table below outlines the requirements for the insurance product. The term must be for two and/or three years in the June 1, 2021 to May 31, 2024 timeframe with a minimum size of 50 MW per hour and a maximum size of 600 MW per hour. The bidders must use the RFP preset strike price that will be settled on a day-ahead basis against AD Hub (preferred) or PJM Western Hub. Bidders should also provide any premiums based on deductibles or insurance payment caps as listed in the Product Parameters table below. The time period covered will be the PJM on-peak 16 weekday hours. Insurance products will only be applicable during unplanned outages at East Bend Unit 2.

<b>Product Parameters – Insurance Products</b>	
Condition Precedent	Unplanned Outage at East Bend Unit 2
Term	2-3 years in the June 1, 2021 – May 31, 2024 timeframe Term 1: June 1, 2021 – May 31, 2023 Term 2: June 1, 2021 – May 31, 2024
Minimum Size Offering	50 MW per Hour
Maximum Size Offering	600 MW per Hour (50 MW Increments)
Power Price Index (Settlement Point)	PJM AD Hub (Preferred), PJM Western Hub
Fixed Strike Price/Insured Price	\$25/MWh
Annual Deductible	\$3 million
Annual Premiums	Please Provide
Time Period Covered	16 hours weekday on-peak (HE 0800 EPT - 2300 EPT) or (07:00 am EPT through 11:00 PM EPT)
Event Duration Limit	Please provide premium quotes based on consecutive 21-calendar-day and consecutive 180-calendar-day event duration limits respectively
Annual Insurance Payment Caps/Policy Limit	Please Provide premium quotes based on \$10 million and \$20 million policy limits respectively
Time Deductible	Please use consecutive 0-hour, 48-hour and 168-hour (only applicable to 180-day event duration limit) time deductible respectively.

b. Insurance Product offers received and analyzed in this Backup Power Supply Plan were business interruption insurance. The payout function of such insurance is based on the difference between the expected cost of East Bend 2 and the cost of replacement power. Such product is not designed to mitigate Capacity Performance penalties that could be levied against Duke Energy Kentucky by PJM due to nonperformance during a Capacity Performance assessment hour. Duke Energy Kentucky considered Capacity Performance insurance separately in the past, but it is not part of the current Request for Proposals and backup plan.

**PERSON RESPONSIBLE:** Jennifer Poppler  
John Swez

**Duke Energy Kentucky**  
**Case No. 2021-00086**  
**STAFF First Set Data Requests**  
**Date Received: April 14, 2021**

**STAFF-DR-01-008**

**REQUEST:**

For the years 2019 and 2020:

- a. Provide the number of unforced outages by month and by unit.
- b. For each unforced outage, explain whether Duke Kentucky made a PJM energy market purchase via Alternative B.
- c. If 8.b. is affirmative, provide the cost of each energy purchase.

**RESPONSE:**

a. For the purpose of this response, it was assumed that the question was referring to a listing of the number of forced outages by month and unit, not unforced (scheduled outages). Please see STAFF-DR-01-008 Attachment.

b. For each East Bend forced outage, due to East Bend's typical commitment status as a Must Run unit, a corresponding PJM energy purchase was made for each forced outage up to the amount of customer demand in that hour. Please refer to STAFF-DR-01-008 Attachment; the cost of the purchase for each East Bend forced outage is shown on the "EBS" worksheet tab in column E. Note that the total purchase cost is shown in this column, not the amount of the purchase that was above the fuel cost of the unit, as was calculated in the response to STAFF-DR-01-003.

For each Woodsdale unit 1-6 forced outage, in order to calculate the corresponding purchase amount, an assumption had to be made regarding PJM's commitment of the Woodsdale unit absent the particular forced outage. For this calculation, it was assumed



that PJM would have committed the unit absent the forced outage, however, this is usually not the case as Woodsdale units have a relative low net capacity factor (NCF). Please refer to STAFF-DR-01-008 Attachment; the cost of the purchase for each Woodsdale 1 forced outage is shown on the “WDS1” worksheet tab in column E, the cost of the purchase for each Woodsdale 2 forced outage is shown on the “WDS2” worksheet in column E, etc. Note that the total purchase cost is shown in this column, not the amount of the purchase that was above the fuel cost of the unit, as was calculated in the response to STAFF-DR-01-003.

As noted, the purchase expense is the total cost of the additional energy purchase from PJM as a result of the forced outage. Thus, this purchase cost includes the total cost of the purchase at the prevailing LMP. For example, if East Bend’s cost to run is \$25/MWh and the unit had a forced outage that resulted in an additional 500 MW of purchase energy at \$27/MWh, the purchase expense shown would be \$12,500 (500 MW x \$25/MWh), not the economic impact of the loss of East Bend in this hour of \$1,000 (\$2/MWh x 500 MW).

c. See response to STAFF-DR-01-008(b) above.

**PERSON RESPONSIBLE:** John Swez

**Forced Outages by Month: 2019-2020**

	East Bend	Start Time	End Time	Purchase Expense (\$)
Jan-19	0			
Feb-19	0			
Mar-19	1	3/30/2019 11:00	4/3/2019 0:00	\$ 1,114,045
Apr-19	1	Continued from previous month	Continued from previous month	N/A
May-19	1	5/31/2019 16:29	6/1/2019 9:22	\$ 174,610
Jun-19	1	Continued from previous month	Continued from previous month	N/A
Jul-19	0			
Aug-19	0			
Sep-19	0			
Oct-19	1	10/1/2019 15:10	10/3/2019 22:00	\$ 1,409,841
Nov-19	2	11/24/2019 17:12	11/25/2019 2:46	\$ 104,770
		11/26/2019 9:50	11/26/2019 13:40	\$ 51,075
Dec-19	0			
Jan-20	0			
Feb-20	0			
Mar-20	1	3/2/2020 10:20	3/3/2020 2:02	\$ 154,906
Apr-20	0			
May-20	0			
Jun-20	1	6/1/2020 17:45	6/2/2020 21:00	\$ 291,946
Jul-20	1	7/25/2020 19:18	7/26/2020 2:02	\$ 78,619
Aug-20	0			
Sep-20	0			
Oct-20	0			
Nov-20	0			
Dec-20	0			

**Forced Outages by Month: 2019-2020**

	<b>Woodsdale 1</b>	Start Time	End Time	Purchase Expense (\$)
Jan-19	1	1/30/2019 12:02	2/2/2019 15:58	\$ 211,477
Feb-19	0			
Mar-19	0			
Apr-19	0			
May-19	2	5/21/2019 9:35	5/21/2019 10:00	\$ 49
		5/29/2019 14:57	5/29/2019 19:12	\$ 14,140
Jun-19	0			
Jul-19	1	7/13/2019 17:02	7/13/2019 17:22	\$ 1,370
Aug-19	0			
Sep-19	1	9/9/2019 15:20	9/9/2019 16:16	\$ 5,128
Oct-19	0			
Nov-19	0			
Dec-19	1	12/13/2019 20:00	12/14/2019 10:30	\$ 12,814
Jan-20	0			
Feb-20	0			
Mar-20	1	3/26/2020 14:55	3/26/2020 17:10	\$ 3,220
Apr-20	0			
May-20	0			
Jun-20	0			
Jul-20	0			
Aug-20	0			
Sep-20	1	9/19/2020 13:15	9/28/2020 7:00	\$ 352,369
Oct-20	0			
Nov-20	0			
Dec-20	1	12/8/2020 5:43	12/8/2020 6:06	\$ -

**Forced Outages by Month: 2019-2020**

	<b>Woodsdale 2</b>	Start Time	End Time	Purchase Expense (\$)
Jan-19	0			
Feb-19	0			
Mar-19	0			
Apr-19	0			
May-19	0			
Jun-19	0			
Jul-19	0			
Aug-19	0			
Sep-19	0			
Oct-19	0			
Nov-19	0			
Dec-19	1	12/12/2019 6:40	12/12/2019 8:32	\$ 11,392
Jan-20	0			
Feb-20	0			
Mar-20	1	3/26/2020 14:55	3/26/2020 17:10	\$ 534
Apr-20	0			
May-20	0			
Jun-20	0			
Jul-20	0			
Aug-20	0			
Sep-20	1	9/18/2020 18:55	10/9/2020 17:13	\$ 859,534
Oct-20	1	10/13/2020 9:51	10/13/2020 11:00	\$ 2,464
Nov-20	0			
Dec-20	0			

**Forced Outages by Month: 2019-2020**

	<b>Woodsdale 3</b>	Start Time	End Time	Purchase Expense (\$)
Jan-19	1	1/30/2019 11:55	1/30/2019 15:50	\$ 3,175
Feb-19	0			
Mar-19	1	3/27/2019 6:45	3/27/2019 8:15	0
Apr-19	1	4/8/2019 14:00	4/11/2019 6:00	\$ 172,100
May-19	0			
Jun-19	0			
Jul-19	0			
Aug-19	1	8/21/2019 8:55	8/21/2019 16:11	\$ 24,110
Sep-19	0			
Oct-19	0			
Nov-19	2	11/12/2019 6:08	11/12/2019 12:00	\$ 24,351
		11/13/2019 6:55	11/13/2019 14:00	\$ 40,893
Dec-19	1	12/12/2019 6:38	12/12/2019 8:32	\$ 6,616
Jan-20	0			
Feb-20	0			
Mar-20	1	3/26/2020 14:55	3/26/2020 17:10	\$ -
Apr-20	0			
May-20	0			
Jun-20	0			
Jul-20	1	7/3/2020 17:12	7/3/2020 19:16	\$ 1,151
Aug-20	0			
Sep-20	0			
Oct-20	0			
Nov-20	0			
Dec-20	2	12/7/2020 16:09	12/7/2020 16:41	\$ -
		12/8/2020 5:30	12/8/2020 5:59	\$ -

**Forced Outages by Month: 2019-2020**

	<b>Woodsdale 4</b>	Start Time	End Time	Purchase Expense (\$)
Jan-19	0			
Feb-19	0			
Mar-19	1	3/27/2019 6:45	3/27/2019 8:15	0
Apr-19	1	4/8/2019 14:00	4/9/2019 6:00	\$ 45,598
May-19	0			
Jun-19	1	6/26/2019 15:46	6/26/2019 17:20	0
Jul-19	1	7/2/2019 11:30	7/2/2019 16:45	\$ 3,996
Aug-19	0			
Sep-19	0			
Oct-19	0			
Nov-19	1	11/18/2019 12:08	11/18/2019 14:29	\$ 8,768
Dec-19	1	12/12/2019 6:48	12/12/2019 8:32	\$ -
Jan-20	0			
Feb-20	0			
Mar-20	1	3/26/2020 14:55	3/26/2020 17:10	\$ -
Apr-20	0			
May-20	0			
Jun-20	0			
Jul-20	0			
Aug-20	1	8/14/2020 13:34	8/14/2020 15:20	\$ -
Sep-20	0			
Oct-20	0			
Nov-20	0			
Dec-20	0			

**Forced Outages by Month: 2019-2020**

	Woodsdale 5	Start Time	End Time	Purchase Expense (\$)
Jan-19	0			
Feb-19	0			
Mar-19	0			
Apr-19	0			
May-19	0			
Jun-19	1	6/26/2019 15:20	6/26/2019 16:12	0
Jul-19	0			
Aug-19	0			
Sep-19	0			
Oct-19	1	10/19/2019 8:00	10/19/2019 9:00	\$ 3,019
Nov-19	2	11/12/2019 6:18	11/12/2019 12:00	\$ 24,351
		11/13/2019 8:44	11/15/2019 17:42	\$ 230,884
Dec-19	0			
Jan-20	0			
Feb-20	0			
Mar-20	0			
Apr-20	0			
May-20	0			
Jun-20	0			
Jul-20	0			
Aug-20	0			
Sep-20	0			
Oct-20	0			
Nov-20	0			
Dec-20	0			

**Forced Outages by Month: 2019-2020**

	<b>Woodsdale 6</b>	Start Time	End Time	Purchase Expense (\$)
Jan-19	0			
Feb-19	0			
Mar-19	0			
Apr-19	0			
May-19	0			
Jun-19	2	6/19/2019 8:27	6/19/2019 13:24	\$ 6,260
		6/26/2019 15:35	6/26/2019 16:01	0
Jul-19	2	7/2/2019 13:12	7/17/2019 14:05	\$ 523,455
		7/29/2019 9:55	7/29/2019 10:38	\$ -
Aug-19	0			
Sep-19	1	9/10/2019 22:09	9/11/2019 0:53	\$ -
Oct-19	0			
Nov-19	2	11/12/2019 6:18	11/12/2019 12:00	\$ 24,351
		11/13/2019 8:06	11/13/2019 9:06	\$ 5,715
Dec-19	2	12/12/2019 6:33	12/12/2019 8:32	\$ -
		12/20/2019 7:44	12/20/2019 8:44	0
Jan-20	0			
Feb-20	0			
Mar-20	0			
Apr-20	1	4/7/2020 6:00	4/10/2020 10:46	\$ 123,403
May-20	0			
Jun-20	0			
Jul-20	0			
Aug-20	0			
Sep-20	0			
Oct-20	0			
Nov-20	0			
Dec-20	0			



Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)			
1/1/2019	0	348.401			\$0	487							\$	-	\$	-	\$	-
1/1/2019	1	340.712			\$0	487							\$	-	\$	-	\$	-
1/1/2019	2	333.846			\$0	487							\$	-	\$	-	\$	-
1/1/2019	3	330.936			\$0	488							\$	-	\$	-	\$	-
1/1/2019	4	333.027			\$0	487							\$	-	\$	-	\$	-
1/1/2019	5	343.012			\$0	486							\$	-	\$	-	\$	-
1/1/2019	6	350.945			\$0	490							\$	-	\$	-	\$	-
1/1/2019	7	360.929			\$0	485							\$	-	\$	-	\$	-
1/1/2019	8	366.86			\$0	487							\$	-	\$	-	\$	-
1/1/2019	9	380.664			\$0	486							\$	-	\$	-	\$	-
1/1/2019	10	399.392			\$0	487							\$	-	\$	-	\$	-
1/1/2019	11	412.157			\$0	487							\$	-	\$	-	\$	-
1/1/2019	12	418.958			\$0	488							\$	-	\$	-	\$	-
1/1/2019	13	420.871			\$0	487							\$	-	\$	-	\$	-
1/1/2019	14	424.748			\$0	486							\$	-	\$	-	\$	-
1/1/2019	15	428.577			\$0	486							\$	-	\$	-	\$	-
1/1/2019	16	435.24			\$0	492							\$	-	\$	-	\$	-
1/1/2019	17	461.6			\$0	498							\$	-	\$	-	\$	-
1/1/2019	18	466.73			\$0	513							\$	-	\$	-	\$	-
1/1/2019	19	460.764			\$0	500							\$	-	\$	-	\$	-
1/1/2019	20	450.968			\$0	487							\$	-	\$	-	\$	-
1/1/2019	21	438.211			\$0	516							\$	-	\$	-	\$	-
1/1/2019	22	419.542			\$0	483							\$	-	\$	-	\$	-
1/1/2019	23	397.842			\$0	491							\$	-	\$	-	\$	-
1/2/2019	0	385.198			\$0	488							\$	-	\$	-	\$	-
1/2/2019	1	377.322			\$0	487							\$	-	\$	-	\$	-
1/2/2019	2	372.435			\$0	486							\$	-	\$	-	\$	-
1/2/2019	3	375.446			\$0	490							\$	-	\$	-	\$	-
1/2/2019	4	386.265			\$0	485							\$	-	\$	-	\$	-
1/2/2019	5	410.68			\$0	489							\$	-	\$	-	\$	-
1/2/2019	6	449.504			\$0	510							\$	-	\$	-	\$	-
1/2/2019	7	481.616			\$0	552							\$	-	\$	-	\$	-
1/2/2019	8	496.485			\$0	517							\$	-	\$	-	\$	-
1/2/2019	9	503.41			\$0	509							\$	-	\$	-	\$	-
1/2/2019	10	511.346			\$0	520							\$	-	\$	-	\$	-
1/2/2019	11	513.301	13.3	\$30.89	\$411	500							\$	411	\$	411	\$	-
1/2/2019	12	514.271	19.27	\$29.18	\$562	495							\$	562	\$	562	\$	-
1/2/2019	13	515.144	19.14	\$28.53	\$546	496							\$	546	\$	546	\$	-
1/2/2019	14	517.098	29.1	\$27.59	\$803	488							\$	803	\$	803	\$	-
1/2/2019	15	518.055	29.06	\$27.28	\$793	489							\$	793	\$	793	\$	-
1/2/2019	16	524.9	11.9	\$29.79	\$355	513							\$	355	\$	355	\$	-
1/2/2019	17	542.306			\$0	578							\$	-	\$	-	\$	-
1/2/2019	18	548.318			\$0	598							\$	-	\$	-	\$	-
1/2/2019	19	545.317			\$0	593							\$	-	\$	-	\$	-
1/2/2019	20	534.714			\$0	569							\$	-	\$	-	\$	-
1/2/2019	21	516.279			\$0	525							\$	-	\$	-	\$	-
1/2/2019	22	492.03	2.03	\$26.44	\$54	490							\$	54	\$	54	\$	-
1/2/2019	23	464.723	0	\$0.00	\$0	488							\$	-	\$	-	\$	-
1/3/2019	0	448.244			\$0	487							\$	-	\$	-	\$	-
1/3/2019	1	436.53			\$0	491							\$	-	\$	-	\$	-
1/3/2019	2	427.67			\$0	488							\$	-	\$	-	\$	-
1/3/2019	3	425.787			\$0	487							\$	-	\$	-	\$	-
1/3/2019	4	434.517			\$0	489							\$	-	\$	-	\$	-
1/3/2019	5	458.991			\$0	489							\$	-	\$	-	\$	-
1/3/2019	6	504.921	15.92	\$26.82	\$427	489							\$	427	\$	427	\$	-
1/3/2019	7	538.177	49.18	\$28.07	\$1,380	489							\$	1,380	\$	1,380	\$	-

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)			
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6		
1/3/2019	8	535.322	47.32	\$27.71	\$1,311	488						\$	1,311	\$	1,311	\$	-
1/3/2019	9	532.254	44.25	\$27.72	\$1,227	488						\$	1,227	\$	1,227	\$	-
1/3/2019	10	532.847	44.85	\$27.29	\$1,224	488						\$	1,224	\$	1,224	\$	-
1/3/2019	11	517.236	28.24	\$26.67	\$753	489						\$	753	\$	753	\$	-
1/3/2019	12	504.465	14.47	\$26.04	\$377	490						\$	377	\$	377	\$	-
1/3/2019	13	492.518	4.52	\$25.78	\$117	488						\$	117	\$	117	\$	-
1/3/2019	14	485.672	0	\$0.00	\$0	490						\$	-	\$	-	\$	-
1/3/2019	15	488.794	1.79	\$24.76	\$44	487						\$	44	\$	44	\$	-
1/3/2019	16	501.285	12.29	\$26.00	\$320	489						\$	320	\$	320	\$	-
1/3/2019	17	528.591	39.59	\$29.45	\$1,166	489						\$	1,166	\$	1,166	\$	-
1/3/2019	18	547.398	59.4	\$27.88	\$1,656	488						\$	1,656	\$	1,656	\$	-
1/3/2019	19	550.443	60.44	\$27.97	\$1,691	490						\$	1,691	\$	1,691	\$	-
1/3/2019	20	543.621	53.62	\$27.36	\$1,467	490						\$	1,467	\$	1,467	\$	-
1/3/2019	21	527.87	38.87	\$25.47	\$990	489						\$	990	\$	990	\$	-
1/3/2019	22	505.398	18.4	\$23.98	\$441	487						\$	441	\$	441	\$	-
1/3/2019	23	478.106			\$0	489						\$	-	\$	-	\$	-
1/4/2019	0	461.374			\$0	488						\$	-	\$	-	\$	-
1/4/2019	1	453.631			\$0	489						\$	-	\$	-	\$	-
1/4/2019	2	445.928			\$0	488						\$	-	\$	-	\$	-
1/4/2019	3	443.009			\$0	488						\$	-	\$	-	\$	-
1/4/2019	4	452.794			\$0	489						\$	-	\$	-	\$	-
1/4/2019	5	478.209			\$0	487						\$	-	\$	-	\$	-
1/4/2019	6	521.326	16.33	\$27.14	\$443	505						\$	443	\$	443	\$	-
1/4/2019	7	553.126	57.13	\$28.00	\$1,600	496						\$	1,600	\$	1,600	\$	-
1/4/2019	8	549.342	35.34	\$26.84	\$949	514						\$	949	\$	949	\$	-
1/4/2019	9	545.158	46.16	\$28.01	\$1,293	499						\$	1,293	\$	1,293	\$	-
1/4/2019	10	528.353	22.35	\$26.00	\$581	506						\$	581	\$	581	\$	-
1/4/2019	11	506.752	14.75	\$25.30	\$373	492						\$	373	\$	373	\$	-
1/4/2019	12	492.136	4.14	\$25.06	\$104	488						\$	104	\$	104	\$	-
1/4/2019	13	489.187	1.19	\$24.56	\$29	488						\$	29	\$	29	\$	-
1/4/2019	14	485.222			\$0	490						\$	-	\$	-	\$	-
1/4/2019	15	491.113	3.11	\$23.17	\$72	488						\$	72	\$	72	\$	-
1/4/2019	16	492.503	2.5	\$24.69	\$62	490						\$	62	\$	62	\$	-
1/4/2019	17	511.615	17.62	\$26.44	\$466	494						\$	466	\$	466	\$	-
1/4/2019	18	519.603	5.6	\$25.91	\$145	514						\$	145	\$	145	\$	-
1/4/2019	19	517.033	30.03	\$24.84	\$746	487						\$	746	\$	746	\$	-
1/4/2019	20	502.255	14.26	\$23.76	\$339	488						\$	339	\$	339	\$	-
1/4/2019	21	485.534			\$0	487						\$	-	\$	-	\$	-
1/4/2019	22	466.73			\$0	488						\$	-	\$	-	\$	-
1/4/2019	23	447.242			\$0	488						\$	-	\$	-	\$	-
1/5/2019	0	426.647			\$0	489						\$	-	\$	-	\$	-
1/5/2019	1	413.125			\$0	488						\$	-	\$	-	\$	-
1/5/2019	2	402.233			\$0	494						\$	-	\$	-	\$	-
1/5/2019	3	399.423			\$0	486						\$	-	\$	-	\$	-
1/5/2019	4	406.369			\$0	489						\$	-	\$	-	\$	-
1/5/2019	5	418.116			\$0	487						\$	-	\$	-	\$	-
1/5/2019	6	434.93	0	\$0.00	\$0	488						\$	-	\$	-	\$	-
1/5/2019	7	460.443	0	\$0.00	\$0	487						\$	-	\$	-	\$	-
1/5/2019	8	468.132	0	\$0.00	\$0	488						\$	-	\$	-	\$	-
1/5/2019	9	468.996	0	\$0.00	\$0	486						\$	-	\$	-	\$	-
1/5/2019	10	462.08	0	\$0.00	\$0	486						\$	-	\$	-	\$	-
1/5/2019	11	454.283	0	\$0.00	\$0	487						\$	-	\$	-	\$	-
1/5/2019	12	442.478	0	\$0.00	\$0	487						\$	-	\$	-	\$	-
1/5/2019	13	430.744	0	\$0.00	\$0	488						\$	-	\$	-	\$	-
1/5/2019	14	419.901	0	\$0.00	\$0	485						\$	-	\$	-	\$	-
1/5/2019	15	413.017			\$0	489						\$	-	\$	-	\$	-

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
1/5/2019	16	417.867			\$0	488							\$ -	\$ -	\$ -
1/5/2019	17	438.089			\$0	500							\$ -	\$ -	\$ -
1/5/2019	18	460.796			\$0	502							\$ -	\$ -	\$ -
1/5/2019	19	457.784			\$0	489							\$ -	\$ -	\$ -
1/5/2019	20	451.769			\$0	487							\$ -	\$ -	\$ -
1/5/2019	21	440.905			\$0	490							\$ -	\$ -	\$ -
1/5/2019	22	426.382			\$0	489							\$ -	\$ -	\$ -
1/5/2019	23	408.809			\$0	487							\$ -	\$ -	\$ -
1/6/2019	0	393.037			\$0	489							\$ -	\$ -	\$ -
1/6/2019	1	383.449			\$0	486							\$ -	\$ -	\$ -
1/6/2019	2	376.681			\$0	487							\$ -	\$ -	\$ -
1/6/2019	3	375.678			\$0	490							\$ -	\$ -	\$ -
1/6/2019	4	379.643			\$0	488							\$ -	\$ -	\$ -
1/6/2019	5	389.391			\$0	487							\$ -	\$ -	\$ -
1/6/2019	6	403.182			\$0	487							\$ -	\$ -	\$ -
1/6/2019	7	421.6			\$0	544							\$ -	\$ -	\$ -
1/6/2019	8	431.398			\$0	522							\$ -	\$ -	\$ -
1/6/2019	9	431.521			\$0	488							\$ -	\$ -	\$ -
1/6/2019	10	423.746			\$0	487							\$ -	\$ -	\$ -
1/6/2019	11	418.87			\$0	487							\$ -	\$ -	\$ -
1/6/2019	12	417.987			\$0	488							\$ -	\$ -	\$ -
1/6/2019	13	411.268			\$0	488							\$ -	\$ -	\$ -
1/6/2019	14	406.41			\$0	489							\$ -	\$ -	\$ -
1/6/2019	15	406.219			\$0	488							\$ -	\$ -	\$ -
1/6/2019	16	421.021			\$0	489							\$ -	\$ -	\$ -
1/6/2019	17	453.946			\$0	488							\$ -	\$ -	\$ -
1/6/2019	18	472.433			\$0	490							\$ -	\$ -	\$ -
1/6/2019	19	470.403			\$0	489							\$ -	\$ -	\$ -
1/6/2019	20	464.462			\$0	486							\$ -	\$ -	\$ -
1/6/2019	21	446.743			\$0	492							\$ -	\$ -	\$ -
1/6/2019	22	425.014			\$0	485							\$ -	\$ -	\$ -
1/6/2019	23	403.211			\$0	492							\$ -	\$ -	\$ -
1/7/2019	0	385.455			\$0	488							\$ -	\$ -	\$ -
1/7/2019	1	379.557			\$0	489							\$ -	\$ -	\$ -
1/7/2019	2	375.656			\$0	490							\$ -	\$ -	\$ -
1/7/2019	3	377.832			\$0	489							\$ -	\$ -	\$ -
1/7/2019	4	391.403			\$0	489							\$ -	\$ -	\$ -
1/7/2019	5	419.589			\$0	488							\$ -	\$ -	\$ -
1/7/2019	6	470.593			\$0	491							\$ -	\$ -	\$ -
1/7/2019	7	503.168	14.17	\$26.92	\$381	489							\$ 381	\$ 381	\$ -
1/7/2019	8	499.906	9.91	\$25.74	\$255	490							\$ 255	\$ 255	\$ -
1/7/2019	9	500.791	12.79	\$25.81	\$330	488							\$ 330	\$ 330	\$ -
1/7/2019	10	500.867	11.87	\$25.75	\$306	489							\$ 306	\$ 306	\$ -
1/7/2019	11	500.097	11.1	\$24.97	\$277	489							\$ 277	\$ 277	\$ -
1/7/2019	12	490.486	1.49	\$23.71	\$35	489							\$ 35	\$ 35	\$ -
1/7/2019	13	480.572			\$0	490							\$ -	\$ -	\$ -
1/7/2019	14	479.997			\$0	489							\$ -	\$ -	\$ -
1/7/2019	15	482.916			\$0	490							\$ -	\$ -	\$ -
1/7/2019	16	492.441	2.44	\$23.22	\$57	490							\$ 57	\$ 57	\$ -
1/7/2019	17	509.004			\$0	490					17		\$ -	\$ -	\$ -
1/7/2019	18	513.004	10	\$25.43	\$254	491						26	\$ 254	\$ 254	\$ -
1/7/2019	19	507.158	18.16	\$25.02	\$454	489					3	9	\$ 454	\$ 454	\$ -
1/7/2019	20	491.569	1.57	\$24.57	\$39	490							\$ 39	\$ 39	\$ -
1/7/2019	21	469.289			\$0	489							\$ -	\$ -	\$ -
1/7/2019	22	445.887			\$0	489							\$ -	\$ -	\$ -
1/7/2019	23	416.574			\$0	489							\$ -	\$ -	\$ -

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)			
1/8/2019	0	398.107			\$0	489							\$	-	\$	-	\$	-
1/8/2019	1	386.324			\$0	488							\$	-	\$	-	\$	-
1/8/2019	2	376.397			\$0	489							\$	-	\$	-	\$	-
1/8/2019	3	370.34			\$0	486							\$	-	\$	-	\$	-
1/8/2019	4	376.211			\$0	492							\$	-	\$	-	\$	-
1/8/2019	5	398.776			\$0	488							\$	-	\$	-	\$	-
1/8/2019	6	444.921			\$0	493							\$	-	\$	-	\$	-
1/8/2019	7	474.758			\$0	489							\$	-	\$	-	\$	-
1/8/2019	8	465.61			\$0	488							\$	-	\$	-	\$	-
1/8/2019	9	461.934			\$0	487							\$	-	\$	-	\$	-
1/8/2019	10	461			\$0	488							\$	-	\$	-	\$	-
1/8/2019	11	456.951			\$0	489							\$	-	\$	-	\$	-
1/8/2019	12	453.839			\$0	486							\$	-	\$	-	\$	-
1/8/2019	13	457.9			\$0	488							\$	-	\$	-	\$	-
1/8/2019	14	456.773			\$0	490							\$	-	\$	-	\$	-
1/8/2019	15	452.78			\$0	487							\$	-	\$	-	\$	-
1/8/2019	16	456.426			\$0	490							\$	-	\$	-	\$	-
1/8/2019	17	483.711			\$0	489							\$	-	\$	-	\$	-
1/8/2019	18	504.615	17.62	\$27.71	\$488	487							\$	488	\$	488	\$	-
1/8/2019	19	506.582	14.58	\$25.83	\$377	492							\$	377	\$	377	\$	-
1/8/2019	20	500.621	10.62	\$24.31	\$258	490							\$	258	\$	258	\$	-
1/8/2019	21	487.989	0	\$0.00	\$0	489							\$	-	\$	-	\$	-
1/8/2019	22	464.721			\$0	489							\$	-	\$	-	\$	-
1/8/2019	23	443.058			\$0	487							\$	-	\$	-	\$	-
1/9/2019	0	425.06			\$0	487							\$	-	\$	-	\$	-
1/9/2019	1	418.323			\$0	487							\$	-	\$	-	\$	-
1/9/2019	2	414.638			\$0	488							\$	-	\$	-	\$	-
1/9/2019	3	416.579			\$0	490							\$	-	\$	-	\$	-
1/9/2019	4	435.146			\$0	487							\$	-	\$	-	\$	-
1/9/2019	5	468.247			\$0	490							\$	-	\$	-	\$	-
1/9/2019	6	523.972	33.97	\$24.85	\$844	490							\$	844	\$	844	\$	-
1/9/2019	7	562.152	75.15	\$26.54	\$1,994	487							\$	1,994	\$	1,994	\$	-
1/9/2019	8	564.298	74.3	\$24.81	\$1,843	490							\$	1,843	\$	1,843	\$	-
1/9/2019	9	565.327	76.33	\$24.53	\$1,872	489							\$	1,872	\$	1,872	\$	-
1/9/2019	10	569.206	82.21	\$25.47	\$2,094	487							\$	2,094	\$	2,094	\$	-
1/9/2019	11	565.266	75.27	\$25.16	\$1,894	490							\$	1,894	\$	1,894	\$	-
1/9/2019	12	567.181	79.18	\$24.51	\$1,941	488							\$	1,941	\$	1,941	\$	-
1/9/2019	13	566.095	78.1	\$23.92	\$1,868	488							\$	1,868	\$	1,868	\$	-
1/9/2019	14	574.954	86.95	\$23.72	\$2,062	488							\$	2,062	\$	2,062	\$	-
1/9/2019	15	579.882	91.88	\$23.77	\$2,184	488							\$	2,184	\$	2,184	\$	-
1/9/2019	16	588.421	88.42	\$30.05	\$2,657	500							\$	2,657	\$	2,657	\$	-
1/9/2019	17	605.78	36.78	\$37.23	\$1,369	569							\$	1,369	\$	1,369	\$	-
1/9/2019	18	617.056	32.06	\$34.87	\$1,118	585							\$	1,118	\$	1,118	\$	-
1/9/2019	19	611.156	31.16	\$32.85	\$1,024	580							\$	1,024	\$	1,024	\$	-
1/9/2019	20	602.339	9.34	\$31.92	\$298	593							\$	298	\$	298	\$	-
1/9/2019	21	583.714	3.71	\$30.15	\$112	580							\$	112	\$	112	\$	-
1/9/2019	22	554.525	38.53	\$26.76	\$1,031	516							\$	1,031	\$	1,031	\$	-
1/9/2019	23	526.318	38.32	\$24.54	\$940	488							\$	940	\$	940	\$	-
1/10/2019	0	511.504	23.5	\$23.79	\$559	488							\$	559	\$	559	\$	-
1/10/2019	1	502.631	12.63	\$23.45	\$296	490							\$	296	\$	296	\$	-
1/10/2019	2	497.73	10.73	\$23.51	\$252	487							\$	252	\$	252	\$	-
1/10/2019	3	494.805	5.81	\$23.62	\$137	489							\$	137	\$	137	\$	-
1/10/2019	4	505.721	16.72	\$24.16	\$404	489							\$	404	\$	404	\$	-
1/10/2019	5	530.296	36.3	\$27.75	\$1,007	494							\$	1,007	\$	1,007	\$	-
1/10/2019	6	575.678	67.68	\$38.51	\$2,606	508							\$	2,606	\$	2,606	\$	-
1/10/2019	7	607.705	44.71	\$42.38	\$1,895	563							\$	1,895	\$	1,895	\$	-

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
1/10/2019	8	603.937	4.94	\$37.06	\$183	599							\$ 183	\$ 183	\$ -
1/10/2019	9	600.963	2.96	\$31.88	\$94	598							\$ 94	\$ 94	\$ -
1/10/2019	10	594.467			\$0	601							\$ -	\$ -	\$ -
1/10/2019	11	581.29			\$0	599							\$ -	\$ -	\$ -
1/10/2019	12	580.31			\$0	597							\$ -	\$ -	\$ -
1/10/2019	13	578.228			\$0	590							\$ -	\$ -	\$ -
1/10/2019	14	578.211			\$0	580							\$ -	\$ -	\$ -
1/10/2019	15	575.358	10.36	\$27.03	\$280	565							\$ 280	\$ 280	\$ -
1/10/2019	16	583.239	26.24	\$30.61	\$803	557							\$ 803	\$ 803	\$ -
1/10/2019	17	602.862	5.86	\$41.81	\$245	597							\$ 245	\$ 245	\$ -
1/10/2019	18	616.052	14.05	\$43.96	\$618	602							\$ 618	\$ 618	\$ -
1/10/2019	19	611.398	13.4	\$40.12	\$538	598							\$ 538	\$ 538	\$ -
1/10/2019	20	596.836			\$0	599							\$ -	\$ -	\$ -
1/10/2019	21	580.146			\$0	596							\$ -	\$ -	\$ -
1/10/2019	22	550.443			\$0	556							\$ -	\$ -	\$ -
1/10/2019	23	520.07			\$0	545							\$ -	\$ -	\$ -
1/11/2019	0	501.344			\$0	502							\$ -	\$ -	\$ -
1/11/2019	1	491.301			\$0	499							\$ -	\$ -	\$ -
1/11/2019	2	481.471			\$0	511							\$ -	\$ -	\$ -
1/11/2019	3	478.353			\$0	541							\$ -	\$ -	\$ -
1/11/2019	4	486.029			\$0	565							\$ -	\$ -	\$ -
1/11/2019	5	509.772			\$0	552							\$ -	\$ -	\$ -
1/11/2019	6	553.875			\$0	561							\$ -	\$ -	\$ -
1/11/2019	7	585.675	0	\$0.00	\$0	590							\$ -	\$ -	\$ -
1/11/2019	8	583.848			\$0	605							\$ -	\$ -	\$ -
1/11/2019	9	579.615			\$0	610							\$ -	\$ -	\$ -
1/11/2019	10	577.737			\$0	606							\$ -	\$ -	\$ -
1/11/2019	11	561.002			\$0	611							\$ -	\$ -	\$ -
1/11/2019	12	542.439			\$0	587							\$ -	\$ -	\$ -
1/11/2019	13	528.614			\$0	540							\$ -	\$ -	\$ -
1/11/2019	14	520.968	26.97	\$27.36	\$738	494							\$ 738	\$ 738	\$ -
1/11/2019	15	525.959	34.96	\$27.03	\$945	491							\$ 945	\$ 945	\$ -
1/11/2019	16	534.728	43.73	\$28.54	\$1,248	491							\$ 1,248	\$ 1,248	\$ -
1/11/2019	17	555.125	48.13	\$35.06	\$1,687	507							\$ 1,687	\$ 1,687	\$ -
1/11/2019	18	564.79	26.79	\$34.47	\$923	538							\$ 923	\$ 923	\$ -
1/11/2019	19	557.662			\$0	558							\$ -	\$ -	\$ -
1/11/2019	20	546.705	30.71	\$31.52	\$968	516							\$ 968	\$ 968	\$ -
1/11/2019	21	532.908	38.91	\$29.86	\$1,162	494							\$ 1,162	\$ 1,162	\$ -
1/11/2019	22	514.305	12.31	\$29.86	\$368	502							\$ 368	\$ 368	\$ -
1/11/2019	23	493.213			\$0	494							\$ -	\$ -	\$ -
1/12/2019	0	471.992			\$0	490							\$ -	\$ -	\$ -
1/12/2019	1	459.717			\$0	490							\$ -	\$ -	\$ -
1/12/2019	2	454.85			\$0	488							\$ -	\$ -	\$ -
1/12/2019	3	452.738			\$0	490							\$ -	\$ -	\$ -
1/12/2019	4	459.492			\$0	491							\$ -	\$ -	\$ -
1/12/2019	5	469.104			\$0	487							\$ -	\$ -	\$ -
1/12/2019	6	484.693			\$0	490							\$ -	\$ -	\$ -
1/12/2019	7	501.419	5.42	\$30.02	\$163	496							\$ 163	\$ 163	\$ -
1/12/2019	8	513.111	0	\$0.00	\$0	558							\$ -	\$ -	\$ -
1/12/2019	9	528.534	0	\$0.00	\$0	596							\$ -	\$ -	\$ -
1/12/2019	10	538.366	0	\$0.00	\$0	559							\$ -	\$ -	\$ -
1/12/2019	11	535.564	28.56	\$30.29	\$865	507							\$ 865	\$ 865	\$ -
1/12/2019	12	536.499	45.5	\$28.99	\$1,319	491							\$ 1,319	\$ 1,319	\$ -
1/12/2019	13	531.584	42.58	\$27.34	\$1,164	489							\$ 1,164	\$ 1,164	\$ -
1/12/2019	14	528.455	38.46	\$27.05	\$1,040	490							\$ 1,040	\$ 1,040	\$ -
1/12/2019	15	525.472	35.47	\$26.77	\$950	490							\$ 950	\$ 950	\$ -

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
1/12/2019	16	527.383	37.38	\$28.28	\$1,057	490							\$ 1,057	\$ 1,057	\$ -
1/12/2019	17	542.059	38.06	\$30.65	\$1,167	504							\$ 1,167	\$ 1,167	\$ -
1/12/2019	18	548.849	25.85	\$29.58	\$765	523							\$ 765	\$ 765	\$ -
1/12/2019	19	536.952	44.95	\$28.78	\$1,294	492							\$ 1,294	\$ 1,294	\$ -
1/12/2019	20	526.197	36.2	\$27.04	\$979	490							\$ 979	\$ 979	\$ -
1/12/2019	21	510.469	22.47	\$26.41	\$593	488							\$ 593	\$ 593	\$ -
1/12/2019	22	489.779	0.78	\$25.69	\$20	489							\$ 20	\$ 20	\$ -
1/12/2019	23	468.21			\$0	489							\$ -	\$ -	\$ -
1/13/2019	0	448.885			\$0	490							\$ -	\$ -	\$ -
1/13/2019	1	439.137			\$0	526							\$ -	\$ -	\$ -
1/13/2019	2	432.441			\$0	492							\$ -	\$ -	\$ -
1/13/2019	3	432.336			\$0	489							\$ -	\$ -	\$ -
1/13/2019	4	437.128			\$0	490							\$ -	\$ -	\$ -
1/13/2019	5	443.843			\$0	488							\$ -	\$ -	\$ -
1/13/2019	6	457.536			\$0	490							\$ -	\$ -	\$ -
1/13/2019	7	475.216			\$0	531							\$ -	\$ -	\$ -
1/13/2019	8	486.776			\$0	563							\$ -	\$ -	\$ -
1/13/2019	9	502.614	6.61	\$28.08	\$186	496							\$ 186	\$ 186	\$ -
1/13/2019	10	512.936	23.94	\$28.47	\$682	489							\$ 682	\$ 682	\$ -
1/13/2019	11	515.993	27.99	\$27.94	\$782	488							\$ 782	\$ 782	\$ -
1/13/2019	12	516.215	28.22	\$27.59	\$779	488							\$ 779	\$ 779	\$ -
1/13/2019	13	516.226	27.23	\$26.82	\$730	489							\$ 730	\$ 730	\$ -
1/13/2019	14	516.167	25.17	\$26.48	\$667	491							\$ 667	\$ 667	\$ -
1/13/2019	15	519.145	30.15	\$26.26	\$792	489							\$ 792	\$ 792	\$ -
1/13/2019	16	528.084	28.08	\$28.79	\$808	500							\$ 808	\$ 808	\$ -
1/13/2019	17	546.711			\$0	571							\$ -	\$ -	\$ -
1/13/2019	18	560.652			\$0	603							\$ -	\$ -	\$ -
1/13/2019	19	553.685	0	\$0.00	\$0	600							\$ -	\$ -	\$ -
1/13/2019	20	544.004	0	\$0.00	\$0	597							\$ -	\$ -	\$ -
1/13/2019	21	524.587	0	\$0.00	\$0	590							\$ -	\$ -	\$ -
1/13/2019	22	499.095	0	\$0.00	\$0	526							\$ -	\$ -	\$ -
1/13/2019	23	478.398			\$0	490							\$ -	\$ -	\$ -
1/14/2019	0	462.573			\$0	487							\$ -	\$ -	\$ -
1/14/2019	1	457.86			\$0	489							\$ -	\$ -	\$ -
1/14/2019	2	453.862			\$0	489							\$ -	\$ -	\$ -
1/14/2019	3	455.769			\$0	490							\$ -	\$ -	\$ -
1/14/2019	4	470.448			\$0	490							\$ -	\$ -	\$ -
1/14/2019	5	500.724	0.72	\$28.21	\$20	500							\$ 20	\$ 20	\$ -
1/14/2019	6	552.753	0	\$0.00	\$0	571							\$ -	\$ -	\$ -
1/14/2019	7	584.206	0	\$0.00	\$0	601							\$ -	\$ -	\$ -
1/14/2019	8	585.269	0	\$0.00	\$0	596							\$ -	\$ -	\$ -
1/14/2019	9	586.321	0	\$0.00	\$0	599							\$ -	\$ -	\$ -
1/14/2019	10	591.305	0	\$0.00	\$0	603							\$ -	\$ -	\$ -
1/14/2019	11	594.437	0	\$0.00	\$0	601							\$ -	\$ -	\$ -
1/14/2019	12	589.548	0	\$0.00	\$0	598							\$ -	\$ -	\$ -
1/14/2019	13	584.54	0.54	\$30.31	\$16	584							\$ 16	\$ 16	\$ -
1/14/2019	14	580.744	61.74	\$29.38	\$1,814	519							\$ 1,814	\$ 1,814	\$ -
1/14/2019	15	578.669	87.67	\$29.10	\$2,551	491							\$ 2,551	\$ 2,551	\$ -
1/14/2019	16	580.501	64.5	\$31.43	\$2,027	516							\$ 2,027	\$ 2,027	\$ -
1/14/2019	17	593.372	59.37	\$42.53	\$2,525	534							\$ 2,525	\$ 2,525	\$ -
1/14/2019	18	618.256	24.26	\$42.48	\$1,031	594							\$ 1,031	\$ 1,031	\$ -
1/14/2019	19	615.282	13.28	\$41.55	\$552	602							\$ 552	\$ 552	\$ -
1/14/2019	20	607.179	9.18	\$39.33	\$361	598							\$ 361	\$ 361	\$ -
1/14/2019	21	589.497	17.5	\$34.03	\$596	572							\$ 596	\$ 596	\$ -
1/14/2019	22	565.952	49.95	\$29.69	\$1,483	516							\$ 1,483	\$ 1,483	\$ -
1/14/2019	23	541.183	54.18	\$26.85	\$1,455	487							\$ 1,455	\$ 1,455	\$ -

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
1/15/2019	0	527.71	35.71	\$26.06	\$931	492							\$ 931	\$ 931	\$ -
1/15/2019	1	519.164	31.16	\$25.69	\$801	488							\$ 801	\$ 801	\$ -
1/15/2019	2	517.112	29.11	\$25.53	\$743	488							\$ 743	\$ 743	\$ -
1/15/2019	3	518.014	31.01	\$25.77	\$799	487							\$ 799	\$ 799	\$ -
1/15/2019	4	530.66	43.66	\$25.97	\$1,134	487							\$ 1,134	\$ 1,134	\$ -
1/15/2019	5	557.037	54.04	\$28.93	\$1,563	503							\$ 1,563	\$ 1,563	\$ -
1/15/2019	6	603.711	100.71	\$39.33	\$3,961	503							\$ 3,961	\$ 3,697	\$ 264
1/15/2019	7	631.277	64.28	\$45.62	\$2,932	567							\$ 2,932	\$ 2,932	\$ -
1/15/2019	8	621.432	30.43	\$36.72	\$1,117	591							\$ 1,117	\$ 1,117	\$ -
1/15/2019	9	616.551	112.55	\$33.30	\$3,748	504							\$ 3,748	\$ 3,130	\$ 618
1/15/2019	10	615.28	61.28	\$31.28	\$1,917	554							\$ 1,917	\$ 1,917	\$ -
1/15/2019	11	609.101	11.1	\$28.98	\$322	598							\$ 322	\$ 322	\$ -
1/15/2019	12	602.052	25.05	\$27.57	\$691	577							\$ 691	\$ 691	\$ -
1/15/2019	13	600.038	104.04	\$26.33	\$2,739	496							\$ 2,739	\$ 2,475	\$ 264
1/15/2019	14	596.022	108.02	\$25.67	\$2,773	488							\$ 2,773	\$ 2,413	\$ 360
1/15/2019	15	598.041	109.04	\$25.40	\$2,770	489							\$ 2,770	\$ 2,388	\$ 382
1/15/2019	16	596.639	96.64	\$27.12	\$2,621	500							\$ 2,621	\$ 2,549	\$ 72
1/15/2019	17	609.06	61.06	\$31.46	\$1,921	548							\$ 1,921	\$ 1,921	\$ -
1/15/2019	18	621.08	24.08	\$34.13	\$822	597							\$ 822	\$ 822	\$ -
1/15/2019	19	613.083	11.08	\$32.67	\$362	602							\$ 362	\$ 362	\$ -
1/15/2019	20	600.215	1.22	\$31.85	\$39	599							\$ 39	\$ 39	\$ -
1/15/2019	21	581.422			\$0	600							\$ -	\$ -	\$ -
1/15/2019	22	551.806			\$0	580							\$ -	\$ -	\$ -
1/15/2019	23	523.732	0	\$0.00	\$0	529							\$ -	\$ -	\$ -
1/16/2019	0	506.428			\$0	510							\$ -	\$ -	\$ -
1/16/2019	1	492.601			\$0	559							\$ -	\$ -	\$ -
1/16/2019	2	484.444			\$0	597							\$ -	\$ -	\$ -
1/16/2019	3	479.823			\$0	600							\$ -	\$ -	\$ -
1/16/2019	4	487.682			\$0	598							\$ -	\$ -	\$ -
1/16/2019	5	512.278			\$0	596							\$ -	\$ -	\$ -
1/16/2019	6	557.31			\$0	599							\$ -	\$ -	\$ -
1/16/2019	7	588.136			\$0	601							\$ -	\$ -	\$ -
1/16/2019	8	581.849			\$0	600							\$ -	\$ -	\$ -
1/16/2019	9	581.581			\$0	599							\$ -	\$ -	\$ -
1/16/2019	10	584.451			\$0	600							\$ -	\$ -	\$ -
1/16/2019	11	576.593			\$0	599							\$ -	\$ -	\$ -
1/16/2019	12	570.307			\$0	598							\$ -	\$ -	\$ -
1/16/2019	13	572.317			\$0	601							\$ -	\$ -	\$ -
1/16/2019	14	571.44			\$0	600							\$ -	\$ -	\$ -
1/16/2019	15	570.469			\$0	600							\$ -	\$ -	\$ -
1/16/2019	16	576.299			\$0	598							\$ -	\$ -	\$ -
1/16/2019	17	592.208			\$0	600							\$ -	\$ -	\$ -
1/16/2019	18	598.388			\$0	599							\$ -	\$ -	\$ -
1/16/2019	19	591.348			\$0	597							\$ -	\$ -	\$ -
1/16/2019	20	578.119			\$0	600							\$ -	\$ -	\$ -
1/16/2019	21	556.428			\$0	599							\$ -	\$ -	\$ -
1/16/2019	22	528.567			\$0	568							\$ -	\$ -	\$ -
1/16/2019	23	500.432			\$0	517							\$ -	\$ -	\$ -
1/17/2019	0	480.254			\$0	490							\$ -	\$ -	\$ -
1/17/2019	1	471.649			\$0	491							\$ -	\$ -	\$ -
1/17/2019	2	463.677			\$0	489							\$ -	\$ -	\$ -
1/17/2019	3	463.652			\$0	489							\$ -	\$ -	\$ -
1/17/2019	4	473.291			\$0	489							\$ -	\$ -	\$ -
1/17/2019	5	496.393	7.39	\$29.12	\$215	489							\$ 215	\$ 215	\$ -
1/17/2019	6	543.793	22.79	\$40.72	\$928	521							\$ 928	\$ 928	\$ -
1/17/2019	7	571.111	1.11	\$46.35	\$51	570							\$ 51	\$ 51	\$ -

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)			
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6		
1/17/2019	8	569.403			\$0	598						\$	-	\$	-	\$	-
1/17/2019	9	570.473			\$0	599						\$	-	\$	-	\$	-
1/17/2019	10	572.424			\$0	601						\$	-	\$	-	\$	-
1/17/2019	11	567.808			\$0	599						\$	-	\$	-	\$	-
1/17/2019	12	564.02			\$0	598						\$	-	\$	-	\$	-
1/17/2019	13	559.013			\$0	601						\$	-	\$	-	\$	-
1/17/2019	14	559.002			\$0	599						\$	-	\$	-	\$	-
1/17/2019	15	561.768			\$0	599						\$	-	\$	-	\$	-
1/17/2019	16	561.63			\$0	597						\$	-	\$	-	\$	-
1/17/2019	17	573.477			\$0	601						\$	-	\$	-	\$	-
1/17/2019	18	578.745			\$0	600						\$	-	\$	-	\$	-
1/17/2019	19	570.758			\$0	599						\$	-	\$	-	\$	-
1/17/2019	20	559.74			\$0	600						\$	-	\$	-	\$	-
1/17/2019	21	539.017			\$0	599						\$	-	\$	-	\$	-
1/17/2019	22	512.592			\$0	599						\$	-	\$	-	\$	-
1/17/2019	23	484.161			\$0	592						\$	-	\$	-	\$	-
1/18/2019	0	466.197			\$0	601						\$	-	\$	-	\$	-
1/18/2019	1	455.638			\$0	571						\$	-	\$	-	\$	-
1/18/2019	2	448.831			\$0	539						\$	-	\$	-	\$	-
1/18/2019	3	450.809			\$0	548						\$	-	\$	-	\$	-
1/18/2019	4	458.724			\$0	547						\$	-	\$	-	\$	-
1/18/2019	5	484.165			\$0	556						\$	-	\$	-	\$	-
1/18/2019	6	532.29			\$0	572						\$	-	\$	-	\$	-
1/18/2019	7	563.724			\$0	600						\$	-	\$	-	\$	-
1/18/2019	8	565.575			\$0	602						\$	-	\$	-	\$	-
1/18/2019	9	564.485			\$0	599						\$	-	\$	-	\$	-
1/18/2019	10	566.63			\$0	598						\$	-	\$	-	\$	-
1/18/2019	11	561.835			\$0	600						\$	-	\$	-	\$	-
1/18/2019	12	557.919			\$0	597						\$	-	\$	-	\$	-
1/18/2019	13	559.003			\$0	600						\$	-	\$	-	\$	-
1/18/2019	14	553.281			\$0	581						\$	-	\$	-	\$	-
1/18/2019	15	552.444	35.44	\$25.76	\$913	517						\$	913	\$	913	\$	-
1/18/2019	16	552.669	61.67	\$25.79	\$1,590	491						\$	1,590	\$	1,590	\$	-
1/18/2019	17	560.915	52.92	\$30.92	\$1,636	508						\$	1,636	\$	1,636	\$	-
1/18/2019	18	565.767	20.77	\$29.58	\$614	545						\$	614	\$	614	\$	-
1/18/2019	19	554.922	67.92	\$27.77	\$1,886	487						\$	1,886	\$	1,886	\$	-
1/18/2019	20	541.276	58.28	\$26.74	\$1,558	483						\$	1,558	\$	1,558	\$	-
1/18/2019	21	524.711	40.71	\$25.62	\$1,043	484						\$	1,043	\$	1,043	\$	-
1/18/2019	22	504.942	32.94	\$24.07	\$793	472						\$	793	\$	793	\$	-
1/18/2019	23	479.443	42.44	\$23.37	\$992	437						\$	992	\$	992	\$	-
1/19/2019	0	460.862	17.86	\$24.06	\$430	443						\$	430	\$	430	\$	-
1/19/2019	1	447.132	8.13	\$23.64	\$192	439						\$	192	\$	192	\$	-
1/19/2019	2	437.11	0.11	\$23.10	\$3	437						\$	3	\$	3	\$	-
1/19/2019	3	430.098	0	\$0.00	\$0	442						\$	-	\$	-	\$	-
1/19/2019	4	434.066	0	\$0.00	\$0	439						\$	-	\$	-	\$	-
1/19/2019	5	443.965	2.97	\$23.01	\$68	441						\$	68	\$	68	\$	-
1/19/2019	6	458.371	17.37	\$23.35	\$406	441						\$	406	\$	406	\$	-
1/19/2019	7	478.052	38.05	\$25.57	\$973	440						\$	973	\$	973	\$	-
1/19/2019	8	495.636	56.64	\$28.43	\$1,610	439						\$	1,610	\$	1,610	\$	-
1/19/2019	9	510.328	71.33	\$31.18	\$2,224	439						\$	2,224	\$	2,224	\$	-
1/19/2019	10	518.129	80.13	\$35.69	\$2,860	438						\$	2,860	\$	2,860	\$	-
1/19/2019	11	516.215	76.22	\$33.57	\$2,559	440						\$	2,559	\$	2,559	\$	-
1/19/2019	12	514.208	73.21	\$32.79	\$2,401	441						\$	2,401	\$	2,401	\$	-
1/19/2019	13	508.312	68.31	\$31.64	\$2,161	440						\$	2,161	\$	2,161	\$	-
1/19/2019	14	501.568	60.57	\$30.45	\$1,844	441						\$	1,844	\$	1,844	\$	-
1/19/2019	15	500.69	60.69	\$30.72	\$1,864	440						\$	1,864	\$	1,864	\$	-



Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)			
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6		
1/19/2019	16	509.644	70.64	\$32.47	\$2,294	439						\$	2,294	\$	2,294	\$	-
1/19/2019	17	532.344	91.34	\$38.33	\$3,501	441						\$	3,501	\$	3,501	\$	-
1/19/2019	18	543.19	104.19	\$38.35	\$3,996	439						\$	3,996	\$	3,605	\$	391
1/19/2019	19	535.445	92.45	\$34.25	\$3,166	443						\$	3,166	\$	3,166	\$	-
1/19/2019	20	533.644	94.64	\$30.79	\$2,914	439						\$	2,914	\$	2,894	\$	20
1/19/2019	21	529.874	89.87	\$27.76	\$2,495	440						\$	2,495	\$	2,495	\$	-
1/19/2019	22	522.918	81.92	\$25.34	\$2,076	441						\$	2,076	\$	2,076	\$	-
1/19/2019	23	511.235	71.24	\$22.32	\$1,590	440						\$	1,590	\$	1,590	\$	-
1/20/2019	0	503.718	63.72	\$21.50	\$1,370	440						\$	1,370	\$	1,370	\$	-
1/20/2019	1	498.16	58.16	\$21.22	\$1,234	440						\$	1,234	\$	1,234	\$	-
1/20/2019	2	497.211	58.21	\$21.14	\$1,231	439						\$	1,231	\$	1,231	\$	-
1/20/2019	3	499.128	60.13	\$21.05	\$1,266	439						\$	1,266	\$	1,266	\$	-
1/20/2019	4	504.843	64.84	\$21.15	\$1,371	440						\$	1,371	\$	1,371	\$	-
1/20/2019	5	515.774	74.77	\$21.49	\$1,607	441						\$	1,607	\$	1,607	\$	-
1/20/2019	6	529.513	89.51	\$21.39	\$1,915	440						\$	1,915	\$	1,915	\$	-
1/20/2019	7	547.012	107.01	\$23.11	\$2,473	440						\$	2,473	\$	2,172	\$	301
1/20/2019	8	558.631	118.63	\$24.04	\$2,852	440						\$	2,852	\$	2,260	\$	592
1/20/2019	9	568.977	128.98	\$25.20	\$3,250	440						\$	3,250	\$	2,369	\$	881
1/20/2019	10	567.645	127.65	\$25.92	\$3,309	440						\$	3,309	\$	2,436	\$	872
1/20/2019	11	574.333	133.33	\$26.69	\$3,559	441						\$	3,559	\$	2,509	\$	1,050
1/20/2019	12	567.241	127.24	\$26.71	\$3,399	440						\$	3,399	\$	2,511	\$	888
1/20/2019	13	554.497	114.5	\$26.49	\$3,033	440						\$	3,033	\$	2,490	\$	543
1/20/2019	14	548.822	109.82	\$26.28	\$2,886	439						\$	2,886	\$	2,470	\$	416
1/20/2019	15	547.62	106.62	\$26.69	\$2,846	441						\$	2,846	\$	2,509	\$	337
1/20/2019	16	556.414	114.41	\$28.82	\$3,297	442						\$	3,297	\$	2,709	\$	588
1/20/2019	17	593.044	118.04	\$35.41	\$4,180	475						\$	4,180	\$	3,329	\$	851
1/20/2019	18	623.394	70.39	\$38.16	\$2,686	553						\$	2,686	\$	2,686	\$	-
1/20/2019	19	623.158	23.16	\$41.11	\$952	600						\$	952	\$	952	\$	-
1/20/2019	20	617.911	20.91	\$38.56	\$806	597						\$	806	\$	806	\$	-
1/20/2019	21	607.449	7.45	\$38.41	\$286	600						\$	286	\$	286	\$	-
1/20/2019	22	597.433	6.43	\$36.20	\$233	591						\$	233	\$	233	\$	-
1/20/2019	23	581.886		\$0	\$0	585						\$	-	\$	-	\$	-
1/21/2019	0	569.854		\$0	\$0	599						\$	-	\$	-	\$	-
1/21/2019	1	564.672		\$0	\$0	597						\$	-	\$	-	\$	-
1/21/2019	2	566.331	8.33	\$28.42	\$237	558						\$	237	\$	237	\$	-
1/21/2019	3	575.318	86.32	\$31.33	\$2,704	489						\$	2,704	\$	2,704	\$	-
1/21/2019	4	587.988		\$0	\$0	603						\$	-	\$	-	\$	-
1/21/2019	5	614.175	16.18	\$41.51	\$672	598						\$	672	\$	672	\$	-
1/21/2019	6	655.152	61.15	\$51.02	\$3,120	594						\$	3,120	\$	3,120	\$	-
1/21/2019	7	687.75	89.75	\$56.64	\$5,083	567						\$	5,083	\$	5,083	\$	-
1/21/2019	8	690.513	24.51	\$56.02	\$1,373	574					31	\$	1,373	\$	1,373	\$	-
1/21/2019	9	677.598	41.6	\$54.14	\$2,252	551						\$	2,252	\$	2,252	\$	-
1/21/2019	10	662.122	19.12	\$53.77	\$1,028	548						\$	1,028	\$	1,028	\$	-
1/21/2019	11	641.321	27.32	\$53.52	\$1,462	590						\$	1,462	\$	1,462	\$	-
1/21/2019	12	624.833	25.83	\$40.81	\$1,054	599						\$	1,054	\$	1,054	\$	-
1/21/2019	13	612.337	12.34	\$42.12	\$520	600						\$	520	\$	520	\$	-
1/21/2019	14	604.738	6.74	\$35.27	\$238	598						\$	238	\$	238	\$	-
1/21/2019	15	600.295	17.3	\$34.11	\$590	583						\$	590	\$	590	\$	-
1/21/2019	16	611.63	67.63	\$35.14	\$2,377	533			5		6	\$	2,377	\$	2,377	\$	-
1/21/2019	17	645.174	68.17	\$46.16	\$3,147	492		33	8	11	33	\$	3,147	\$	3,147	\$	-
1/21/2019	18	676.918	0	\$0.00	\$0	501		70	65	68	71	\$	-	\$	-	\$	-
1/21/2019	19	679.559	77.56	\$52.83	\$4,097	518		20	21	21	22	\$	4,097	\$	4,097	\$	-
1/21/2019	20	669.347	0	\$0.00	\$0	564		72	73	73	75	\$	-	\$	-	\$	-
1/21/2019	21	648.066	0	\$0.00	\$0	593		45	45	45	46	\$	-	\$	-	\$	-
1/21/2019	22	624.294	0	\$0.00	\$0	596		18	19	17	20	\$	-	\$	-	\$	-
1/21/2019	23	596.019		\$0	\$0	599						\$	-	\$	-	\$	-

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Demand (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)	
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6
1/22/2019	0	579.231	0	\$0.00	\$0	599							\$ -	\$ -	\$ -
1/22/2019	1	564.534	0	\$0.00	\$0	600							\$ -	\$ -	\$ -
1/22/2019	2	560.903	0	\$0.00	\$0	595							\$ -	\$ -	\$ -
1/22/2019	3	559.418	0	\$0.00	\$0	590							\$ -	\$ -	\$ -
1/22/2019	4	571.322	0	\$0.00	\$0	585							\$ -	\$ -	\$ -
1/22/2019	5	596.202	11.2	\$53.06	\$594	585							\$ 594	\$ 594	\$ -
1/22/2019	6	636.029	59.03	\$75.95	\$4,483	577							\$ 4,483	\$ 4,483	\$ -
1/22/2019	7	666.431	87.43	\$82.33	\$7,198	579							\$ 7,198	\$ 7,198	\$ -
1/22/2019	8	659.735	69.74	\$65.32	\$4,555	590							\$ 4,555	\$ 4,555	\$ -
1/22/2019	9	640.204	48.2	\$57.81	\$2,786	592							\$ 2,786	\$ 2,786	\$ -
1/22/2019	10	618.541	19.54	\$47.23	\$923	599							\$ 923	\$ 923	\$ -
1/22/2019	11	600.265	1.27	\$41.30	\$52	599							\$ 52	\$ 52	\$ -
1/22/2019	12	577.898	0	\$0.00	\$0	596							\$ -	\$ -	\$ -
1/22/2019	13	566	0	\$0.00	\$0	590							\$ -	\$ -	\$ -
1/22/2019	14	565.864	0	\$0.00	\$0	573							\$ -	\$ -	\$ -
1/22/2019	15	562.8	9.8	\$30.83	\$302	553							\$ 302	\$ 302	\$ -
1/22/2019	16	564.877	0	\$0.00	\$0	566							\$ -	\$ -	\$ -
1/22/2019	17	579.282	0	\$0.00	\$0	598							\$ -	\$ -	\$ -
1/22/2019	18	596.718	0.72	\$47.96	\$35	596							\$ 35	\$ 35	\$ -
1/22/2019	19	588.506	0	\$0.00	\$0	599							\$ -	\$ -	\$ -
1/22/2019	20	568.938	0	\$0.00	\$0	599							\$ -	\$ -	\$ -
1/22/2019	21	548.935			\$0	566							\$ -	\$ -	\$ -
1/22/2019	22	518.535	158.54	\$30.96	\$4,908	360							\$ 4,908	\$ 2,910	\$ 1,998
1/22/2019	23	491.13	269.13	\$24.79	\$6,672	222							\$ 6,672	\$ 2,330	\$ 4,341
1/23/2019	0	473.756	255.76	\$25.34	\$6,481	218							\$ 6,481	\$ 2,382	\$ 4,099
1/23/2019	1	460.831	241.83	\$25.25	\$6,106	219							\$ 6,106	\$ 2,374	\$ 3,733
1/23/2019	2	451.066	140.07	\$24.61	\$3,447	311							\$ 3,447	\$ 2,313	\$ 1,134
1/23/2019	3	444.024	0.02	\$24.64	\$0	444							\$ 0	\$ 0	\$ -
1/23/2019	4	452.566	0	\$0.00	\$0	497							\$ -	\$ -	\$ -
1/23/2019	5	474.135			\$0	554							\$ -	\$ -	\$ -
1/23/2019	6	516.187			\$0	597							\$ -	\$ -	\$ -
1/23/2019	7	542.115			\$0	600							\$ -	\$ -	\$ -
1/23/2019	8	543.085			\$0	594							\$ -	\$ -	\$ -
1/23/2019	9	540.218			\$0	587							\$ -	\$ -	\$ -
1/23/2019	10	540.258	14.26	\$25.49	\$363	526							\$ 363	\$ 363	\$ -
1/23/2019	11	536.92	63.92	\$25.23	\$1,613	473							\$ 1,613	\$ 1,613	\$ -
1/23/2019	12	533.426	91.43	\$24.46	\$2,236	442							\$ 2,236	\$ 2,236	\$ -
1/23/2019	13	533.374	90.37	\$24.01	\$2,170	443							\$ 2,170	\$ 2,170	\$ -
1/23/2019	14	527.602	87.6	\$23.69	\$2,075	440							\$ 2,075	\$ 2,075	\$ -
1/23/2019	15	527.758	84.76	\$23.32	\$1,977	443							\$ 1,977	\$ 1,977	\$ -
1/23/2019	16	526.122	87.12	\$24.05	\$2,095	439							\$ 2,095	\$ 2,095	\$ -
1/23/2019	17	538.857	85.86	\$24.98	\$2,145	453							\$ 2,145	\$ 2,145	\$ -
1/23/2019	18	546.794	89.79	\$25.03	\$2,247	457							\$ 2,247	\$ 2,247	\$ -
1/23/2019	19	545.888	104.89	\$24.56	\$2,576	441							\$ 2,576	\$ 2,309	\$ 267
1/23/2019	20	541.01	99.01	\$23.77	\$2,353	442							\$ 2,353	\$ 2,234	\$ 119
1/23/2019	21	529.211	84.21	\$24.02	\$2,023	445							\$ 2,023	\$ 2,023	\$ -
1/23/2019	22	508.646	66.65	\$22.33	\$1,488	442							\$ 1,488	\$ 1,488	\$ -
1/23/2019	23	489.166	49.17	\$21.30	\$1,047	440							\$ 1,047	\$ 1,047	\$ -
1/24/2019	0	475.645	205.65	\$21.86	\$4,496	270							\$ 4,496	\$ 2,055	\$ 2,441
1/24/2019	1	473.973	255.97	\$21.64	\$5,539	218							\$ 5,539	\$ 2,034	\$ 3,505
1/24/2019	2	474.051	255.05	\$21.29	\$5,430	219							\$ 5,430	\$ 2,001	\$ 3,429
1/24/2019	3	477.967	241.97	\$21.20	\$5,130	236							\$ 5,130	\$ 1,993	\$ 3,137
1/24/2019	4	491.571	78.57	\$22.19	\$1,743	413							\$ 1,743	\$ 1,743	\$ -
1/24/2019	5	518.926	79.93	\$23.21	\$1,855	439							\$ 1,855	\$ 1,855	\$ -
1/24/2019	6	556.934	91.93	\$26.08	\$2,398	465							\$ 2,398	\$ 2,398	\$ -
1/24/2019	7	586.844	36.84	\$28.66	\$1,056	550							\$ 1,056	\$ 1,056	\$ -

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)	
1/24/2019	8	592.208			\$0	595							\$	-	\$	-
1/24/2019	9	599.247	43.25	\$27.53	\$1,191	556							\$	1,191	\$	1,191
1/24/2019	10	609.951	69.95	\$26.84	\$1,877	540							\$	1,877	\$	1,877
1/24/2019	11	605.166	116.17	\$25.37	\$2,947	489							\$	2,947	\$	2,385
1/24/2019	12	604.226	154.23	\$24.58	\$3,791	450							\$	3,791	\$	2,311
1/24/2019	13	610.3	166.3	\$24.29	\$4,039	444							\$	4,039	\$	2,283
1/24/2019	14	601.499	161.5	\$23.75	\$3,836	440							\$	3,836	\$	2,233
1/24/2019	15	596.731	153.73	\$23.57	\$3,623	443							\$	3,623	\$	2,216
1/24/2019	16	599.609	159.61	\$23.65	\$3,775	440							\$	3,775	\$	2,223
1/24/2019	17	610.178	155.18	\$27.05	\$4,198	455							\$	4,198	\$	2,543
1/24/2019	18	621.616	112.62	\$30.91	\$3,481	509							\$	3,481	\$	2,906
1/24/2019	19	619.505	90.51	\$30.19	\$2,732	529							\$	2,732	\$	2,732
1/24/2019	20	607.603	25.6	\$28.51	\$730	582							\$	730	\$	730
1/24/2019	21	592.377	44.38	\$25.70	\$1,141	548							\$	1,141	\$	1,141
1/24/2019	22	566.36	114.36	\$24.62	\$2,816	452							\$	2,816	\$	2,314
1/24/2019	23	537.932	96.93	\$23.52	\$2,280	441							\$	2,280	\$	2,211
1/25/2019	0	523.619	259.62	\$22.57	\$5,860	264							\$	5,860	\$	2,122
1/25/2019	1	521.936	301.94	\$22.72	\$6,860	220							\$	6,860	\$	2,136
1/25/2019	2	522.14	302.14	\$22.81	\$6,892	220							\$	6,892	\$	2,144
1/25/2019	3	522.036	274.04	\$23.03	\$6,311	248							\$	6,311	\$	2,165
1/25/2019	4	544.156	117.16	\$23.15	\$2,712	427							\$	2,712	\$	2,176
1/25/2019	5	577.9	117.9	\$24.45	\$2,883	460							\$	2,883	\$	2,298
1/25/2019	6	632.054	104.05	\$34.59	\$3,599	528							\$	3,599	\$	3,251
1/25/2019	7	671.42	81.42	\$42.34	\$3,447	590							\$	3,447	\$	3,447
1/25/2019	8	664.822	71.82	\$39.55	\$2,840	593							\$	2,840	\$	2,840
1/25/2019	9	644.617	47.62	\$37.52	\$1,787	597							\$	1,787	\$	1,787
1/25/2019	10	634.908	35.91	\$37.28	\$1,339	599							\$	1,339	\$	1,339
1/25/2019	11	617.432	20.43	\$34.31	\$701	597							\$	701	\$	701
1/25/2019	12	604.942	31.94	\$31.72	\$1,013	573							\$	1,013	\$	1,013
1/25/2019	13	593.384	44.38	\$29.20	\$1,296	549							\$	1,296	\$	1,296
1/25/2019	14	576.896	75.9	\$28.20	\$2,140	501							\$	2,140	\$	2,140
1/25/2019	15	568.216	92.22	\$28.34	\$2,614	476							\$	2,614	\$	2,614
1/25/2019	16	570.177	114.18	\$29.15	\$3,328	456							\$	3,328	\$	2,740
1/25/2019	17	591.409	66.41	\$39.93	\$2,652	525							\$	2,652	\$	2,652
1/25/2019	18	623.125	36.13	\$41.14	\$1,486	587							\$	1,486	\$	1,486
1/25/2019	19	619.122	21.12	\$39.28	\$830	598							\$	830	\$	830
1/25/2019	20	611.209	12.21	\$38.51	\$470	599							\$	470	\$	470
1/25/2019	21	597.328			\$0	598							\$	-	\$	-
1/25/2019	22	573.534			\$0	596							\$	-	\$	-
1/25/2019	23	550.122			\$0	557							\$	-	\$	-
1/26/2019	0	529.534	0	\$0.00	\$0	568							\$	-	\$	-
1/26/2019	1	515.551	0	\$0.00	\$0	599							\$	-	\$	-
1/26/2019	2	506.515	0	\$0.00	\$0	595							\$	-	\$	-
1/26/2019	3	501.539	0	\$0.00	\$0	597							\$	-	\$	-
1/26/2019	4	504.275	0	\$0.00	\$0	600							\$	-	\$	-
1/26/2019	5	512.077			\$0	598							\$	-	\$	-
1/26/2019	6	524.864			\$0	596							\$	-	\$	-
1/26/2019	7	542.616			\$0	599							\$	-	\$	-
1/26/2019	8	551.781			\$0	601							\$	-	\$	-
1/26/2019	9	561.641			\$0	597							\$	-	\$	-
1/26/2019	10	565.09	17.09	\$28.84	\$493	548							\$	493	\$	493
1/26/2019	11	559.269			\$0	564							\$	-	\$	-
1/26/2019	12	550.85	41.85	\$25.52	\$1,068	509							\$	1,068	\$	1,068
1/26/2019	13	541.545	99.55	\$24.40	\$2,429	442							\$	2,429	\$	2,294
1/26/2019	14	530.122	90.12	\$24.00	\$2,163	440							\$	2,163	\$	2,163
1/26/2019	15	523.364	84.36	\$23.96	\$2,021	439							\$	2,021	\$	2,021

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Demand (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)			
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6		
1/26/2019	16	519.196	75.2	\$24.41	\$1,836	444						\$	1,836	\$	1,836	\$	-
1/26/2019	17	533.247	71.25	\$27.25	\$1,942	462						\$	1,942	\$	1,942	\$	-
1/26/2019	18	547.139	15.14	\$29.42	\$445	532						\$	445	\$	445	\$	-
1/26/2019	19	540.929			\$0	584						\$	-	\$	-	\$	-
1/26/2019	20	535.987			\$0	585						\$	-	\$	-	\$	-
1/26/2019	21	523.609	15.61	\$25.54	\$399	508						\$	399	\$	399	\$	-
1/26/2019	22	503.071	59.07	\$24.64	\$1,455	444						\$	1,455	\$	1,455	\$	-
1/26/2019	23	480.849	40.85	\$23.75	\$970	440						\$	970	\$	970	\$	-
1/27/2019	0	462.469	180.47	\$24.43	\$4,409	282						\$	4,409	\$	2,296	\$	2,112
1/27/2019	1	448.918	231.92	\$23.94	\$5,552	217						\$	5,552	\$	2,250	\$	3,302
1/27/2019	2	443.002	199	\$23.63	\$4,702	244						\$	4,702	\$	2,221	\$	2,481
1/27/2019	3	441.123	66.12	\$23.39	\$1,547	375						\$	1,547	\$	1,547	\$	-
1/27/2019	4	445.082	26.08	\$23.34	\$609	419						\$	609	\$	609	\$	-
1/27/2019	5	455.025	33.03	\$23.35	\$771	422						\$	771	\$	771	\$	-
1/27/2019	6	473.484	28.48	\$23.98	\$683	445						\$	683	\$	683	\$	-
1/27/2019	7	496.029	9.03	\$25.06	\$226	487						\$	226	\$	226	\$	-
1/27/2019	8	513.981	30.98	\$25.18	\$780	483						\$	780	\$	780	\$	-
1/27/2019	9	526.11	76.11	\$24.91	\$1,896	450						\$	1,896	\$	1,896	\$	-
1/27/2019	10	530.306	89.31	\$24.58	\$2,195	441						\$	2,195	\$	2,195	\$	-
1/27/2019	11	513.784	74.78	\$24.23	\$1,812	439						\$	1,812	\$	1,812	\$	-
1/27/2019	12	500.073	59.07	\$23.94	\$1,414	441						\$	1,414	\$	1,414	\$	-
1/27/2019	13	489.263	49.26	\$23.68	\$1,166	440						\$	1,166	\$	1,166	\$	-
1/27/2019	14	479.571	37.57	\$23.52	\$884	442						\$	884	\$	884	\$	-
1/27/2019	15	478.502	39.5	\$23.64	\$934	439						\$	934	\$	934	\$	-
1/27/2019	16	490.225	46.23	\$23.94	\$1,107	444						\$	1,107	\$	1,107	\$	-
1/27/2019	17	518.347	43.35	\$27.58	\$1,196	475						\$	1,196	\$	1,196	\$	-
1/27/2019	18	554.045	2.05	\$30.30	\$62	552						\$	62	\$	62	\$	-
1/27/2019	19	564.209			\$0	591						\$	-	\$	-	\$	-
1/27/2019	20	562.601			\$0	576						\$	-	\$	-	\$	-
1/27/2019	21	551.014			\$0	565						\$	-	\$	-	\$	-
1/27/2019	22	532.73	39.73	\$24.59	\$977	493						\$	977	\$	977	\$	-
1/27/2019	23	512.867	71.87	\$23.73	\$1,705	441						\$	1,705	\$	1,705	\$	-
1/28/2019	0	501.342	57.34	\$22.16	\$1,271	444						\$	1,271	\$	1,271	\$	-
1/28/2019	1	490.565	48.57	\$21.82	\$1,060	442						\$	1,060	\$	1,060	\$	-
1/28/2019	2	485.696	43.7	\$21.91	\$957	442						\$	957	\$	957	\$	-
1/28/2019	3	487.5	46.5	\$22.04	\$1,025	441						\$	1,025	\$	1,025	\$	-
1/28/2019	4	496.019	55.02	\$22.60	\$1,243	441						\$	1,243	\$	1,243	\$	-
1/28/2019	5	521.948	67.95	\$24.55	\$1,668	454						\$	1,668	\$	1,668	\$	-
1/28/2019	6	570.094	45.09	\$33.50	\$1,511	525						\$	1,511	\$	1,511	\$	-
1/28/2019	7	600.983	7.98	\$37.10	\$296	593						\$	296	\$	296	\$	-
1/28/2019	8	597.689			\$0	604						\$	-	\$	-	\$	-
1/28/2019	9	588.824			\$0	597						\$	-	\$	-	\$	-
1/28/2019	10	580.255			\$0	586						\$	-	\$	-	\$	-
1/28/2019	11	559.402	40.4	\$27.61	\$1,115	519						\$	1,115	\$	1,115	\$	-
1/28/2019	12	556.457	46.46	\$26.20	\$1,217	510						\$	1,217	\$	1,217	\$	-
1/28/2019	13	549.021	93.02	\$24.90	\$2,316	456						\$	2,316	\$	2,316	\$	-
1/28/2019	14	544.443	101.44	\$24.29	\$2,464	443						\$	2,464	\$	2,283	\$	181
1/28/2019	15	540.664	84.66	\$24.00	\$2,032	456						\$	2,032	\$	2,032	\$	-
1/28/2019	16	537.671	89.67	\$25.03	\$2,244	448						\$	2,244	\$	2,244	\$	-
1/28/2019	17	550.361	70.36	\$29.19	\$2,054	480						\$	2,054	\$	2,054	\$	-
1/28/2019	18	563.78	2.78	\$30.23	\$84	561						\$	84	\$	84	\$	-
1/28/2019	19	557.605			\$0	583						\$	-	\$	-	\$	-
1/28/2019	20	550.88			\$0	585						\$	-	\$	-	\$	-
1/28/2019	21	542.389	2.39	\$26.02	\$62	540						\$	62	\$	62	\$	-
1/28/2019	22	533.973	51.97	\$24.11	\$1,253	482						\$	1,253	\$	1,253	\$	-
1/28/2019	23	519.515	80.52	\$23.32	\$1,878	439						\$	1,878	\$	1,878	\$	-

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
1/29/2019	0	509.487	66.49	\$25.82	\$1,717	443								\$ 1,717	\$ 1,717	\$ -
1/29/2019	1	513.652	70.65	\$25.92	\$1,831	443								\$ 1,831	\$ 1,831	\$ -
1/29/2019	2	520.66	78.66	\$26.18	\$2,059	442								\$ 2,059	\$ 2,059	\$ -
1/29/2019	3	528.701	90.7	\$25.85	\$2,345	438								\$ 2,345	\$ 2,345	\$ -
1/29/2019	4	545.417	97.42	\$26.51	\$2,583	448								\$ 2,583	\$ 2,492	\$ 91
1/29/2019	5	577.403	66.4	\$28.92	\$1,920	511								\$ 1,920	\$ 1,920	\$ -
1/29/2019	6	627.693	29.69	\$35.27	\$1,047	598								\$ 1,047	\$ 1,047	\$ -
1/29/2019	7	659.969	61.97	\$40.72	\$2,523	598								\$ 2,523	\$ 2,523	\$ -
1/29/2019	8	657.961	58.96	\$36.28	\$2,139	599								\$ 2,139	\$ 2,139	\$ -
1/29/2019	9	658.642	60.64	\$34.00	\$2,062	598								\$ 2,062	\$ 2,062	\$ -
1/29/2019	10	660.27	59.27	\$35.18	\$2,085	601								\$ 2,085	\$ 2,085	\$ -
1/29/2019	11	656.234	57.23	\$33.20	\$1,900	599								\$ 1,900	\$ 1,900	\$ -
1/29/2019	12	656.105	59.11	\$32.45	\$1,918	597								\$ 1,918	\$ 1,918	\$ -
1/29/2019	13	642.304	44.3	\$32.34	\$1,433	598								\$ 1,433	\$ 1,433	\$ -
1/29/2019	14	621.593	21.59	\$31.91	\$689	600								\$ 689	\$ 689	\$ -
1/29/2019	15	616.766	16.77	\$31.98	\$536	600								\$ 536	\$ 536	\$ -
1/29/2019	16	627.465	28.47	\$32.59	\$928	599								\$ 928	\$ 928	\$ -
1/29/2019	17	649.89	50.89	\$38.15	\$1,941	599								\$ 1,941	\$ 1,941	\$ -
1/29/2019	18	682.637	84.64	\$39.92	\$3,379	598								\$ 3,379	\$ 3,379	\$ -
1/29/2019	19	680.091	82.09	\$40.90	\$3,357	598								\$ 3,357	\$ 3,357	\$ -
1/29/2019	20	668.643	66.64	\$41.48	\$2,764	602								\$ 2,764	\$ 2,764	\$ -
1/29/2019	21	650.094	52.09	\$39.57	\$2,061	598								\$ 2,061	\$ 2,061	\$ -
1/29/2019	22	621.697	26.7	\$33.16	\$885	595								\$ 885	\$ 885	\$ -
1/29/2019	23	601.138	31.14	\$29.35	\$914	570								\$ 914	\$ 914	\$ -
1/30/2019	0	598.222	74.22	\$28.12	\$2,087	524								\$ 2,087	\$ 2,087	\$ -
1/30/2019	1	600.083	143.08	\$28.31	\$4,051	457								\$ 4,051	\$ 2,661	\$ 1,389
1/30/2019	2	598.109	153.11	\$28.43	\$4,353	445								\$ 4,353	\$ 2,672	\$ 1,680
1/30/2019	3	608.895	166.9	\$29.06	\$4,850	442								\$ 4,850	\$ 2,732	\$ 2,118
1/30/2019	4	632.492	180.49	\$29.94	\$5,404	452								\$ 5,404	\$ 2,814	\$ 2,590
1/30/2019	5	663.072	171.07	\$36.67	\$6,273	492								\$ 6,273	\$ 3,447	\$ 2,826
1/30/2019	6	700.065	148.07	\$48.29	\$7,150	552								\$ 7,150	\$ 4,539	\$ 2,611
1/30/2019	7	730.45	130.45	\$59.34	\$7,741	600								\$ 7,741	\$ 5,578	\$ 2,163
1/30/2019	8	747.181	147.18	\$54.66	\$8,045	600								\$ 8,045	\$ 5,138	\$ 2,907
1/30/2019	9	758.704	160.7	\$49.27	\$7,918	598								\$ 7,918	\$ 4,631	\$ 3,286
1/30/2019	10	756.025	156.03	\$62.85	\$9,806	600							2	\$ 9,806	\$ 5,908	\$ 3,899
1/30/2019	11	738.68	139.68	\$56.64	\$7,911	599						5	4	\$ 7,911	\$ 5,324	\$ 2,587
1/30/2019	12	726.975	129.97	\$49.32	\$6,410	597				79	86	73		\$ 6,410	\$ 4,636	\$ 1,774
1/30/2019	13	715.354	118.35	\$48.64	\$5,757	597				59	58	63		\$ 5,757	\$ 4,572	\$ 1,184
1/30/2019	14	701.574	98.57	\$47.33	\$4,665	603				16	14	15		\$ 4,665	\$ 4,449	\$ 216
1/30/2019	15	692.791	93.79	\$46.91	\$4,400	599				1	12	14		\$ 4,400	\$ 4,400	\$ -
1/30/2019	16	698.781	99.78	\$55.27	\$5,515	599				6	30	28	31	\$ 5,515	\$ 5,195	\$ 319
1/30/2019	17	726.109	52.11	\$84.36	\$4,396	598				76	93	92	94	\$ 4,396	\$ 4,396	\$ -
1/30/2019	18	771.079	76.08	\$95.66	\$7,278	600				95	93	90	96	\$ 7,278	\$ 7,278	\$ -
1/30/2019	19	778.953	84.95	\$94.42	\$8,021	599				95	95	93	96	\$ 8,021	\$ 8,021	\$ -
1/30/2019	20	770.956	77.96	\$92.10	\$7,180	600				93	95	91	97	\$ 7,180	\$ 7,180	\$ -
1/30/2019	21	752.143	61.14	\$78.87	\$4,822	598				93	92	62	94	\$ 4,822	\$ 4,822	\$ -
1/30/2019	22	727.461	68.46	\$66.31	\$4,540	600				59	59	33	61	\$ 4,540	\$ 4,540	\$ -
1/30/2019	23	707.625	102.63	\$54.00	\$5,542	600				2	1		2	\$ 5,542	\$ 5,076	\$ 466
1/31/2019	0	694.025	96.03	\$57.99	\$5,569	598								\$ 5,569	\$ 5,451	\$ 118
1/31/2019	1	689.226	89.23	\$56.31	\$5,025	600								\$ 5,025	\$ 5,025	\$ -
1/31/2019	2	687.252	89.25	\$54.41	\$4,856	598								\$ 4,856	\$ 4,856	\$ -
1/31/2019	3	692.129	90.13	\$53.91	\$4,859	602								\$ 4,859	\$ 4,859	\$ -
1/31/2019	4	706.958	107.96	\$66.73	\$7,204	599								\$ 7,204	\$ 6,273	\$ 932
1/31/2019	5	729.382	129.38	\$74.13	\$9,591	600								\$ 9,591	\$ 6,968	\$ 2,623
1/31/2019	6	766.554	135.55	\$103.79	\$14,069	600				9	8	7	7	\$ 14,069	\$ 9,756	\$ 4,312
1/31/2019	7	797.286	109.29	\$151.59	\$16,567	597				23	23	22	23	\$ 16,567	\$ 14,249	\$ 2,318

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)	
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6
1/31/2019	8	787.82	116.82	\$123.72	\$14,453	598			17	18	17	21	\$ 14,453	\$ 11,630	\$ 2,823
1/31/2019	9	759.324	0	\$0.00	\$0	602			96	95	95	96	\$ -	\$ -	\$ -
1/31/2019	10	742.681	0	\$0.00	\$0	600			81	83	79	80	\$ -	\$ -	\$ -
1/31/2019	11	718.796	119.8	\$86.36	\$10,346	599							\$ 10,346	\$ 8,118	\$ 2,228
1/31/2019	12	700.47	101.47	\$73.17	\$7,425	599							\$ 7,425	\$ 6,878	\$ 547
1/31/2019	13	687.838	87.84	\$66.48	\$5,840	600							\$ 5,840	\$ 5,840	\$ -
1/31/2019	14	677.127	78.13	\$53.10	\$4,149	599							\$ 4,149	\$ 4,149	\$ -
1/31/2019	15	666.368	67.37	\$50.97	\$3,434	599							\$ 3,434	\$ 3,434	\$ -
1/31/2019	16	679.532	81.53	\$54.66	\$4,456	598							\$ 4,456	\$ 4,456	\$ -
1/31/2019	17	691.247	81.25	\$72.16	\$5,863	600			1	5	3	1	\$ 5,863	\$ 5,863	\$ -
1/31/2019	18	710.026	94.03	\$89.80	\$8,444	599			4	5	3	5	\$ 8,444	\$ 8,441	\$ 3
1/31/2019	19	703.297	104.3	\$87.52	\$9,128	599							\$ 9,128	\$ 8,227	\$ 901
1/31/2019	20	693.082	93.08	\$74.64	\$6,947	600							\$ 6,947	\$ 6,947	\$ -
1/31/2019	21	669.542	70.54	\$65.93	\$4,651	599							\$ 4,651	\$ 4,651	\$ -
1/31/2019	22	642.161	44.16	\$53.06	\$2,343	598							\$ 2,343	\$ 2,343	\$ -
1/31/2019	23	608.749	9.75	\$43.12	\$420	599							\$ 420	\$ 420	\$ -
2/1/2019	0	590.319			\$0	599							\$ -	\$ -	\$ -
2/1/2019	1	582.248			\$0	597							\$ -	\$ -	\$ -
2/1/2019	2	573.249			\$0	602							\$ -	\$ -	\$ -
2/1/2019	3	573.264			\$0	598							\$ -	\$ -	\$ -
2/1/2019	4	606.551	6.55	\$34.72	\$227	600							\$ 227	\$ 227	\$ -
2/1/2019	5	602.674	4.67	\$41.44	\$194	598							\$ 194	\$ 194	\$ -
2/1/2019	6	638.193	0	\$0.00	\$0	598			29	23	24	24	\$ -	\$ -	\$ -
2/1/2019	7	663.086	0	\$0.00	\$0	601			82	80	83	83	\$ -	\$ -	\$ -
2/1/2019	8	657.146	0	\$0.00	\$0	601			70	77	81	84	\$ -	\$ -	\$ -
2/1/2019	9	651.01	0	\$0.00	\$0	599				8	81	84	\$ -	\$ -	\$ -
2/1/2019	10	653.837	19.84	\$47.62	\$945	599					16	19	\$ 945	\$ 945	\$ -
2/1/2019	11	642.037	45.04	\$40.74	\$1,835	597							\$ 1,835	\$ 1,835	\$ -
2/1/2019	12	619.474	22.47	\$37.54	\$844	597							\$ 844	\$ 844	\$ -
2/1/2019	13	601.841	2.84	\$35.52	\$101	599							\$ 101	\$ 101	\$ -
2/1/2019	14	584.323			\$0	598							\$ -	\$ -	\$ -
2/1/2019	15	576.665			\$0	599							\$ -	\$ -	\$ -
2/1/2019	16	574.697			\$0	598							\$ -	\$ -	\$ -
2/1/2019	17	574.436			\$0	599							\$ -	\$ -	\$ -
2/1/2019	18	598.735	0.74	\$46.15	\$34	598							\$ 34	\$ 34	\$ -
2/1/2019	19	598.77			\$0	601							\$ -	\$ -	\$ -
2/1/2019	20	592.971			\$0	599							\$ -	\$ -	\$ -
2/1/2019	21	583.234			\$0	599							\$ -	\$ -	\$ -
2/1/2019	22	570.475			\$0	599							\$ -	\$ -	\$ -
2/1/2019	23	546.801			\$0	597							\$ -	\$ -	\$ -
2/2/2019	0	528.059			\$0	598							\$ -	\$ -	\$ -
2/2/2019	1	516.183			\$0	599							\$ -	\$ -	\$ -
2/2/2019	2	505.314			\$0	598							\$ -	\$ -	\$ -
2/2/2019	3	499.125			\$0	599							\$ -	\$ -	\$ -
2/2/2019	4	502.883			\$0	600							\$ -	\$ -	\$ -
2/2/2019	5	508.545			\$0	597							\$ -	\$ -	\$ -
2/2/2019	6	519.433			\$0	603							\$ -	\$ -	\$ -
2/2/2019	7	540.121			\$0	598							\$ -	\$ -	\$ -
2/2/2019	8	553.719			\$0	599							\$ -	\$ -	\$ -
2/2/2019	9	562.555			\$0	598							\$ -	\$ -	\$ -
2/2/2019	10	559.241			\$0	597							\$ -	\$ -	\$ -
2/2/2019	11	550.01			\$0	569							\$ -	\$ -	\$ -
2/2/2019	12	527.905	44.91	\$23.98	\$1,077	483							\$ 1,077	\$ 1,077	\$ -
2/2/2019	13	505.327	63.33	\$22.49	\$1,424	442							\$ 1,424	\$ 1,424	\$ -
2/2/2019	14	480.794	39.79	\$22.00	\$875	441							\$ 875	\$ 875	\$ -
2/2/2019	15	465.868	23.87	\$21.89	\$523	442							\$ 523	\$ 523	\$ -

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)	
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6
2/2/2019	16	460.013	13.01	\$21.89	\$285	442	5						\$ 285	\$ 285	\$ -
2/2/2019	17	470.684	22.68	\$25.45	\$577	448							\$ 577	\$ 577	\$ -
2/2/2019	18	498.072	26.07	\$28.21	\$735	472							\$ 735	\$ 735	\$ -
2/2/2019	19	500.354	50.35	\$25.62	\$1,290	450							\$ 1,290	\$ 1,290	\$ -
2/2/2019	20	497.514	45.51	\$24.85	\$1,131	452							\$ 1,131	\$ 1,131	\$ -
2/2/2019	21	490.394	48.39	\$23.30	\$1,127	442							\$ 1,127	\$ 1,127	\$ -
2/2/2019	22	477.142	23.14	\$22.76	\$527	454							\$ 527	\$ 527	\$ -
2/2/2019	23	458.748	18.75	\$21.14	\$396	440							\$ 396	\$ 396	\$ -
2/3/2019	0	445.183	3.18	\$21.35	\$68	442							\$ 68	\$ 68	\$ -
2/3/2019	1	433.457			\$0	441							\$ -	\$ -	\$ -
2/3/2019	2	423.487			\$0	440							\$ -	\$ -	\$ -
2/3/2019	3	418.496			\$0	438							\$ -	\$ -	\$ -
2/3/2019	4	422.442			\$0	446							\$ -	\$ -	\$ -
2/3/2019	5	427.28			\$0	441							\$ -	\$ -	\$ -
2/3/2019	6	437.987			\$0	442							\$ -	\$ -	\$ -
2/3/2019	7	450.524			\$0	472							\$ -	\$ -	\$ -
2/3/2019	8	457.519	17.52	\$22.68	\$397	440							\$ 397	\$ 397	\$ -
2/3/2019	9	469.373	28.37	\$22.37	\$635	441							\$ 635	\$ 635	\$ -
2/3/2019	10	465.869	24.87	\$22.09	\$549	441							\$ 549	\$ 549	\$ -
2/3/2019	11	449.39	10.39	\$21.17	\$220	439							\$ 220	\$ 220	\$ -
2/3/2019	12	438.755			\$0	441							\$ -	\$ -	\$ -
2/3/2019	13	432.097			\$0	442							\$ -	\$ -	\$ -
2/3/2019	14	422.336			\$0	440							\$ -	\$ -	\$ -
2/3/2019	15	420.395			\$0	441							\$ -	\$ -	\$ -
2/3/2019	16	423.327			\$0	441							\$ -	\$ -	\$ -
2/3/2019	17	435.933			\$0	442							\$ -	\$ -	\$ -
2/3/2019	18	454.54	8.54	\$24.59	\$210	446							\$ 210	\$ 210	\$ -
2/3/2019	19	448.608	4.61	\$23.57	\$109	444							\$ 109	\$ 109	\$ -
2/3/2019	20	442.602	1.6	\$22.73	\$36	441							\$ 36	\$ 36	\$ -
2/3/2019	21	436.798	23.8	\$21.82	\$519	413							\$ 519	\$ 519	\$ -
2/3/2019	22	428.799	135.8	\$20.71	\$2,812	293							\$ 2,812	\$ 1,947	\$ 866
2/3/2019	23	410.362	271.36	\$19.83	\$5,381	139							\$ 5,381	\$ 1,864	\$ 3,517
2/4/2019	0	392.602	392.6	\$19.19	\$7,534								\$ 7,534	\$ 1,804	\$ 5,730
2/4/2019	1	384.745	384.75	\$19.28	\$7,418								\$ 7,418	\$ 1,812	\$ 5,606
2/4/2019	2	382.706	382.71	\$19.12	\$7,317								\$ 7,317	\$ 1,797	\$ 5,520
2/4/2019	3	385.494	385.49	\$19.37	\$7,467								\$ 7,467	\$ 1,821	\$ 5,646
2/4/2019	4	399.271	399.27	\$20.02	\$7,993								\$ 7,993	\$ 1,882	\$ 6,112
2/4/2019	5	429.557	429.56	\$21.72	\$9,330								\$ 9,330	\$ 2,042	\$ 7,288
2/4/2019	6	479.537	479.54	\$28.38	\$13,609								\$ 13,609	\$ 2,668	\$ 10,942
2/4/2019	7	511.042	511.04	\$28.10	\$14,360								\$ 14,360	\$ 2,641	\$ 11,719
2/4/2019	8	503.134	503.13	\$25.39	\$12,774								\$ 12,774	\$ 2,387	\$ 10,388
2/4/2019	9	494.57	494.57	\$25.31	\$12,518								\$ 12,518	\$ 2,379	\$ 10,138
2/4/2019	10	490.971	490.97	\$24.02	\$11,793								\$ 11,793	\$ 2,258	\$ 9,535
2/4/2019	11	484.515	484.52	\$22.88	\$11,086								\$ 11,086	\$ 2,151	\$ 8,935
2/4/2019	12	488.724	488.72	\$22.14	\$10,820								\$ 10,820	\$ 2,081	\$ 8,739
2/4/2019	13	485.843	485.84	\$21.57	\$10,480								\$ 10,480	\$ 2,028	\$ 8,452
2/4/2019	14	481.919	481.92	\$20.78	\$10,014								\$ 10,014	\$ 1,953	\$ 8,061
2/4/2019	15	484.872	484.87	\$20.49	\$9,935								\$ 9,935	\$ 1,926	\$ 8,009
2/4/2019	16	488.906	488.91	\$21.12	\$10,326								\$ 10,326	\$ 1,985	\$ 8,340
2/4/2019	17	500.778	500.78	\$24.28	\$12,159								\$ 12,159	\$ 2,282	\$ 9,877
2/4/2019	18	512.511	512.51	\$24.93	\$12,777								\$ 12,777	\$ 2,343	\$ 10,433
2/4/2019	19	507.484	507.48	\$23.77	\$12,063								\$ 12,063	\$ 2,234	\$ 9,828
2/4/2019	20	493.646	493.65	\$23.22	\$11,463								\$ 11,463	\$ 2,183	\$ 9,280
2/4/2019	21	472.226	472.23	\$22.22	\$10,493								\$ 10,493	\$ 2,089	\$ 8,404
2/4/2019	22	446.696	446.7	\$20.60	\$9,202								\$ 9,202	\$ 1,936	\$ 7,266
2/4/2019	23	420.296	420.3	\$20.00	\$8,406								\$ 8,406	\$ 1,880	\$ 6,526

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)			
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6		
2/5/2019	0	401.667	401.67	\$19.70	\$7,913							\$	7,913	\$	1,852	\$	6,061
2/5/2019	1	389.863	389.86	\$19.55	\$7,622							\$	7,622	\$	1,838	\$	5,784
2/5/2019	2	379.993	379.99	\$19.23	\$7,307							\$	7,307	\$	1,808	\$	5,500
2/5/2019	3	380.072	380.07	\$19.48	\$7,404							\$	7,404	\$	1,831	\$	5,573
2/5/2019	4	390.02	390.02	\$20.70	\$8,073							\$	8,073	\$	1,946	\$	6,128
2/5/2019	5	410.691	410.69	\$22.29	\$9,154							\$	9,154	\$	2,095	\$	7,059
2/5/2019	6	456.963	456.96	\$27.33	\$12,489							\$	12,489	\$	2,569	\$	9,920
2/5/2019	7	483.526	483.53	\$27.10	\$13,104							\$	13,104	\$	2,547	\$	10,556
2/5/2019	8	483.54	483.54	\$25.54	\$12,350							\$	12,350	\$	2,401	\$	9,949
2/5/2019	9	480.491	480.49	\$25.35	\$12,180							\$	12,180	\$	2,383	\$	9,798
2/5/2019	10	491.338	491.34	\$25.03	\$12,298							\$	12,298	\$	2,353	\$	9,945
2/5/2019	11	491.284	491.28	\$24.18	\$11,879							\$	11,879	\$	2,273	\$	9,606
2/5/2019	12	486.316	486.32	\$23.70	\$11,526							\$	11,526	\$	2,228	\$	9,298
2/5/2019	13	486.409	486.41	\$23.66	\$11,508							\$	11,508	\$	2,224	\$	9,284
2/5/2019	14	484.445	484.45	\$23.08	\$11,181							\$	11,181	\$	2,170	\$	9,012
2/5/2019	15	485.469	485.47	\$22.78	\$11,059							\$	11,059	\$	2,141	\$	8,918
2/5/2019	16	491.272	491.27	\$23.31	\$11,452							\$	11,452	\$	2,191	\$	9,260
2/5/2019	17	505.878	505.88	\$25.76	\$13,031							\$	13,031	\$	2,421	\$	10,610
2/5/2019	18	519.69	519.69	\$28.69	\$14,910							\$	14,910	\$	2,697	\$	12,213
2/5/2019	19	517.724	517.72	\$26.72	\$13,833							\$	13,833	\$	2,512	\$	11,322
2/5/2019	20	505.84	505.84	\$25.69	\$12,995							\$	12,995	\$	2,415	\$	10,580
2/5/2019	21	487.178	487.18	\$23.61	\$11,502							\$	11,502	\$	2,219	\$	9,283
2/5/2019	22	464.616	464.62	\$22.11	\$10,273							\$	10,273	\$	2,078	\$	8,194
2/5/2019	23	438.123	438.12	\$19.87	\$8,705							\$	8,705	\$	1,868	\$	6,838
2/6/2019	0	384.586	384.59	\$19.17	\$7,373							\$	7,373	\$	1,802	\$	5,571
2/6/2019	1	375.784	375.78	\$19.01	\$7,144							\$	7,144	\$	1,787	\$	5,357
2/6/2019	2	398.627	398.63	\$18.99	\$7,570							\$	7,570	\$	1,785	\$	5,785
2/6/2019	3	398.659	398.66	\$19.10	\$7,614							\$	7,614	\$	1,795	\$	5,819
2/6/2019	4	402.654	402.65	\$19.37	\$7,799							\$	7,799	\$	1,821	\$	5,979
2/6/2019	5	422.148	422.15	\$20.84	\$8,798							\$	8,798	\$	1,959	\$	6,839
2/6/2019	6	464.271	464.27	\$25.40	\$11,792							\$	11,792	\$	2,388	\$	9,405
2/6/2019	7	493.999	494	\$26.74	\$13,210							\$	13,210	\$	2,514	\$	10,696
2/6/2019	8	491.078	491.08	\$25.72	\$12,631							\$	12,631	\$	2,418	\$	10,213
2/6/2019	9	496.027	496.03	\$25.11	\$12,455							\$	12,455	\$	2,360	\$	10,095
2/6/2019	10	497.031	497.03	\$24.57	\$12,212							\$	12,212	\$	2,310	\$	9,902
2/6/2019	11	493.114	493.11	\$24.02	\$11,845							\$	11,845	\$	2,258	\$	9,587
2/6/2019	12	486.231	486.23	\$23.43	\$11,392							\$	11,392	\$	2,202	\$	9,190
2/6/2019	13	478.292	478.29	\$23.23	\$11,111							\$	11,111	\$	2,184	\$	8,927
2/6/2019	14	474.359	474.36	\$22.95	\$10,887							\$	10,887	\$	2,157	\$	8,729
2/6/2019	15	474.407	474.41	\$22.93	\$10,878							\$	10,878	\$	2,155	\$	8,723
2/6/2019	16	478.39	478.39	\$23.34	\$11,166							\$	11,166	\$	2,194	\$	8,972
2/6/2019	17	486.166	486.17	\$26.21	\$12,743							\$	12,743	\$	2,464	\$	10,279
2/6/2019	18	502.976	502.98	\$27.30	\$13,731							\$	13,731	\$	2,566	\$	11,165
2/6/2019	19	500.898	500.9	\$25.23	\$12,638							\$	12,638	\$	2,372	\$	10,266
2/6/2019	20	487.784	487.78	\$23.77	\$11,595							\$	11,595	\$	2,234	\$	9,360
2/6/2019	21	468.975	468.98	\$22.70	\$10,646							\$	10,646	\$	2,134	\$	8,512
2/6/2019	22	443.406	443.41	\$20.42	\$9,054							\$	9,054	\$	1,919	\$	7,135
2/6/2019	23	412.844	412.84	\$19.45	\$8,030							\$	8,030	\$	1,828	\$	6,201
2/7/2019	0	387.285	387.29	\$18.94	\$7,335							\$	7,335	\$	1,780	\$	5,555
2/7/2019	1	378.61	378.61	\$18.83	\$7,129							\$	7,129	\$	1,770	\$	5,359
2/7/2019	2	370.817	370.82	\$18.79	\$6,968							\$	6,968	\$	1,766	\$	5,201
2/7/2019	3	368.834	368.83	\$18.81	\$6,938							\$	6,938	\$	1,768	\$	5,170
2/7/2019	4	375.755	375.76	\$18.82	\$7,072							\$	7,072	\$	1,769	\$	5,303
2/7/2019	5	400.295	400.3	\$19.90	\$7,966							\$	7,966	\$	1,871	\$	6,095
2/7/2019	6	442.402	442.4	\$24.02	\$10,626							\$	10,626	\$	2,258	\$	8,369
2/7/2019	7	474.989	474.99	\$25.47	\$10,697	55						\$	10,697	\$	2,394	\$	8,303



Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
							East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5			
2/7/2019	8	474.001	315	\$24.47	\$7,708	159							\$ 7,708	\$ 2,300	\$ 5,408
2/7/2019	9	476.788	258.79	\$24.01	\$6,214	218							\$ 6,214	\$ 2,257	\$ 3,957
2/7/2019	10	482.298	222.3	\$23.63	\$5,253	260							\$ 5,253	\$ 2,221	\$ 3,032
2/7/2019	11	487.303	228.3	\$23.62	\$5,392	259							\$ 5,392	\$ 2,220	\$ 3,172
2/7/2019	12	485.17	227.17	\$22.83	\$5,186	258							\$ 5,186	\$ 2,146	\$ 3,040
2/7/2019	13	483.029	224.03	\$22.39	\$5,016	259							\$ 5,016	\$ 2,105	\$ 2,911
2/7/2019	14	476.193	309.19	\$21.44	\$6,629	167							\$ 6,629	\$ 2,015	\$ 4,614
2/7/2019	15	477.175	323.18	\$21.13	\$6,829	154							\$ 6,829	\$ 1,986	\$ 4,843
2/7/2019	16	478.113	325.11	\$21.14	\$6,873	153							\$ 6,873	\$ 1,987	\$ 4,886
2/7/2019	17	482.019	322.02	\$23.01	\$7,410	153	7						\$ 7,410	\$ 2,163	\$ 5,247
2/7/2019	18	498.904	269.9	\$24.93	\$6,729	153	76						\$ 6,729	\$ 2,343	\$ 4,385
2/7/2019	19	493.173	297.17	\$23.09	\$6,862	171	25						\$ 6,862	\$ 2,170	\$ 4,691
2/7/2019	20	482.328	252.33	\$21.80	\$5,501	230							\$ 5,501	\$ 2,049	\$ 3,452
2/7/2019	21	465.722	182.72	\$20.11	\$3,674	283							\$ 3,674	\$ 1,890	\$ 1,784
2/7/2019	22	450.961	116.96	\$19.25	\$2,251	334							\$ 2,251	\$ 1,810	\$ 442
2/7/2019	23	431.494	67.49	\$18.38	\$1,240	364							\$ 1,240	\$ 1,240	\$ -
2/8/2019	0	414.778	49.78	\$18.47	\$919	365							\$ 919	\$ 919	\$ -
2/8/2019	1	414.914	51.91	\$18.30	\$950	363							\$ 950	\$ 950	\$ -
2/8/2019	2	418.837	41.84	\$18.07	\$756	377							\$ 756	\$ 756	\$ -
2/8/2019	3	427.596	0	\$0.00	\$0	430							\$ -	\$ -	\$ -
2/8/2019	4	446.132	0	\$0.00	\$0	469							\$ -	\$ -	\$ -
2/8/2019	5	477.337	0	\$0.00	\$0	524							\$ -	\$ -	\$ -
2/8/2019	6	534.144	0	\$0.00	\$0	562							\$ -	\$ -	\$ -
2/8/2019	7	566.545	0	\$0.00	\$0	597							\$ -	\$ -	\$ -
2/8/2019	8	568.577	0	\$0.00	\$0	584							\$ -	\$ -	\$ -
2/8/2019	9	567.576	0	\$0.00	\$0	599							\$ -	\$ -	\$ -
2/8/2019	10	556.613	0	\$0.00	\$0	597							\$ -	\$ -	\$ -
2/8/2019	11	550.689	0	\$0.00	\$0	579							\$ -	\$ -	\$ -
2/8/2019	12	538.945	15.95	\$27.08	\$432	523							\$ 432	\$ 432	\$ -
2/8/2019	13	528.235	61.24	\$26.25	\$1,608	467							\$ 1,608	\$ 1,608	\$ -
2/8/2019	14	520.551	80.55	\$25.66	\$2,067	440							\$ 2,067	\$ 2,067	\$ -
2/8/2019	15	516.642	81.64	\$24.88	\$2,031	435							\$ 2,031	\$ 2,031	\$ -
2/8/2019	16	516.509	76.51	\$25.34	\$1,939	440							\$ 1,939	\$ 1,939	\$ -
2/8/2019	17	530.131	84.13	\$33.12	\$2,786	446							\$ 2,786	\$ 2,786	\$ -
2/8/2019	18	561.608	69.61	\$34.46	\$2,399	492							\$ 2,399	\$ 2,399	\$ -
2/8/2019	19	568.513	24.51	\$36.58	\$897	544							\$ 897	\$ 897	\$ -
2/8/2019	20	569.322			\$0	593							\$ -	\$ -	\$ -
2/8/2019	21	564.413			\$0	599							\$ -	\$ -	\$ -
2/8/2019	22	552.795			\$0	571							\$ -	\$ -	\$ -
2/8/2019	23	534.151	7.15	\$24.91	\$178	527							\$ 178	\$ 178	\$ -
2/9/2019	0	542.032	70.03	\$25.03	\$1,753	472							\$ 1,753	\$ 1,753	\$ -
2/9/2019	1	533.175	93.18	\$24.19	\$2,254	440							\$ 2,254	\$ 2,254	\$ -
2/9/2019	2	528.368	89.37	\$24.69	\$2,207	439							\$ 2,207	\$ 2,207	\$ -
2/9/2019	3	528.419	85.42	\$25.07	\$2,141	443							\$ 2,141	\$ 2,141	\$ -
2/9/2019	4	537.236	62.24	\$25.86	\$1,610	475							\$ 1,610	\$ 1,610	\$ -
2/9/2019	5	550.942	84.94	\$27.40	\$2,327	466							\$ 2,327	\$ 2,327	\$ -
2/9/2019	6	566.543	66.54	\$31.53	\$2,098	500							\$ 2,098	\$ 2,098	\$ -
2/9/2019	7	588.225	102.23	\$34.58	\$3,535	486							\$ 3,535	\$ 3,251	\$ 285
2/9/2019	8	590.969	58.97	\$34.62	\$2,042	532							\$ 2,042	\$ 2,042	\$ -
2/9/2019	9	582.055			\$0	583							\$ -	\$ -	\$ -
2/9/2019	10	572.018			\$0	597							\$ -	\$ -	\$ -
2/9/2019	11	555.413	0.41	\$27.40	\$11	555							\$ 11	\$ 11	\$ -
2/9/2019	12	541.061	79.06	\$25.06	\$1,981	462							\$ 1,981	\$ 1,981	\$ -
2/9/2019	13	525.524	84.52	\$24.06	\$2,034	441							\$ 2,034	\$ 2,034	\$ -
2/9/2019	14	509.768	69.77	\$23.97	\$1,672	440							\$ 1,672	\$ 1,672	\$ -
2/9/2019	15	498.877	60.88	\$24.09	\$1,467	438							\$ 1,467	\$ 1,467	\$ -

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
2/9/2019	16	498.035	58.04	\$24.25	\$1,407	440							\$ 1,407	\$ 1,407	\$ -
2/9/2019	17	514.598	61.6	\$30.06	\$1,852	453							\$ 1,852	\$ 1,852	\$ -
2/9/2019	18	544.816	16.82	\$33.47	\$563	528							\$ 563	\$ 563	\$ -
2/9/2019	19	554.489			\$0	578							\$ -	\$ -	\$ -
2/9/2019	20	553.336			\$0	592							\$ -	\$ -	\$ -
2/9/2019	21	545.496			\$0	549							\$ -	\$ -	\$ -
2/9/2019	22	530.953	45.95	\$29.19	\$1,341	485							\$ 1,341	\$ 1,341	\$ -
2/9/2019	23	514.399	75.4	\$25.74	\$1,941	439							\$ 1,941	\$ 1,941	\$ -
2/10/2019	0	503.49	33.49	\$26.04	\$872	470							\$ 872	\$ 872	\$ -
2/10/2019	1	497.673	52.67	\$25.59	\$1,348	445							\$ 1,348	\$ 1,348	\$ -
2/10/2019	2	493.741	54.74	\$24.69	\$1,352	439							\$ 1,352	\$ 1,352	\$ -
2/10/2019	3	494.858	51.86	\$25.12	\$1,303	443							\$ 1,303	\$ 1,303	\$ -
2/10/2019	4	499.598	50.6	\$25.62	\$1,296	449							\$ 1,296	\$ 1,296	\$ -
2/10/2019	5	505.462	63.46	\$26.82	\$1,702	442							\$ 1,702	\$ 1,702	\$ -
2/10/2019	6	511.923	41.92	\$27.88	\$1,169	470							\$ 1,169	\$ 1,169	\$ -
2/10/2019	7	523.676	74.68	\$31.95	\$2,386	449							\$ 2,386	\$ 2,386	\$ -
2/10/2019	8	530.598	88.6	\$31.33	\$2,776	442							\$ 2,776	\$ 2,776	\$ -
2/10/2019	9	539.659	99.66	\$32.12	\$3,201	440							\$ 3,201	\$ 3,019	\$ 182
2/10/2019	10	549.818	109.82	\$26.33	\$2,892	440							\$ 2,892	\$ 2,475	\$ 417
2/10/2019	11	548.037	109.04	\$24.13	\$2,631	439							\$ 2,631	\$ 2,268	\$ 363
2/10/2019	12	544.21	100.21	\$23.95	\$2,400	444							\$ 2,400	\$ 2,251	\$ 149
2/10/2019	13	540.295	99.3	\$23.94	\$2,377	441							\$ 2,377	\$ 2,250	\$ 127
2/10/2019	14	534.238	73.24	\$24.89	\$1,823	461							\$ 1,823	\$ 1,823	\$ -
2/10/2019	15	534.277	90.28	\$23.71	\$2,141	444							\$ 2,141	\$ 2,141	\$ -
2/10/2019	16	542.95	88.95	\$24.03	\$2,137	454							\$ 2,137	\$ 2,137	\$ -
2/10/2019	17	556.477	62.48	\$32.56	\$2,034	494							\$ 2,034	\$ 2,034	\$ -
2/10/2019	18	568.104	32.1	\$34.92	\$1,121	536							\$ 1,121	\$ 1,121	\$ -
2/10/2019	19	563.909			\$0	584							\$ -	\$ -	\$ -
2/10/2019	20	550.43			\$0	566							\$ -	\$ -	\$ -
2/10/2019	21	530.189	47.19	\$27.29	\$1,288	483							\$ 1,288	\$ 1,288	\$ -
2/10/2019	22	502.9	50.9	\$24.55	\$1,250	452							\$ 1,250	\$ 1,250	\$ -
2/10/2019	23	478.471	37.47	\$22.84	\$856	441							\$ 856	\$ 856	\$ -
2/11/2019	0	460.744	20.74	\$21.59	\$448	440							\$ 448	\$ 448	\$ -
2/11/2019	1	449.896	9.9	\$21.60	\$214	440							\$ 214	\$ 214	\$ -
2/11/2019	2	444.969	3.97	\$21.33	\$85	441							\$ 85	\$ 85	\$ -
2/11/2019	3	446.977	6.98	\$21.55	\$150	440							\$ 150	\$ 150	\$ -
2/11/2019	4	455.777	15.78	\$21.65	\$342	440							\$ 342	\$ 342	\$ -
2/11/2019	5	480.099	23.1	\$23.45	\$542	457							\$ 542	\$ 542	\$ -
2/11/2019	6	527.927			\$0	530							\$ -	\$ -	\$ -
2/11/2019	7	558.506	11.51	\$32.73	\$377	547							\$ 377	\$ 377	\$ -
2/11/2019	8	555.556	14.56	\$34.76	\$506	541							\$ 506	\$ 506	\$ -
2/11/2019	9	558.159	21.16	\$32.14	\$680	537							\$ 680	\$ 680	\$ -
2/11/2019	10	558.199	20.2	\$33.21	\$671	538							\$ 671	\$ 671	\$ -
2/11/2019	11	542.41	2.41	\$30.20	\$73	540							\$ 73	\$ 73	\$ -
2/11/2019	12	540.33	1.33	\$31.24	\$42	539							\$ 42	\$ 42	\$ -
2/11/2019	13	538.366			\$0	539							\$ -	\$ -	\$ -
2/11/2019	14	533.504			\$0	539							\$ -	\$ -	\$ -
2/11/2019	15	533.668			\$0	544							\$ -	\$ -	\$ -
2/11/2019	16	532.571			\$0	551							\$ -	\$ -	\$ -
2/11/2019	17	540.459	40.46	\$30.57	\$1,237	500							\$ 1,237	\$ 1,237	\$ -
2/11/2019	18	553.681	59.68	\$31.21	\$1,863	494							\$ 1,863	\$ 1,863	\$ -
2/11/2019	19	548.48			\$0	559							\$ -	\$ -	\$ -
2/11/2019	20	537.274			\$0	580							\$ -	\$ -	\$ -
2/11/2019	21	516.671	0	\$0.00	\$0	517							\$ -	\$ -	\$ -
2/11/2019	22	493.685	49.69	\$22.82	\$1,134	444							\$ 1,134	\$ 1,134	\$ -
2/11/2019	23	464.273	23.27	\$21.12	\$491	441							\$ 491	\$ 491	\$ -

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
2/12/2019	0	448.567	9.57	\$21.06	\$202	439							\$ 202	\$ 202	\$ -
2/12/2019	1	439.745			\$0	445							\$ -	\$ -	\$ -
2/12/2019	2	430			\$0	441							\$ -	\$ -	\$ -
2/12/2019	3	425.254			\$0	439							\$ -	\$ -	\$ -
2/12/2019	4	431.322			\$0	439							\$ -	\$ -	\$ -
2/12/2019	5	454.55	0.55	\$24.55	\$14	454							\$ 14	\$ 14	\$ -
2/12/2019	6	495.17	35.17	\$26.90	\$946	460							\$ 946	\$ 946	\$ -
2/12/2019	7	514.82			\$0	529							\$ -	\$ -	\$ -
2/12/2019	8	509.614			\$0	580							\$ -	\$ -	\$ -
2/12/2019	9	505.278			\$0	598							\$ -	\$ -	\$ -
2/12/2019	10	502.191			\$0	596							\$ -	\$ -	\$ -
2/12/2019	11	500.228			\$0	599							\$ -	\$ -	\$ -
2/12/2019	12	494.544			\$0	596							\$ -	\$ -	\$ -
2/12/2019	13	494.133	0	\$0.00	\$0	596							\$ -	\$ -	\$ -
2/12/2019	14	496.168	0	\$0.00	\$0	576							\$ -	\$ -	\$ -
2/12/2019	15	503.39	4.39	\$22.49	\$99	499							\$ 99	\$ 99	\$ -
2/12/2019	16	517.125	4.13	\$23.54	\$97	513							\$ 97	\$ 97	\$ -
2/12/2019	17	533.421			\$0	538							\$ -	\$ -	\$ -
2/12/2019	18	558.199	4.2	\$26.33	\$111	554							\$ 111	\$ 111	\$ -
2/12/2019	19	565.048			\$0	595							\$ -	\$ -	\$ -
2/12/2019	20	560.044	0	\$0.00	\$0	597							\$ -	\$ -	\$ -
2/12/2019	21	542.356	0	\$0.00	\$0	593							\$ -	\$ -	\$ -
2/12/2019	22	527.089	0	\$0.00	\$0	559							\$ -	\$ -	\$ -
2/12/2019	23	505.13	5.13	\$19.76	\$101	500							\$ 101	\$ 101	\$ -
2/13/2019	0	490.874	26.87	\$20.89	\$561	464							\$ 561	\$ 561	\$ -
2/13/2019	1	483.171	29.17	\$21.13	\$616	454							\$ 616	\$ 616	\$ -
2/13/2019	2	476.36	37.36	\$21.02	\$785	439							\$ 785	\$ 785	\$ -
2/13/2019	3	484.284	43.28	\$21.09	\$913	441							\$ 913	\$ 913	\$ -
2/13/2019	4	497.836	46.84	\$21.99	\$1,030	451							\$ 1,030	\$ 1,030	\$ -
2/13/2019	5	523.771	81.77	\$24.45	\$1,999	442							\$ 1,999	\$ 1,999	\$ -
2/13/2019	6	574.377	95.38	\$30.10	\$2,871	479							\$ 2,871	\$ 2,829	\$ 42
2/13/2019	7	601.948	68.95	\$31.31	\$2,159	533							\$ 2,159	\$ 2,159	\$ -
2/13/2019	8	596.17	12.17	\$30.39	\$370	584							\$ 370	\$ 370	\$ -
2/13/2019	9	585.349	27.35	\$26.60	\$728	558							\$ 728	\$ 728	\$ -
2/13/2019	10	574.728	52.73	\$25.80	\$1,360	522							\$ 1,360	\$ 1,360	\$ -
2/13/2019	11	561.172	4.17	\$24.85	\$104	557							\$ 104	\$ 104	\$ -
2/13/2019	12	548.488	41.49	\$24.46	\$1,015	507							\$ 1,015	\$ 1,015	\$ -
2/13/2019	13	536.788	46.79	\$24.28	\$1,136	490							\$ 1,136	\$ 1,136	\$ -
2/13/2019	14	524.121	78.12	\$24.13	\$1,885	446							\$ 1,885	\$ 1,885	\$ -
2/13/2019	15	528.305	87.31	\$23.87	\$2,084	441							\$ 2,084	\$ 2,084	\$ -
2/13/2019	16	531.448	87.45	\$24.17	\$2,114	444							\$ 2,114	\$ 2,114	\$ -
2/13/2019	17	537.256	94.26	\$27.65	\$2,606	443							\$ 2,606	\$ 2,599	\$ 7
2/13/2019	18	566.778	72.78	\$31.73	\$2,309	494							\$ 2,309	\$ 2,309	\$ -
2/13/2019	19	577.362	34.36	\$29.62	\$1,018	543							\$ 1,018	\$ 1,018	\$ -
2/13/2019	20	572.183			\$0	592							\$ -	\$ -	\$ -
2/13/2019	21	557.584			\$0	573							\$ -	\$ -	\$ -
2/13/2019	22	531.406	99.41	\$24.39	\$2,425	432							\$ 2,425	\$ 2,293	\$ 132
2/13/2019	23	502.194	219.19	\$21.99	\$4,820	283							\$ 4,820	\$ 2,067	\$ 2,753
2/14/2019	0	483.472	206.47	\$22.70	\$4,687	277							\$ 4,687	\$ 2,134	\$ 2,553
2/14/2019	1	471.51	200.51	\$22.52	\$4,515	271							\$ 4,515	\$ 2,117	\$ 2,399
2/14/2019	2	461.544	191.54	\$22.70	\$4,348	270							\$ 4,348	\$ 2,134	\$ 2,214
2/14/2019	3	458.523	190.52	\$22.70	\$4,325	268							\$ 4,325	\$ 2,134	\$ 2,191
2/14/2019	4	470.26	202.26	\$23.25	\$4,703	268							\$ 4,703	\$ 2,186	\$ 2,517
2/14/2019	5	491.537	221.54	\$25.60	\$5,671	270							\$ 5,671	\$ 2,406	\$ 3,265
2/14/2019	6	533.325	266.33	\$31.71	\$8,445	267							\$ 8,445	\$ 2,981	\$ 5,465
2/14/2019	7	555.105	285.11	\$33.11	\$9,440	270							\$ 9,440	\$ 3,112	\$ 6,328

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5			
2/14/2019	8	542.697	278.7	\$27.42	\$7,642	264						\$ 7,642	\$ 2,577	\$ 5,064
2/14/2019	9	539.054	279.05	\$25.27	\$7,052	260						\$ 7,052	\$ 2,375	\$ 4,676
2/14/2019	10	534.353	232.35	\$24.36	\$5,660	302						\$ 5,660	\$ 2,290	\$ 3,370
2/14/2019	11	525.399	131.4	\$23.49	\$3,087	394						\$ 3,087	\$ 2,208	\$ 879
2/14/2019	12	523.416	81.42	\$22.87	\$1,862	442						\$ 1,862	\$ 1,862	\$ -
2/14/2019	13	517.465	77.47	\$23.02	\$1,783	440						\$ 1,783	\$ 1,783	\$ -
2/14/2019	14	507.662	67.66	\$22.31	\$1,509	440						\$ 1,509	\$ 1,509	\$ -
2/14/2019	15	502.719	60.72	\$22.30	\$1,354	442						\$ 1,354	\$ 1,354	\$ -
2/14/2019	16	494.832	53.83	\$22.93	\$1,234	441						\$ 1,234	\$ 1,234	\$ -
2/14/2019	17	498.677	52.68	\$24.08	\$1,269	446						\$ 1,269	\$ 1,269	\$ -
2/14/2019	18	517.219	37.22	\$25.96	\$966	480						\$ 966	\$ 966	\$ -
2/14/2019	19	521.254	67.25	\$24.52	\$1,649	454						\$ 1,649	\$ 1,649	\$ -
2/14/2019	20	510.532	72.53	\$23.91	\$1,734	438						\$ 1,734	\$ 1,734	\$ -
2/14/2019	21	493.063	50.06	\$22.99	\$1,151	443						\$ 1,151	\$ 1,151	\$ -
2/14/2019	22	468.668	25.67	\$20.95	\$538	443						\$ 538	\$ 538	\$ -
2/14/2019	23	438.171	0	\$0.00	\$0	439						\$ -	\$ -	\$ -
2/15/2019	0	417.371			\$0	443						\$ -	\$ -	\$ -
2/15/2019	1	407.652			\$0	439						\$ -	\$ -	\$ -
2/15/2019	2	396.942			\$0	442						\$ -	\$ -	\$ -
2/15/2019	3	398.01			\$0	440						\$ -	\$ -	\$ -
2/15/2019	4	407.948			\$0	442						\$ -	\$ -	\$ -
2/15/2019	5	428.782	0	\$0.00	\$0	441						\$ -	\$ -	\$ -
2/15/2019	6	471.128	20.13	\$27.26	\$549	451						\$ 549	\$ 549	\$ -
2/15/2019	7	506.65			\$0	526						\$ -	\$ -	\$ -
2/15/2019	8	506.631			\$0	577						\$ -	\$ -	\$ -
2/15/2019	9	500.619			\$0	590						\$ -	\$ -	\$ -
2/15/2019	10	496.818			\$0	574						\$ -	\$ -	\$ -
2/15/2019	11	487.123			\$0	494						\$ -	\$ -	\$ -
2/15/2019	12	482.334	72.33	\$26.07	\$1,886	410						\$ 1,886	\$ 1,886	\$ -
2/15/2019	13	494.229	92.23	\$25.83	\$2,382	402						\$ 2,382	\$ 2,382	\$ -
2/15/2019	14	501.186	85.19	\$24.63	\$2,098	416						\$ 2,098	\$ 2,098	\$ -
2/15/2019	15	508.097	51.1	\$24.48	\$1,251	457						\$ 1,251	\$ 1,251	\$ -
2/15/2019	16	511.898			\$0	535						\$ -	\$ -	\$ -
2/15/2019	17	517.633			\$0	580						\$ -	\$ -	\$ -
2/15/2019	18	533.259			\$0	598						\$ -	\$ -	\$ -
2/15/2019	19	531.143			\$0	598						\$ -	\$ -	\$ -
2/15/2019	20	525.174			\$0	597						\$ -	\$ -	\$ -
2/15/2019	21	513.526			\$0	568						\$ -	\$ -	\$ -
2/15/2019	22	498.098	24.1	\$24.71	\$596	474						\$ 596	\$ 596	\$ -
2/15/2019	23	480.375	41.38	\$23.73	\$982	439						\$ 982	\$ 982	\$ -
2/16/2019	0	464.412	27.41	\$21.85	\$599	437						\$ 599	\$ 599	\$ -
2/16/2019	1	458.603	20.6	\$21.85	\$450	438						\$ 450	\$ 450	\$ -
2/16/2019	2	452.879	9.88	\$21.20	\$209	443						\$ 209	\$ 209	\$ -
2/16/2019	3	452.828	13.83	\$21.23	\$294	439						\$ 294	\$ 294	\$ -
2/16/2019	4	458.753	21.75	\$21.29	\$463	437						\$ 463	\$ 463	\$ -
2/16/2019	5	473.555	31.56	\$23.28	\$735	442						\$ 735	\$ 735	\$ -
2/16/2019	6	489.15	41.15	\$25.27	\$1,040	448						\$ 1,040	\$ 1,040	\$ -
2/16/2019	7	506.827			\$0	518						\$ -	\$ -	\$ -
2/16/2019	8	522.239			\$0	574						\$ -	\$ -	\$ -
2/16/2019	9	527.705			\$0	597						\$ -	\$ -	\$ -
2/16/2019	10	515.53			\$0	595						\$ -	\$ -	\$ -
2/16/2019	11	499.84			\$0	596						\$ -	\$ -	\$ -
2/16/2019	12	487.134			\$0	576						\$ -	\$ -	\$ -
2/16/2019	13	473.554			\$0	520						\$ -	\$ -	\$ -
2/16/2019	14	464.085			\$0	472						\$ -	\$ -	\$ -
2/16/2019	15	459.333	19.33	\$23.64	\$457	440						\$ 457	\$ 457	\$ -

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)				
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6			
2/16/2019	16	461.139	22.14	\$23.73	\$525	439							\$	525	\$	525	\$	-
2/16/2019	17	477.737	22.74	\$25.63	\$583	455							\$	583	\$	583	\$	-
2/16/2019	18	506.839			\$0	532							\$	-	\$	-	\$	-
2/16/2019	19	519.243			\$0	567							\$	-	\$	-	\$	-
2/16/2019	20	519.137			\$0	562							\$	-	\$	-	\$	-
2/16/2019	21	511.423	19.42	\$25.75	\$500	492							\$	500	\$	500	\$	-
2/16/2019	22	493.836	50.84	\$24.68	\$1,255	443							\$	1,255	\$	1,255	\$	-
2/16/2019	23	478.21	38.21	\$23.84	\$911	440							\$	911	\$	911	\$	-
2/17/2019	0	465.472	25.47	\$22.97	\$585	440							\$	585	\$	585	\$	-
2/17/2019	1	455.539	15.54	\$22.43	\$349	440							\$	349	\$	349	\$	-
2/17/2019	2	452.802	13.8	\$22.05	\$304	439							\$	304	\$	304	\$	-
2/17/2019	3	448.845	9.85	\$21.91	\$216	439							\$	216	\$	216	\$	-
2/17/2019	4	452.54	12.54	\$22.38	\$281	440							\$	281	\$	281	\$	-
2/17/2019	5	458.439	18.44	\$22.48	\$415	440							\$	415	\$	415	\$	-
2/17/2019	6	469.307	28.31	\$23.73	\$672	441							\$	672	\$	672	\$	-
2/17/2019	7	479.141	40.14	\$25.17	\$1,010	439							\$	1,010	\$	1,010	\$	-
2/17/2019	8	487.834	47.83	\$25.21	\$1,206	440							\$	1,206	\$	1,206	\$	-
2/17/2019	9	501.742	61.74	\$25.64	\$1,583	440							\$	1,583	\$	1,583	\$	-
2/17/2019	10	509.707	69.71	\$25.24	\$1,759	440							\$	1,759	\$	1,759	\$	-
2/17/2019	11	515.767	65.77	\$24.52	\$1,613	450							\$	1,613	\$	1,613	\$	-
2/17/2019	12	514.807	0	\$0.00	\$0	520							\$	-	\$	-	\$	-
2/17/2019	13	511.881	0	\$0.00	\$0	538							\$	-	\$	-	\$	-
2/17/2019	14	509.138	59.14	\$22.89	\$1,354	450							\$	1,354	\$	1,354	\$	-
2/17/2019	15	512.163	68.16	\$23.94	\$1,632	444							\$	1,632	\$	1,632	\$	-
2/17/2019	16	516.701	20.7	\$24.18	\$501	496							\$	501	\$	501	\$	-
2/17/2019	17	524.303			\$0	565							\$	-	\$	-	\$	-
2/17/2019	18	534.004			\$0	599							\$	-	\$	-	\$	-
2/17/2019	19	535.219			\$0	597							\$	-	\$	-	\$	-
2/17/2019	20	527.416			\$0	592							\$	-	\$	-	\$	-
2/17/2019	21	512.752			\$0	582							\$	-	\$	-	\$	-
2/17/2019	22	488.346			\$0	518							\$	-	\$	-	\$	-
2/17/2019	23	465.623	0	\$0.00	\$0	523							\$	-	\$	-	\$	-
2/18/2019	0	453.837			\$0	508							\$	-	\$	-	\$	-
2/18/2019	1	443.657			\$0	498							\$	-	\$	-	\$	-
2/18/2019	2	439.648			\$0	522							\$	-	\$	-	\$	-
2/18/2019	3	441.778			\$0	463							\$	-	\$	-	\$	-
2/18/2019	4	454.636	0	\$0.00	\$0	472							\$	-	\$	-	\$	-
2/18/2019	5	476.103			\$0	493							\$	-	\$	-	\$	-
2/18/2019	6	512.313			\$0	552							\$	-	\$	-	\$	-
2/18/2019	7	543.389			\$0	593							\$	-	\$	-	\$	-
2/18/2019	8	552.131			\$0	598							\$	-	\$	-	\$	-
2/18/2019	9	565.859			\$0	600							\$	-	\$	-	\$	-
2/18/2019	10	576.663			\$0	599							\$	-	\$	-	\$	-
2/18/2019	11	565.982			\$0	597							\$	-	\$	-	\$	-
2/18/2019	12	553.18			\$0	599							\$	-	\$	-	\$	-
2/18/2019	13	556.081			\$0	598							\$	-	\$	-	\$	-
2/18/2019	14	559.956			\$0	596							\$	-	\$	-	\$	-
2/18/2019	15	558.255			\$0	601							\$	-	\$	-	\$	-
2/18/2019	16	565.97			\$0	597							\$	-	\$	-	\$	-
2/18/2019	17	577.769			\$0	587							\$	-	\$	-	\$	-
2/18/2019	18	589.601			\$0	600							\$	-	\$	-	\$	-
2/18/2019	19	587.822			\$0	599							\$	-	\$	-	\$	-
2/18/2019	20	577.005			\$0	596							\$	-	\$	-	\$	-
2/18/2019	21	558.401			\$0	602							\$	-	\$	-	\$	-
2/18/2019	22	533.856			\$0	596							\$	-	\$	-	\$	-
2/18/2019	23	510.257			\$0	587							\$	-	\$	-	\$	-

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)			
2/19/2019	0		500.38		\$0	592							\$	-	\$	-	\$	-
2/19/2019	1		494.378		\$0	598							\$	-	\$	-	\$	-
2/19/2019	2		492.376		\$0	596							\$	-	\$	-	\$	-
2/19/2019	3		496.328		\$0	601							\$	-	\$	-	\$	-
2/19/2019	4		513.931		\$0	596							\$	-	\$	-	\$	-
2/19/2019	5		544.263		\$0	601							\$	-	\$	-	\$	-
2/19/2019	6		593.3		\$0	598							\$	-	\$	-	\$	-
2/19/2019	7		617.031	0	\$0.00	600				65			\$	-	\$	-	\$	-
2/19/2019	8		594.593		\$0	591				85			\$	-	\$	-	\$	-
2/19/2019	9		577.854		\$0	605				84			\$	-	\$	-	\$	-
2/19/2019	10		567.013		\$0	602				84			\$	-	\$	-	\$	-
2/19/2019	11		547.282		\$0	600				71			\$	-	\$	-	\$	-
2/19/2019	12		540.611		\$0	599				58			\$	-	\$	-	\$	-
2/19/2019	13		537.82		\$0	598				58			\$	-	\$	-	\$	-
2/19/2019	14		530.884		\$0	599				40			\$	-	\$	-	\$	-
2/19/2019	15		532.729		\$0	598				29			\$	-	\$	-	\$	-
2/19/2019	16		542.489		\$0	598				31			\$	-	\$	-	\$	-
2/19/2019	17		554.037		\$0	600				12			\$	-	\$	-	\$	-
2/19/2019	18		576.407		\$0	598				5			\$	-	\$	-	\$	-
2/19/2019	19		579.288		\$0	598				4			\$	-	\$	-	\$	-
2/19/2019	20		569.264		\$0	598							\$	-	\$	-	\$	-
2/19/2019	21		547.647		\$0	602							\$	-	\$	-	\$	-
2/19/2019	22		520.259		\$0	596							\$	-	\$	-	\$	-
2/19/2019	23		492.646		\$0	592							\$	-	\$	-	\$	-
2/20/2019	0		478.033		\$0	525							\$	-	\$	-	\$	-
2/20/2019	1		472.178		\$0	492							\$	-	\$	-	\$	-
2/20/2019	2		470.123		\$0	476							\$	-	\$	-	\$	-
2/20/2019	3		472.174	28.17	\$23.88	\$673	444						\$	673	\$	673	\$	-
2/20/2019	4		481.867	39.87	\$24.17	\$964	442						\$	964	\$	964	\$	-
2/20/2019	5		506.412	62.41	\$25.44	\$1,588	444						\$	1,588	\$	1,588	\$	-
2/20/2019	6		546.283	78.28	\$29.53	\$2,312	468						\$	2,312	\$	2,312	\$	-
2/20/2019	7		576.786	75.79	\$29.94	\$2,269	501						\$	2,269	\$	2,269	\$	-
2/20/2019	8		571.888	19.89	\$29.35	\$584	552						\$	584	\$	584	\$	-
2/20/2019	9		563.827		\$0	585							\$	-	\$	-	\$	-
2/20/2019	10		558.959		\$0	601							\$	-	\$	-	\$	-
2/20/2019	11		548.101		\$0	599							\$	-	\$	-	\$	-
2/20/2019	12		544.131		\$0	598							\$	-	\$	-	\$	-
2/20/2019	13		541.364		\$0	599							\$	-	\$	-	\$	-
2/20/2019	14		537.635		\$0	599							\$	-	\$	-	\$	-
2/20/2019	15		530.809		\$0	598							\$	-	\$	-	\$	-
2/20/2019	16		531.631		\$0	598							\$	-	\$	-	\$	-
2/20/2019	17		529.478		\$0	593							\$	-	\$	-	\$	-
2/20/2019	18		538.346		\$0	598							\$	-	\$	-	\$	-
2/20/2019	19		534.322		\$0	600							\$	-	\$	-	\$	-
2/20/2019	20		520.608		\$0	599							\$	-	\$	-	\$	-
2/20/2019	21		498.301		\$0	575							\$	-	\$	-	\$	-
2/20/2019	22		474.191		\$0	524							\$	-	\$	-	\$	-
2/20/2019	23		447.983	0	\$0.00	\$0	460						\$	-	\$	-	\$	-
2/21/2019	0		434.295	0	\$0.00	\$0	444						\$	-	\$	-	\$	-
2/21/2019	1		426.612		\$0	440							\$	-	\$	-	\$	-
2/21/2019	2		421.85		\$0	453							\$	-	\$	-	\$	-
2/21/2019	3		426.728		\$0	508							\$	-	\$	-	\$	-
2/21/2019	4		440.455	0	\$0.00	\$0	509						\$	-	\$	-	\$	-
2/21/2019	5		471.959	0	\$0.00	\$0	545						\$	-	\$	-	\$	-
2/21/2019	6		522.874		\$0	597							\$	-	\$	-	\$	-
2/21/2019	7		547.526		\$0	595							\$	-	\$	-	\$	-

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
2/21/2019	8	535.775			\$0	602							\$ -	\$ -	\$ -
2/21/2019	9	520.124			\$0	596							\$ -	\$ -	\$ -
2/21/2019	10	509.637			\$0	547							\$ -	\$ -	\$ -
2/21/2019	11	497.075			\$0	508							\$ -	\$ -	\$ -
2/21/2019	12	486.504	39.5	\$24.78	\$979	447							\$ 979	\$ 979	\$ -
2/21/2019	13	481.632	42.63	\$24.33	\$1,037	439							\$ 1,037	\$ 1,037	\$ -
2/21/2019	14	479.802	35.8	\$23.68	\$848	444							\$ 848	\$ 848	\$ -
2/21/2019	15	483.905	42.91	\$23.86	\$1,024	441							\$ 1,024	\$ 1,024	\$ -
2/21/2019	16	479.824	32.82	\$23.99	\$787	447							\$ 787	\$ 787	\$ -
2/21/2019	17	495.31	47.31	\$26.58	\$1,257	448							\$ 1,257	\$ 1,257	\$ -
2/21/2019	18	515.688	14.69	\$31.09	\$457	501							\$ 457	\$ 457	\$ -
2/21/2019	19	523.492			\$0	574							\$ -	\$ -	\$ -
2/21/2019	20	519.408			\$0	600							\$ -	\$ -	\$ -
2/21/2019	21	505.615			\$0	597							\$ -	\$ -	\$ -
2/21/2019	22	480.307			\$0	568							\$ -	\$ -	\$ -
2/21/2019	23	456.016			\$0	520							\$ -	\$ -	\$ -
2/22/2019	0	439.47	0	\$0.00	\$0	448							\$ -	\$ -	\$ -
2/22/2019	1	430.68			\$0	443							\$ -	\$ -	\$ -
2/22/2019	2	423.741			\$0	441							\$ -	\$ -	\$ -
2/22/2019	3	424.67			\$0	440							\$ -	\$ -	\$ -
2/22/2019	4	435.364	0	\$0.00	\$0	442							\$ -	\$ -	\$ -
2/22/2019	5	460.709	13.71	\$25.22	\$346	447							\$ 346	\$ 346	\$ -
2/22/2019	6	504.651	19.65	\$31.56	\$620	485							\$ 620	\$ 620	\$ -
2/22/2019	7	533.965			\$0	561							\$ -	\$ -	\$ -
2/22/2019	8	530.719			\$0	597							\$ -	\$ -	\$ -
2/22/2019	9	527.716			\$0	593							\$ -	\$ -	\$ -
2/22/2019	10	527.614			\$0	603							\$ -	\$ -	\$ -
2/22/2019	11	520.772			\$0	596							\$ -	\$ -	\$ -
2/22/2019	12	513.03			\$0	594							\$ -	\$ -	\$ -
2/22/2019	13	504.223			\$0	597							\$ -	\$ -	\$ -
2/22/2019	14	499.328			\$0	598							\$ -	\$ -	\$ -
2/22/2019	15	496.395			\$0	596							\$ -	\$ -	\$ -
2/22/2019	16	495.386			\$0	597							\$ -	\$ -	\$ -
2/22/2019	17	497.297			\$0	589							\$ -	\$ -	\$ -
2/22/2019	18	507.822			\$0	593							\$ -	\$ -	\$ -
2/22/2019	19	508.612			\$0	598							\$ -	\$ -	\$ -
2/22/2019	20	498.926			\$0	589							\$ -	\$ -	\$ -
2/22/2019	21	484.182			\$0	573							\$ -	\$ -	\$ -
2/22/2019	22	466.676			\$0	556							\$ -	\$ -	\$ -
2/22/2019	23	441.49			\$0	513							\$ -	\$ -	\$ -
2/23/2019	0	426.163			\$0	458							\$ -	\$ -	\$ -
2/23/2019	1	413.414			\$0	440							\$ -	\$ -	\$ -
2/23/2019	2	406.509			\$0	441							\$ -	\$ -	\$ -
2/23/2019	3	403.615			\$0	442							\$ -	\$ -	\$ -
2/23/2019	4	408.529			\$0	440							\$ -	\$ -	\$ -
2/23/2019	5	417.366			\$0	441							\$ -	\$ -	\$ -
2/23/2019	6	430.171			\$0	441							\$ -	\$ -	\$ -
2/23/2019	7	447.015	5.02	\$25.31	\$127	442							\$ 127	\$ 127	\$ -
2/23/2019	8	459.653			\$0	473							\$ -	\$ -	\$ -
2/23/2019	9	473.019			\$0	534							\$ -	\$ -	\$ -
2/23/2019	10	478.745			\$0	589							\$ -	\$ -	\$ -
2/23/2019	11	474.826			\$0	598							\$ -	\$ -	\$ -
2/23/2019	12	465.908			\$0	596							\$ -	\$ -	\$ -
2/23/2019	13	456.04			\$0	597							\$ -	\$ -	\$ -
2/23/2019	14	447.308			\$0	595							\$ -	\$ -	\$ -
2/23/2019	15	438.372			\$0	599							\$ -	\$ -	\$ -

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)			
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6		
2/23/2019	16	438.02			\$0	593						\$	-	\$	-	\$	-
2/23/2019	17	446.751			\$0	589						\$	-	\$	-	\$	-
2/23/2019	18	458.473			\$0	596						\$	-	\$	-	\$	-
2/23/2019	19	457.503			\$0	594						\$	-	\$	-	\$	-
2/23/2019	20	444.77			\$0	598						\$	-	\$	-	\$	-
2/23/2019	21	428.269			\$0	586						\$	-	\$	-	\$	-
2/23/2019	22	410.541			\$0	533						\$	-	\$	-	\$	-
2/23/2019	23	388.987			\$0	497						\$	-	\$	-	\$	-
2/24/2019	0	368.345			\$0	468						\$	-	\$	-	\$	-
2/24/2019	1	354.79			\$0	441						\$	-	\$	-	\$	-
2/24/2019	2	345.013			\$0	439						\$	-	\$	-	\$	-
2/24/2019	3	340.136			\$0	440						\$	-	\$	-	\$	-
2/24/2019	4	339.204			\$0	443						\$	-	\$	-	\$	-
2/24/2019	5	345.26			\$0	441						\$	-	\$	-	\$	-
2/24/2019	6	360.134			\$0	440						\$	-	\$	-	\$	-
2/24/2019	7	378.079			\$0	440						\$	-	\$	-	\$	-
2/24/2019	8	401.621			\$0	474						\$	-	\$	-	\$	-
2/24/2019	9	433.651			\$0	568						\$	-	\$	-	\$	-
2/24/2019	10	459.12			\$0	590						\$	-	\$	-	\$	-
2/24/2019	11	470.055			\$0	582						\$	-	\$	-	\$	-
2/24/2019	12	473.081			\$0	582						\$	-	\$	-	\$	-
2/24/2019	13	474.103			\$0	568						\$	-	\$	-	\$	-
2/24/2019	14	457.46			\$0	522						\$	-	\$	-	\$	-
2/24/2019	15	442.963			\$0	470						\$	-	\$	-	\$	-
2/24/2019	16	445.085	6.09	\$21.27	\$130	439						\$	130	\$	130	\$	-
2/24/2019	17	461.668	5.67	\$23.49	\$133	456						\$	133	\$	133	\$	-
2/24/2019	18	491.648			\$0	507						\$	-	\$	-	\$	-
2/24/2019	19	515.779			\$0	552						\$	-	\$	-	\$	-
2/24/2019	20	515.675			\$0	591						\$	-	\$	-	\$	-
2/24/2019	21	508.845			\$0	592						\$	-	\$	-	\$	-
2/24/2019	22	485.471			\$0	579						\$	-	\$	-	\$	-
2/24/2019	23	465.1	0	\$0.00	\$0	529						\$	-	\$	-	\$	-
2/25/2019	0	451.19			\$0	511						\$	-	\$	-	\$	-
2/25/2019	1	444.972			\$0	525						\$	-	\$	-	\$	-
2/25/2019	2	445.825			\$0	545						\$	-	\$	-	\$	-
2/25/2019	3	453.684			\$0	571						\$	-	\$	-	\$	-
2/25/2019	4	470.427	0	\$0.00	\$0	561						\$	-	\$	-	\$	-
2/25/2019	5	507.401			\$0	597						\$	-	\$	-	\$	-
2/25/2019	6	563.28			\$0	598						\$	-	\$	-	\$	-
2/25/2019	7	589.457			\$0	596						\$	-	\$	-	\$	-
2/25/2019	8	574.583			\$0	601						\$	-	\$	-	\$	-
2/25/2019	9	562.047			\$0	598						\$	-	\$	-	\$	-
2/25/2019	10	552.981			\$0	599						\$	-	\$	-	\$	-
2/25/2019	11	541.19			\$0	595						\$	-	\$	-	\$	-
2/25/2019	12	527.452			\$0	600						\$	-	\$	-	\$	-
2/25/2019	13	515.629			\$0	598						\$	-	\$	-	\$	-
2/25/2019	14	506.877			\$0	596						\$	-	\$	-	\$	-
2/25/2019	15	496.081			\$0	591						\$	-	\$	-	\$	-
2/25/2019	16	496.116			\$0	594						\$	-	\$	-	\$	-
2/25/2019	17	499.826			\$0	600						\$	-	\$	-	\$	-
2/25/2019	18	528.366			\$0	598						\$	-	\$	-	\$	-
2/25/2019	19	551.896			\$0	598						\$	-	\$	-	\$	-
2/25/2019	20	548.891			\$0	598						\$	-	\$	-	\$	-
2/25/2019	21	534.142			\$0	599						\$	-	\$	-	\$	-
2/25/2019	22	512.448			\$0	597						\$	-	\$	-	\$	-
2/25/2019	23	490.841			\$0	594						\$	-	\$	-	\$	-



Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)	
2/26/2019	0	477.219			\$0	557							\$	-	\$	-
2/26/2019	1	470.115			\$0	577							\$	-	\$	-
2/26/2019	2	466.074			\$0	561							\$	-	\$	-
2/26/2019	3	469.08			\$0	481							\$	-	\$	-
2/26/2019	4	479.614	10.61	\$27.63	\$293	469							\$	293	\$	293
2/26/2019	5	510.84	23.84	\$35.73	\$852	487							\$	852	\$	852
2/26/2019	6	560.901			\$0	565							\$	-	\$	-
2/26/2019	7	576.094	0	\$0.00	\$0	597							\$	-	\$	-
2/26/2019	8	561.416			\$0	597							\$	-	\$	-
2/26/2019	9	537.684			\$0	598							\$	-	\$	-
2/26/2019	10	523.888			\$0	588							\$	-	\$	-
2/26/2019	11	499.606			\$0	530							\$	-	\$	-
2/26/2019	12	483.987	3.99	\$29.65	\$118	480							\$	118	\$	118
2/26/2019	13	475.13			\$0	482							\$	-	\$	-
2/26/2019	14	466.509			\$0	468							\$	-	\$	-
2/26/2019	15	460.841	19.84	\$26.94	\$534	441							\$	534	\$	534
2/26/2019	16	464.738	22.74	\$27.14	\$617	442							\$	617	\$	617
2/26/2019	17	470.38	11.38	\$30.18	\$343	459							\$	343	\$	343
2/26/2019	18	494.418			\$0	543							\$	-	\$	-
2/26/2019	19	518.748			\$0	597							\$	-	\$	-
2/26/2019	20	517.896			\$0	598							\$	-	\$	-
2/26/2019	21	506.072			\$0	593							\$	-	\$	-
2/26/2019	22	489.353			\$0	599							\$	-	\$	-
2/26/2019	23	467.904			\$0	551							\$	-	\$	-
2/27/2019	0	454.173			\$0	578							\$	-	\$	-
2/27/2019	1	447.315			\$0	590							\$	-	\$	-
2/27/2019	2	444.384			\$0	596							\$	-	\$	-
2/27/2019	3	447.493			\$0	596							\$	-	\$	-
2/27/2019	4	459.388			\$0	596							\$	-	\$	-
2/27/2019	5	487.821			\$0	597							\$	-	\$	-
2/27/2019	6	533.722			\$0	597							\$	-	\$	-
2/27/2019	7	552.592			\$0	601							\$	-	\$	-
2/27/2019	8	534.63			\$0	597							\$	-	\$	-
2/27/2019	9	512.683			\$0	597							\$	-	\$	-
2/27/2019	10	494.974			\$0	596							\$	-	\$	-
2/27/2019	11	482.294			\$0	591							\$	-	\$	-
2/27/2019	12	474.235			\$0	593							\$	-	\$	-
2/27/2019	13	467.431			\$0	572							\$	-	\$	-
2/27/2019	14	461.677			\$0	534							\$	-	\$	-
2/27/2019	15	462.624			\$0	573							\$	-	\$	-
2/27/2019	16	464.552			\$0	595							\$	-	\$	-
2/27/2019	17	472.269			\$0	594							\$	-	\$	-
2/27/2019	18	489.948			\$0	595							\$	-	\$	-
2/27/2019	19	497.276			\$0	597							\$	-	\$	-
2/27/2019	20	493.544			\$0	598							\$	-	\$	-
2/27/2019	21	484.672			\$0	597							\$	-	\$	-
2/27/2019	22	465.908			\$0	597							\$	-	\$	-
2/27/2019	23	446.559	45.56	\$24.85	\$1,132	401							\$	1,132	\$	1,132
2/28/2019	0	432.188	175.19	\$24.45	\$4,283	257							\$	4,283	\$	2,298
2/28/2019	1	428.298	159.3	\$24.50	\$3,903	269							\$	3,903	\$	2,303
2/28/2019	2	424.365	157.37	\$24.22	\$3,812	267							\$	3,812	\$	2,277
2/28/2019	3	425.359	141.36	\$24.58	\$3,475	284							\$	3,475	\$	2,311
2/28/2019	4	437.754	0	\$0.00	\$0	488							\$	-	\$	-
2/28/2019	5	465.95			\$0	570							\$	-	\$	-
2/28/2019	6	512.788			\$0	595							\$	-	\$	-
2/28/2019	7	541.418			\$0	597							\$	-	\$	-

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)				
					East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6			
2/28/2019	8	542.664		\$0	599							\$	-	\$	-	\$	-
2/28/2019	9	540.825		\$0	599							\$	-	\$	-	\$	-
2/28/2019	10	540.073		\$0	596							\$	-	\$	-	\$	-
2/28/2019	11	533.298		\$0	598							\$	-	\$	-	\$	-
2/28/2019	12	527.494		\$0	599							\$	-	\$	-	\$	-
2/28/2019	13	536.308		\$0	595							\$	-	\$	-	\$	-
2/28/2019	14	535.371		\$0	599							\$	-	\$	-	\$	-
2/28/2019	15	536.227		\$0	597							\$	-	\$	-	\$	-
2/28/2019	16	539.866		\$0	598							\$	-	\$	-	\$	-
2/28/2019	17	551.433		\$0	599							\$	-	\$	-	\$	-
2/28/2019	18	566.16		\$0	598							\$	-	\$	-	\$	-
2/28/2019	19	574.99		\$0	598							\$	-	\$	-	\$	-
2/28/2019	20	572.061		\$0	598							\$	-	\$	-	\$	-
2/28/2019	21	553.617		\$0	595							\$	-	\$	-	\$	-
2/28/2019	22	525.228		\$0	589							\$	-	\$	-	\$	-
2/28/2019	23	498.02		\$0	586							\$	-	\$	-	\$	-
3/1/2019	0	478.621		\$0	541							\$	-	\$	-	\$	-
3/1/2019	1	469.711		\$0	582							\$	-	\$	-	\$	-
3/1/2019	2	461.653		\$0	577							\$	-	\$	-	\$	-
3/1/2019	3	461.644		\$0	599							\$	-	\$	-	\$	-
3/1/2019	4	470.44		\$0	598							\$	-	\$	-	\$	-
3/1/2019	5	495.991		\$0	599							\$	-	\$	-	\$	-
3/1/2019	6	538.062		\$0	598							\$	-	\$	-	\$	-
3/1/2019	7	561.854		\$0	599							\$	-	\$	-	\$	-
3/1/2019	8	557.807		\$0	597							\$	-	\$	-	\$	-
3/1/2019	9	556.783		\$0	599							\$	-	\$	-	\$	-
3/1/2019	10	556.806		\$0	597							\$	-	\$	-	\$	-
3/1/2019	11	545.822		\$0	600							\$	-	\$	-	\$	-
3/1/2019	12	531.638		\$0	599							\$	-	\$	-	\$	-
3/1/2019	13	518.57		\$0	599							\$	-	\$	-	\$	-
3/1/2019	14	511.868		\$0	598							\$	-	\$	-	\$	-
3/1/2019	15	501.918		\$0	595							\$	-	\$	-	\$	-
3/1/2019	16	505.914		\$0	600							\$	-	\$	-	\$	-
3/1/2019	17	509.843		\$0	600							\$	-	\$	-	\$	-
3/1/2019	18	515.643		\$0	598							\$	-	\$	-	\$	-
3/1/2019	19	517.702		\$0	598							\$	-	\$	-	\$	-
3/1/2019	20	508.798		\$0	597							\$	-	\$	-	\$	-
3/1/2019	21	495.067		\$0	599							\$	-	\$	-	\$	-
3/1/2019	22	474.488		\$0	599							\$	-	\$	-	\$	-
3/1/2019	23	449.657		\$0	569							\$	-	\$	-	\$	-
3/2/2019	0	430.707		\$0	598							\$	-	\$	-	\$	-
3/2/2019	1	419.876		\$0	596							\$	-	\$	-	\$	-
3/2/2019	2	413.124		\$0	587							\$	-	\$	-	\$	-
3/2/2019	3	408.268		\$0	586							\$	-	\$	-	\$	-
3/2/2019	4	408.168		\$0	585							\$	-	\$	-	\$	-
3/2/2019	5	419.957		\$0	588							\$	-	\$	-	\$	-
3/2/2019	6	438.551		\$0	585							\$	-	\$	-	\$	-
3/2/2019	7	455.884		\$0	588							\$	-	\$	-	\$	-
3/2/2019	8	471.361		\$0	595							\$	-	\$	-	\$	-
3/2/2019	9	484.954		\$0	596							\$	-	\$	-	\$	-
3/2/2019	10	494.011		\$0	602							\$	-	\$	-	\$	-
3/2/2019	11	486.452		\$0	600							\$	-	\$	-	\$	-
3/2/2019	12	478.653		\$0	597							\$	-	\$	-	\$	-
3/2/2019	13	477.759		\$0	598							\$	-	\$	-	\$	-
3/2/2019	14	472.182		\$0	586							\$	-	\$	-	\$	-
3/2/2019	15	470.202		\$0	594							\$	-	\$	-	\$	-

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)			
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6		
3/2/2019	16	470.231			\$0	592						\$	-	\$	-	\$	-
3/2/2019	17	471.112			\$0	589						\$	-	\$	-	\$	-
3/2/2019	18	482.896			\$0	581						\$	-	\$	-	\$	-
3/2/2019	19	485.923			\$0	597						\$	-	\$	-	\$	-
3/2/2019	20	480.04			\$0	599						\$	-	\$	-	\$	-
3/2/2019	21	469.381			\$0	576						\$	-	\$	-	\$	-
3/2/2019	22	453.599			\$0	572						\$	-	\$	-	\$	-
3/2/2019	23	437.179			\$0	543						\$	-	\$	-	\$	-
3/3/2019	0	423.594			\$0	503						\$	-	\$	-	\$	-
3/3/2019	1	414.861			\$0	457						\$	-	\$	-	\$	-
3/3/2019	2	411.894			\$0	447						\$	-	\$	-	\$	-
3/3/2019	3	411.109			\$0	440						\$	-	\$	-	\$	-
3/3/2019	4	416.984			\$0	441						\$	-	\$	-	\$	-
3/3/2019	5	422.78			\$0	438						\$	-	\$	-	\$	-
3/3/2019	6	435.559			\$0	440						\$	-	\$	-	\$	-
3/3/2019	7	449.311	11.31	\$25.91	\$293	438						\$	293	\$	293	\$	-
3/3/2019	8	463.89	22.89	\$27.03	\$619	441						\$	619	\$	619	\$	-
3/3/2019	9	480.434	39.43	\$28.55	\$1,126	441						\$	1,126	\$	1,126	\$	-
3/3/2019	10	497.213	57.21	\$27.78	\$1,589	440						\$	1,589	\$	1,589	\$	-
3/3/2019	11	508.828	33.83	\$27.31	\$924	475						\$	924	\$	924	\$	-
3/3/2019	12	514.557			\$0	530						\$	-	\$	-	\$	-
3/3/2019	13	516.253			\$0	581						\$	-	\$	-	\$	-
3/3/2019	14	521.935			\$0	598						\$	-	\$	-	\$	-
3/3/2019	15	522.732			\$0	599						\$	-	\$	-	\$	-
3/3/2019	16	529.598			\$0	600						\$	-	\$	-	\$	-
3/3/2019	17	541.399			\$0	599						\$	-	\$	-	\$	-
3/3/2019	18	555.824			\$0	596						\$	-	\$	-	\$	-
3/3/2019	19	567.662			\$0	597						\$	-	\$	-	\$	-
3/3/2019	20	562.658			\$0	602						\$	-	\$	-	\$	-
3/3/2019	21	544.387			\$0	597						\$	-	\$	-	\$	-
3/3/2019	22	519.072			\$0	597						\$	-	\$	-	\$	-
3/3/2019	23	496.645			\$0	598						\$	-	\$	-	\$	-
3/4/2019	0	479.8			\$0	600						\$	-	\$	-	\$	-
3/4/2019	1	477.845			\$0	597						\$	-	\$	-	\$	-
3/4/2019	2	480.998			\$0	586						\$	-	\$	-	\$	-
3/4/2019	3	487.883			\$0	599						\$	-	\$	-	\$	-
3/4/2019	4	504.604			\$0	598						\$	-	\$	-	\$	-
3/4/2019	5	536.925			\$0	599						\$	-	\$	-	\$	-
3/4/2019	6	590.222			\$0	598						\$	-	\$	-	\$	-
3/4/2019	7	615.99	0	\$0.00	\$0	596		9	10	15	22	\$	-	\$	-	\$	-
3/4/2019	8	612.192	0	\$0.00	\$0	601		49	50	50	51	\$	-	\$	-	\$	-
3/4/2019	9	613.896			\$0	598		72	72	72	73	\$	-	\$	-	\$	-
3/4/2019	10	617.658			\$0	599		8	14	81	15	\$	-	\$	-	\$	-
3/4/2019	11	602.703			\$0	599				33		\$	-	\$	-	\$	-
3/4/2019	12	595.89			\$0	598						\$	-	\$	-	\$	-
3/4/2019	13	586.89			\$0	598						\$	-	\$	-	\$	-
3/4/2019	14	580.907			\$0	598						\$	-	\$	-	\$	-
3/4/2019	15	570.153			\$0	600						\$	-	\$	-	\$	-
3/4/2019	16	571.943			\$0	598						\$	-	\$	-	\$	-
3/4/2019	17	578.755			\$0	598						\$	-	\$	-	\$	-
3/4/2019	18	610.196	10.2	\$48.26	\$492	600						\$	492	\$	492	\$	-
3/4/2019	19	639.742	40.74	\$48.37	\$1,971	599						\$	1,971	\$	1,971	\$	-
3/4/2019	20	640.718	43.72	\$47.27	\$2,067	597						\$	2,067	\$	2,067	\$	-
3/4/2019	21	625.03	24.03	\$43.92	\$1,055	601						\$	1,055	\$	1,055	\$	-
3/4/2019	22	606.199	7.2	\$35.08	\$253	599						\$	253	\$	253	\$	-
3/4/2019	23	585.44			\$0	597						\$	-	\$	-	\$	-

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)	
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6
3/5/2019	0	576.511	9.51	\$33.17	\$315	567							\$ 315	\$ 315	\$ -
3/5/2019	1	574.436			\$0	576							\$ -	\$ -	\$ -
3/5/2019	2	572.372			\$0	597							\$ -	\$ -	\$ -
3/5/2019	3	574.283			\$0	599							\$ -	\$ -	\$ -
3/5/2019	4	587.039			\$0	598							\$ -	\$ -	\$ -
3/5/2019	5	616.37	16.37	\$41.53	\$680	600							\$ 680	\$ 680	\$ -
3/5/2019	6	670.272	73.27	\$53.49	\$3,919	597							\$ 3,919	\$ 3,919	\$ -
3/5/2019	7	688.218	87.22	\$63.24	\$5,516	601							\$ 5,516	\$ 5,516	\$ -
3/5/2019	8	667.854	70.85	\$52.62	\$3,728	597							\$ 3,728	\$ 3,728	\$ -
3/5/2019	9	641.099	43.1	\$49.47	\$2,132	598							\$ 2,132	\$ 2,132	\$ -
3/5/2019	10	624.109	24.11	\$43.67	\$1,053	600							\$ 1,053	\$ 1,053	\$ -
3/5/2019	11	609.437	10.44	\$39.53	\$413	599							\$ 413	\$ 413	\$ -
3/5/2019	12	595.885			\$0	598							\$ -	\$ -	\$ -
3/5/2019	13	587.232			\$0	598							\$ -	\$ -	\$ -
3/5/2019	14	585.139			\$0	600							\$ -	\$ -	\$ -
3/5/2019	15	598.26	0.26	\$33.90	\$9	598							\$ 9	\$ 9	\$ -
3/5/2019	16	614.053	16.05	\$34.76	\$558	598							\$ 558	\$ 558	\$ -
3/5/2019	17	622.719	26.72	\$39.61	\$1,058	596							\$ 1,058	\$ 1,058	\$ -
3/5/2019	18	643.156	43.16	\$51.79	\$2,235	600							\$ 2,235	\$ 2,235	\$ -
3/5/2019	19	657.071	57.07	\$53.67	\$3,063	600							\$ 3,063	\$ 3,063	\$ -
3/5/2019	20	654.142	56.14	\$49.52	\$2,780	598							\$ 2,780	\$ 2,780	\$ -
3/5/2019	21	637.306	37.31	\$44.60	\$1,664	600							\$ 1,664	\$ 1,664	\$ -
3/5/2019	22	613.606	16.61	\$40.12	\$666	597							\$ 666	\$ 666	\$ -
3/5/2019	23	591.912			\$0	600							\$ -	\$ -	\$ -
3/6/2019	0	578.215			\$0	599							\$ -	\$ -	\$ -
3/6/2019	1	572.522			\$0	601							\$ -	\$ -	\$ -
3/6/2019	2	566.689			\$0	596							\$ -	\$ -	\$ -
3/6/2019	3	566.632			\$0	599							\$ -	\$ -	\$ -
3/6/2019	4	577.599			\$0	602							\$ -	\$ -	\$ -
3/6/2019	5	605.18	7.18	\$42.85	\$308	598							\$ 308	\$ 308	\$ -
3/6/2019	6	654.133	0	\$0.00	\$0	598			69	69	49	57	\$ -	\$ -	\$ -
3/6/2019	7	671.856	0	\$0.00	\$0	600			96	95	94	93	\$ -	\$ -	\$ -
3/6/2019	8	657.497	0	\$0.00	\$0	599			86	92	91	94	\$ -	\$ -	\$ -
3/6/2019	9	665.254	0	\$0.00	\$0	599			84	82	83	83	\$ -	\$ -	\$ -
3/6/2019	10	658.528	117.53	\$44.24	\$5,200	505			9	9	8	10	\$ 5,200	\$ 4,159	\$ 1,041
3/6/2019	11	640.886	111.89	\$38.63	\$4,322	529							\$ 4,322	\$ 3,631	\$ 691
3/6/2019	12	621.924	38.92	\$35.41	\$1,378	583							\$ 1,378	\$ 1,378	\$ -
3/6/2019	13	608.956	58.96	\$33.94	\$2,001	550							\$ 2,001	\$ 2,001	\$ -
3/6/2019	14	597.215	69.22	\$31.99	\$2,214	528							\$ 2,214	\$ 2,214	\$ -
3/6/2019	15	584.359	77.36	\$31.85	\$2,464	507							\$ 2,464	\$ 2,464	\$ -
3/6/2019	16	585.46	75.46	\$32.71	\$2,468	510							\$ 2,468	\$ 2,468	\$ -
3/6/2019	17	592.248	102.25	\$36.96	\$3,779	490							\$ 3,779	\$ 3,474	\$ 305
3/6/2019	18	621.676	138.68	\$48.24	\$6,690	483							\$ 6,690	\$ 4,535	\$ 2,155
3/6/2019	19	648.299	171.3	\$50.71	\$8,687	477							\$ 8,687	\$ 4,767	\$ 3,920
3/6/2019	20	644.288	170.29	\$47.90	\$8,157	474							\$ 8,157	\$ 4,503	\$ 3,654
3/6/2019	21	626.386	156.39	\$42.91	\$6,711	470							\$ 6,711	\$ 4,034	\$ 2,677
3/6/2019	22	596.611	92.61	\$44.32	\$4,104	504							\$ 4,104	\$ 4,104	\$ -
3/6/2019	23	565.66	50.66	\$33.62	\$1,703	515							\$ 1,703	\$ 1,703	\$ -
3/7/2019	0	547.603	73.6	\$30.43	\$2,240	474							\$ 2,240	\$ 2,240	\$ -
3/7/2019	1	537.275	66.28	\$31.15	\$2,065	471							\$ 2,065	\$ 2,065	\$ -
3/7/2019	2	533.207	1.21	\$30.66	\$37	532							\$ 37	\$ 37	\$ -
3/7/2019	3	533.933	0	\$0.00	\$0	594							\$ -	\$ -	\$ -
3/7/2019	4	546.722	0	\$0.00	\$0	598							\$ -	\$ -	\$ -
3/7/2019	5	575.549	0	\$0.00	\$0	599							\$ -	\$ -	\$ -
3/7/2019	6	620.839	21.84	\$51.90	\$1,133	599							\$ 1,133	\$ 1,133	\$ -
3/7/2019	7	640.909	42.91	\$55.72	\$2,391	598							\$ 2,391	\$ 2,391	\$ -

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
3/7/2019	8	633.236	33.24	\$43.30	\$1,439	600							\$ 1,439	\$ 1,439	\$ -
3/7/2019	9	615.455	15.46	\$38.48	\$595	600							\$ 595	\$ 595	\$ -
3/7/2019	10	604.711	5.71	\$34.54	\$197	599							\$ 197	\$ 197	\$ -
3/7/2019	11	585.127	0	\$0.00	\$0	598							\$ -	\$ -	\$ -
3/7/2019	12	561.479	0	\$0.00	\$0	598							\$ -	\$ -	\$ -
3/7/2019	13	551.641	0	\$0.00	\$0	598							\$ -	\$ -	\$ -
3/7/2019	14	555.731	0	\$0.00	\$0	599							\$ -	\$ -	\$ -
3/7/2019	15	558.745	0	\$0.00	\$0	598							\$ -	\$ -	\$ -
3/7/2019	16	564.532	0	\$0.00	\$0	596							\$ -	\$ -	\$ -
3/7/2019	17	574.263	0	\$0.00	\$0	600							\$ -	\$ -	\$ -
3/7/2019	18	590.841	0	\$0.00	\$0	600							\$ -	\$ -	\$ -
3/7/2019	19	604.591	7.59	\$45.64	\$346	597							\$ 346	\$ 346	\$ -
3/7/2019	20	601.504	1.5	\$37.24	\$56	600							\$ 56	\$ 56	\$ -
3/7/2019	21	585.897	0	\$0.00	\$0	598							\$ -	\$ -	\$ -
3/7/2019	22	558.198	0	\$0.00	\$0	598							\$ -	\$ -	\$ -
3/7/2019	23	529.745	0	\$0.00	\$0	599							\$ -	\$ -	\$ -
3/8/2019	0	510.095			\$0	592							\$ -	\$ -	\$ -
3/8/2019	1	497.287			\$0	596							\$ -	\$ -	\$ -
3/8/2019	2	489.397			\$0	600							\$ -	\$ -	\$ -
3/8/2019	3	491.354			\$0	599							\$ -	\$ -	\$ -
3/8/2019	4	503.15			\$0	596							\$ -	\$ -	\$ -
3/8/2019	5	526.706			\$0	600							\$ -	\$ -	\$ -
3/8/2019	6	566.953			\$0	597							\$ -	\$ -	\$ -
3/8/2019	7	591.815			\$0	599							\$ -	\$ -	\$ -
3/8/2019	8	596.593			\$0	599							\$ -	\$ -	\$ -
3/8/2019	9	600.952	3.95	\$39.57	\$156	597							\$ 156	\$ 156	\$ -
3/8/2019	10	602.037	3.04	\$39.47	\$120	599							\$ 120	\$ 120	\$ -
3/8/2019	11	596.291			\$0	597							\$ -	\$ -	\$ -
3/8/2019	12	588.373			\$0	599							\$ -	\$ -	\$ -
3/8/2019	13	577.559			\$0	600							\$ -	\$ -	\$ -
3/8/2019	14	567.836			\$0	599							\$ -	\$ -	\$ -
3/8/2019	15	562.753			\$0	598							\$ -	\$ -	\$ -
3/8/2019	16	556.62			\$0	599							\$ -	\$ -	\$ -
3/8/2019	17	557.803			\$0	565							\$ -	\$ -	\$ -
3/8/2019	18	566.533	6.53	\$39.60	\$259	560							\$ 259	\$ 259	\$ -
3/8/2019	19	571.519	8.52	\$37.16	\$317	563							\$ 317	\$ 317	\$ -
3/8/2019	20	549.874			\$0	561							\$ -	\$ -	\$ -
3/8/2019	21	514.793			\$0	590							\$ -	\$ -	\$ -
3/8/2019	22	494.22			\$0	586							\$ -	\$ -	\$ -
3/8/2019	23	470.719			\$0	585							\$ -	\$ -	\$ -
3/9/2019	0	453.514			\$0	585							\$ -	\$ -	\$ -
3/9/2019	1	441.868			\$0	589							\$ -	\$ -	\$ -
3/9/2019	2	435.951			\$0	560							\$ -	\$ -	\$ -
3/9/2019	3	432.892			\$0	550							\$ -	\$ -	\$ -
3/9/2019	4	437.86			\$0	530							\$ -	\$ -	\$ -
3/9/2019	5	446.566			\$0	512							\$ -	\$ -	\$ -
3/9/2019	6	460.939			\$0	555							\$ -	\$ -	\$ -
3/9/2019	7	473.312			\$0	597							\$ -	\$ -	\$ -
3/9/2019	8	491.858			\$0	599							\$ -	\$ -	\$ -
3/9/2019	9	507.449			\$0	599							\$ -	\$ -	\$ -
3/9/2019	10	511.215			\$0	598							\$ -	\$ -	\$ -
3/9/2019	11	505.399			\$0	600							\$ -	\$ -	\$ -
3/9/2019	12	493.669			\$0	599							\$ -	\$ -	\$ -
3/9/2019	13	486.793			\$0	594							\$ -	\$ -	\$ -
3/9/2019	14	488.903	0	\$0.00	\$0	601							\$ -	\$ -	\$ -
3/9/2019	15	486.948	0	\$0.00	\$0	600							\$ -	\$ -	\$ -

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
3/9/2019	16	484.904	0	\$0.00	\$0	598							\$ -	\$ -	\$ -
3/9/2019	17	484.091			\$0	584							\$ -	\$ -	\$ -
3/9/2019	18	484.066			\$0	587							\$ -	\$ -	\$ -
3/9/2019	19	475.11			\$0	598							\$ -	\$ -	\$ -
3/9/2019	20	459.412			\$0	596							\$ -	\$ -	\$ -
3/9/2019	21	438.972			\$0	544							\$ -	\$ -	\$ -
3/9/2019	22	416.607			\$0	520							\$ -	\$ -	\$ -
3/9/2019	23	393.368			\$0	489							\$ -	\$ -	\$ -
3/10/2019	0	376.215			\$0	476							\$ -	\$ -	\$ -
3/10/2019	1	361.3			\$0	476							\$ -	\$ -	\$ -
3/10/2019	2	355.372			\$0								\$ -	\$ -	\$ -
3/10/2019	3	361.295			\$0	440							\$ -	\$ -	\$ -
3/10/2019	4	374.146			\$0	441							\$ -	\$ -	\$ -
3/10/2019	5	391.895			\$0	440							\$ -	\$ -	\$ -
3/10/2019	6	404.585			\$0	438							\$ -	\$ -	\$ -
3/10/2019	7	417.189			\$0	517							\$ -	\$ -	\$ -
3/10/2019	8	429.744			\$0	566							\$ -	\$ -	\$ -
3/10/2019	9	427.421			\$0	599							\$ -	\$ -	\$ -
3/10/2019	10	422.565			\$0	594							\$ -	\$ -	\$ -
3/10/2019	11	413.68			\$0	598							\$ -	\$ -	\$ -
3/10/2019	12	404.976			\$0	594							\$ -	\$ -	\$ -
3/10/2019	13	402.241			\$0	568							\$ -	\$ -	\$ -
3/10/2019	14	406.499			\$0	536							\$ -	\$ -	\$ -
3/10/2019	15	414.503			\$0	497							\$ -	\$ -	\$ -
3/10/2019	16	426.507			\$0	453							\$ -	\$ -	\$ -
3/10/2019	17	452.069			\$0	440							\$ -	\$ -	\$ -
3/10/2019	18	468.627	5.07	\$39.44	\$200	447							\$ 200	\$ 200	\$ -
3/10/2019	19	458.502			\$0	502							\$ -	\$ -	\$ -
3/10/2019	20	437.717			\$0	564							\$ -	\$ -	\$ -
3/10/2019	21	414.204			\$0	598							\$ -	\$ -	\$ -
3/10/2019	22	396.968			\$0	568							\$ -	\$ -	\$ -
3/10/2019	23	399.332	0	\$0.00	\$0	511							\$ -	\$ -	\$ -
3/11/2019	0	390.644			\$0	439							\$ -	\$ -	\$ -
3/11/2019	1	389.72			\$0	440							\$ -	\$ -	\$ -
3/11/2019	2	392.694			\$0	440							\$ -	\$ -	\$ -
3/11/2019	3	408.392			\$0	440							\$ -	\$ -	\$ -
3/11/2019	4	435.684			\$0	444							\$ -	\$ -	\$ -
3/11/2019	5	484.977			\$0	503							\$ -	\$ -	\$ -
3/11/2019	6	523.129			\$0	578							\$ -	\$ -	\$ -
3/11/2019	7	523.819			\$0	597							\$ -	\$ -	\$ -
3/11/2019	8	508.181			\$0	594							\$ -	\$ -	\$ -
3/11/2019	9	495.346			\$0	604							\$ -	\$ -	\$ -
3/11/2019	10	484.604			\$0	598							\$ -	\$ -	\$ -
3/11/2019	11	476.78			\$0	599							\$ -	\$ -	\$ -
3/11/2019	12	471.892			\$0	596							\$ -	\$ -	\$ -
3/11/2019	13	470.938			\$0	598							\$ -	\$ -	\$ -
3/11/2019	14	469.061			\$0	584							\$ -	\$ -	\$ -
3/11/2019	15	461.112			\$0	586							\$ -	\$ -	\$ -
3/11/2019	16	456.189			\$0	554							\$ -	\$ -	\$ -
3/11/2019	17	460.026			\$0	585							\$ -	\$ -	\$ -
3/11/2019	18	475.573			\$0	597							\$ -	\$ -	\$ -
3/11/2019	19	500.01			\$0	599							\$ -	\$ -	\$ -
3/11/2019	20	493.147			\$0	597							\$ -	\$ -	\$ -
3/11/2019	21	473.792			\$0	563							\$ -	\$ -	\$ -
3/11/2019	22	450.702			\$0	519							\$ -	\$ -	\$ -
3/11/2019	23	439.129			\$0	458							\$ -	\$ -	\$ -

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)	
3/12/2019	0	431.23			\$0	442							\$	-	\$	-
3/12/2019	1	428.249			\$0	443							\$	-	\$	-
3/12/2019	2	428.039			\$0	465							\$	-	\$	-
3/12/2019	3	441.336			\$0	524							\$	-	\$	-
3/12/2019	4	472.599			\$0	560							\$	-	\$	-
3/12/2019	5	524.459			\$0	591							\$	-	\$	-
3/12/2019	6	558.71			\$0	598			16	15			\$	-	\$	-
3/12/2019	7	557.016			\$0	595			36	35			\$	-	\$	-
3/12/2019	8	543.198			\$0	599							\$	-	\$	-
3/12/2019	9	525.643			\$0	596							\$	-	\$	-
3/12/2019	10	505.149			\$0	599							\$	-	\$	-
3/12/2019	11	488.412			\$0	596							\$	-	\$	-
3/12/2019	12	482.607			\$0	595							\$	-	\$	-
3/12/2019	13	472.108			\$0	574							\$	-	\$	-
3/12/2019	14	466.619			\$0	538							\$	-	\$	-
3/12/2019	15	459.01			\$0	485							\$	-	\$	-
3/12/2019	16	459.091	12.09	\$27.68	\$335	447							\$	335	\$	335
3/12/2019	17	467.832	21.83	\$30.58	\$668	446							\$	668	\$	668
3/12/2019	18	484.233	28.23	\$38.82	\$1,096	456							\$	1,096	\$	1,096
3/12/2019	19	506.332			\$0	509							\$	-	\$	-
3/12/2019	20	494.93			\$0	556							\$	-	\$	-
3/12/2019	21	474.426			\$0	529							\$	-	\$	-
3/12/2019	22	444.526			\$0	479							\$	-	\$	-
3/12/2019	23	428.931			\$0	440							\$	-	\$	-
3/13/2019	0	420.013			\$0	442							\$	-	\$	-
3/13/2019	1	411.023			\$0	440							\$	-	\$	-
3/13/2019	2	406.964			\$0	441							\$	-	\$	-
3/13/2019	3	415.69			\$0	454							\$	-	\$	-
3/13/2019	4	439.935			\$0	472							\$	-	\$	-
3/13/2019	5	483.669			\$0	496							\$	-	\$	-
3/13/2019	6	513.961			\$0	540							\$	-	\$	-
3/13/2019	7	511.367			\$0	565							\$	-	\$	-
3/13/2019	8	510.359			\$0	577							\$	-	\$	-
3/13/2019	9	509.366			\$0	588							\$	-	\$	-
3/13/2019	10	498.819			\$0	559							\$	-	\$	-
3/13/2019	11	477.645			\$0	505							\$	-	\$	-
3/13/2019	12	470.156			\$0	471							\$	-	\$	-
3/13/2019	13	459.514	16.51	\$24.15	\$399	443							\$	399	\$	399
3/13/2019	14	456.737	14.74	\$23.58	\$348	442							\$	348	\$	348
3/13/2019	15	452.715	9.72	\$23.60	\$229	443							\$	229	\$	229
3/13/2019	16	450.53	9.53	\$24.17	\$230	441							\$	230	\$	230
3/13/2019	17	450.551	1.55	\$25.02	\$39	449							\$	39	\$	39
3/13/2019	18	458.076	4.08	\$34.50	\$141	454							\$	141	\$	141
3/13/2019	19	473.694			\$0	476							\$	-	\$	-
3/13/2019	20	461.376	19.38	\$24.27	\$470	442							\$	470	\$	470
3/13/2019	21	434.166	0	\$0.00	\$0	441							\$	-	\$	-
3/13/2019	22	403.85			\$0	442							\$	-	\$	-
3/13/2019	23	381.282			\$0	442							\$	-	\$	-
3/14/2019	0	370.448			\$0	445							\$	-	\$	-
3/14/2019	1	359.719			\$0	442							\$	-	\$	-
3/14/2019	2	356.727			\$0	441							\$	-	\$	-
3/14/2019	3	364.6			\$0	440							\$	-	\$	-
3/14/2019	4	383.127			\$0	443							\$	-	\$	-
3/14/2019	5	426.946			\$0	443							\$	-	\$	-
3/14/2019	6	458.39	15.39	\$28.18	\$434	443							\$	434	\$	434
3/14/2019	7	462.213	7.21	\$26.77	\$193	455							\$	193	\$	193

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
3/14/2019	8	467.299	24.3	\$26.62	\$647	443							\$ 647	\$ 647	\$ -
3/14/2019	9	477.072	6.07	\$25.78	\$156	471							\$ 156	\$ 156	\$ -
3/14/2019	10	472.111	9.11	\$24.66	\$225	463							\$ 225	\$ 225	\$ -
3/14/2019	11	467.402	26.4	\$23.91	\$631	441							\$ 631	\$ 631	\$ -
3/14/2019	12	467.48	27.48	\$23.78	\$653	440							\$ 653	\$ 653	\$ -
3/14/2019	13	468.722	28.72	\$23.25	\$668	440							\$ 668	\$ 668	\$ -
3/14/2019	14	463.797	23.8	\$22.46	\$535	440							\$ 535	\$ 535	\$ -
3/14/2019	15	458.696	16.7	\$22.68	\$379	442							\$ 379	\$ 379	\$ -
3/14/2019	16	442.119	3.12	\$23.01	\$72	439							\$ 72	\$ 72	\$ -
3/14/2019	17	432.311	0	\$0.00	\$0	441							\$ -	\$ -	\$ -
3/14/2019	18	449.947	4.95	\$26.93	\$133	445							\$ 133	\$ 133	\$ -
3/14/2019	19	469.671	18.67	\$25.32	\$473	451							\$ 473	\$ 473	\$ -
3/14/2019	20	455.079	17.08	\$23.08	\$394	438							\$ 394	\$ 394	\$ -
3/14/2019	21	428.845			\$0	438							\$ -	\$ -	\$ -
3/14/2019	22	392.622			\$0	443							\$ -	\$ -	\$ -
3/14/2019	23	381.653			\$0	439							\$ -	\$ -	\$ -
3/15/2019	0	369.91			\$0	444							\$ -	\$ -	\$ -
3/15/2019	1	362.142			\$0	439							\$ -	\$ -	\$ -
3/15/2019	2	360.134			\$0	437							\$ -	\$ -	\$ -
3/15/2019	3	370.004			\$0	442							\$ -	\$ -	\$ -
3/15/2019	4	394.515			\$0	439							\$ -	\$ -	\$ -
3/15/2019	5	436.509			\$0	442							\$ -	\$ -	\$ -
3/15/2019	6	473.921	5.92	\$27.74	\$164	468							\$ 164	\$ 164	\$ -
3/15/2019	7	482.988	41.99	\$27.24	\$1,144	441							\$ 1,144	\$ 1,144	\$ -
3/15/2019	8	487.88	44.88	\$27.28	\$1,224	443							\$ 1,224	\$ 1,224	\$ -
3/15/2019	9	491.739	52.74	\$27.77	\$1,465	439							\$ 1,465	\$ 1,465	\$ -
3/15/2019	10	492.87	45.87	\$28.52	\$1,308	447							\$ 1,308	\$ 1,308	\$ -
3/15/2019	11	488.681	15.68	\$27.26	\$427	473							\$ 427	\$ 427	\$ -
3/15/2019	12	492.564	49.56	\$26.77	\$1,327	443							\$ 1,327	\$ 1,327	\$ -
3/15/2019	13	490.81	50.81	\$25.32	\$1,287	440							\$ 1,287	\$ 1,287	\$ -
3/15/2019	14	490.78	49.78	\$24.36	\$1,213	441							\$ 1,213	\$ 1,213	\$ -
3/15/2019	15	495.674	55.67	\$23.88	\$1,329	440							\$ 1,329	\$ 1,329	\$ -
3/15/2019	16	493.634	47.63	\$24.93	\$1,187	446							\$ 1,187	\$ 1,187	\$ -
3/15/2019	17	499.465	59.47	\$24.92	\$1,482	440							\$ 1,482	\$ 1,482	\$ -
3/15/2019	18	507.425	61.43	\$28.04	\$1,722	446							\$ 1,722	\$ 1,722	\$ -
3/15/2019	19	511.282	2.28	\$29.20	\$67	509							\$ 67	\$ 67	\$ -
3/15/2019	20	501.33			\$0	582							\$ -	\$ -	\$ -
3/15/2019	21	479.903			\$0	548							\$ -	\$ -	\$ -
3/15/2019	22	453.889	0	\$0.00	\$0	478							\$ -	\$ -	\$ -
3/15/2019	23	437.363			\$0	438							\$ -	\$ -	\$ -
3/16/2019	0	426.605			\$0	438							\$ -	\$ -	\$ -
3/16/2019	1	416.833			\$0	437							\$ -	\$ -	\$ -
3/16/2019	2	417.86			\$0	438							\$ -	\$ -	\$ -
3/16/2019	3	422.634			\$0	439							\$ -	\$ -	\$ -
3/16/2019	4	432.287			\$0	437							\$ -	\$ -	\$ -
3/16/2019	5	449.006	8.01	\$22.40	\$179	441							\$ 179	\$ 179	\$ -
3/16/2019	6	472.366			\$0	473							\$ -	\$ -	\$ -
3/16/2019	7	480.814			\$0	544							\$ -	\$ -	\$ -
3/16/2019	8	479.553			\$0	579							\$ -	\$ -	\$ -
3/16/2019	9	474.547			\$0	593							\$ -	\$ -	\$ -
3/16/2019	10	464.697			\$0	590							\$ -	\$ -	\$ -
3/16/2019	11	450.093			\$0	576							\$ -	\$ -	\$ -
3/16/2019	12	438.663			\$0	517							\$ -	\$ -	\$ -
3/16/2019	13	427.212			\$0	444							\$ -	\$ -	\$ -
3/16/2019	14	416.509			\$0	440							\$ -	\$ -	\$ -
3/16/2019	15	408.679			\$0	438							\$ -	\$ -	\$ -



Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)			
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6		
3/16/2019	16	407.516			\$0	440						\$	-	\$	-	\$	-
3/16/2019	17	411.392			\$0	440						\$	-	\$	-	\$	-
3/16/2019	18	425.111			\$0	463						\$	-	\$	-	\$	-
3/16/2019	19	453.431			\$0	536						\$	-	\$	-	\$	-
3/16/2019	20	451.237			\$0	596						\$	-	\$	-	\$	-
3/16/2019	21	438.314			\$0	596						\$	-	\$	-	\$	-
3/16/2019	22	424.326			\$0	594						\$	-	\$	-	\$	-
3/16/2019	23	411.316			\$0	593						\$	-	\$	-	\$	-
3/17/2019	0	406.663			\$0	560						\$	-	\$	-	\$	-
3/17/2019	1	403.623			\$0	538						\$	-	\$	-	\$	-
3/17/2019	2	405.558			\$0	566						\$	-	\$	-	\$	-
3/17/2019	3	411.575			\$0	522						\$	-	\$	-	\$	-
3/17/2019	4	421.068			\$0	584						\$	-	\$	-	\$	-
3/17/2019	5	438.627			\$0	597						\$	-	\$	-	\$	-
3/17/2019	6	461.208			\$0	570						\$	-	\$	-	\$	-
3/17/2019	7	467.017			\$0	582						\$	-	\$	-	\$	-
3/17/2019	8	473.006			\$0	598						\$	-	\$	-	\$	-
3/17/2019	9	475.342			\$0	562						\$	-	\$	-	\$	-
3/17/2019	10	468.195	11.2	\$26.29	\$294	457						\$	294	\$	294	\$	-
3/17/2019	11	448.604	3.6	\$25.02	\$90	445						\$	90	\$	90	\$	-
3/17/2019	12	429.051			\$0	439						\$	-	\$	-	\$	-
3/17/2019	13	418.346			\$0	441						\$	-	\$	-	\$	-
3/17/2019	14	413.357			\$0	440						\$	-	\$	-	\$	-
3/17/2019	15	416.37			\$0	438						\$	-	\$	-	\$	-
3/17/2019	16	426.205			\$0	440						\$	-	\$	-	\$	-
3/17/2019	17	432.89			\$0	440						\$	-	\$	-	\$	-
3/17/2019	18	448.525			\$0	455						\$	-	\$	-	\$	-
3/17/2019	19	478.672			\$0	533						\$	-	\$	-	\$	-
3/17/2019	20	470.337			\$0	578						\$	-	\$	-	\$	-
3/17/2019	21	451.733			\$0	594						\$	-	\$	-	\$	-
3/17/2019	22	429.432			\$0	561						\$	-	\$	-	\$	-
3/17/2019	23	418.293			\$0	569						\$	-	\$	-	\$	-
3/18/2019	0	410.727			\$0	510						\$	-	\$	-	\$	-
3/18/2019	1	411.801			\$0	450						\$	-	\$	-	\$	-
3/18/2019	2	420.576			\$0	456						\$	-	\$	-	\$	-
3/18/2019	3	437.988			\$0	488						\$	-	\$	-	\$	-
3/18/2019	4	471.423			\$0	540						\$	-	\$	-	\$	-
3/18/2019	5	527.462			\$0	596						\$	-	\$	-	\$	-
3/18/2019	6	564.914			\$0	597			1	2		\$	-	\$	-	\$	-
3/18/2019	7	557.152			\$0	600			8	8		\$	-	\$	-	\$	-
3/18/2019	8	537.388			\$0	598						\$	-	\$	-	\$	-
3/18/2019	9	519.6			\$0	598						\$	-	\$	-	\$	-
3/18/2019	10	508.748			\$0	597						\$	-	\$	-	\$	-
3/18/2019	11	498.997			\$0	599						\$	-	\$	-	\$	-
3/18/2019	12	489.112			\$0	597						\$	-	\$	-	\$	-
3/18/2019	13	482.297			\$0	600						\$	-	\$	-	\$	-
3/18/2019	14	480.249			\$0	599						\$	-	\$	-	\$	-
3/18/2019	15	480.22			\$0	596						\$	-	\$	-	\$	-
3/18/2019	16	475.195			\$0	598						\$	-	\$	-	\$	-
3/18/2019	17	479.118			\$0	600						\$	-	\$	-	\$	-
3/18/2019	18	491.784			\$0	598						\$	-	\$	-	\$	-
3/18/2019	19	518.41			\$0	598						\$	-	\$	-	\$	-
3/18/2019	20	509.396			\$0	596						\$	-	\$	-	\$	-
3/18/2019	21	487.956			\$0	599						\$	-	\$	-	\$	-
3/18/2019	22	460.36			\$0	595						\$	-	\$	-	\$	-
3/18/2019	23	441.789			\$0	590						\$	-	\$	-	\$	-

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)				
					East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6			
3/19/2019	0	436.737		\$0	595							\$	-	\$	-	\$	-
3/19/2019	1	431.763		\$0	596							\$	-	\$	-	\$	-
3/19/2019	2	435.735		\$0	599							\$	-	\$	-	\$	-
3/19/2019	3	448.41		\$0	595							\$	-	\$	-	\$	-
3/19/2019	4	479.913		\$0	602							\$	-	\$	-	\$	-
3/19/2019	5	531.853		\$0	597							\$	-	\$	-	\$	-
3/19/2019	6	565.373		\$0	599							\$	-	\$	-	\$	-
3/19/2019	7	555.787		\$0	596							\$	-	\$	-	\$	-
3/19/2019	8	528.224		\$0	604							\$	-	\$	-	\$	-
3/19/2019	9	509.494		\$0	600							\$	-	\$	-	\$	-
3/19/2019	10	495.806		\$0	600							\$	-	\$	-	\$	-
3/19/2019	11	481.206		\$0	585							\$	-	\$	-	\$	-
3/19/2019	12	470.539		\$0	574							\$	-	\$	-	\$	-
3/19/2019	13	460.794		\$0	545							\$	-	\$	-	\$	-
3/19/2019	14	457.162		\$0	503							\$	-	\$	-	\$	-
3/19/2019	15	452.958		\$0	480							\$	-	\$	-	\$	-
3/19/2019	16	450.906		\$0	477							\$	-	\$	-	\$	-
3/19/2019	17	454.762		\$0	490							\$	-	\$	-	\$	-
3/19/2019	18	470.539		\$0	491							\$	-	\$	-	\$	-
3/19/2019	19	494.962		\$0	553							\$	-	\$	-	\$	-
3/19/2019	20	484.986		\$0	597							\$	-	\$	-	\$	-
3/19/2019	21	465.186		\$0	593							\$	-	\$	-	\$	-
3/19/2019	22	442.059		\$0	517							\$	-	\$	-	\$	-
3/19/2019	23	428.603		\$0	509							\$	-	\$	-	\$	-
3/20/2019	0	421.599		\$0	490							\$	-	\$	-	\$	-
3/20/2019	1	415.57		\$0	487							\$	-	\$	-	\$	-
3/20/2019	2	417.534		\$0	470							\$	-	\$	-	\$	-
3/20/2019	3	432.252		\$0	490							\$	-	\$	-	\$	-
3/20/2019	4	459.998		\$0	523							\$	-	\$	-	\$	-
3/20/2019	5	507.968		\$0	559							\$	-	\$	-	\$	-
3/20/2019	6	546.37		\$0	596							\$	-	\$	-	\$	-
3/20/2019	7	537.541		\$0	597							\$	-	\$	-	\$	-
3/20/2019	8	520.53		\$0	597							\$	-	\$	-	\$	-
3/20/2019	9	505.018		\$0	600							\$	-	\$	-	\$	-
3/20/2019	10	488.398		\$0	596							\$	-	\$	-	\$	-
3/20/2019	11	479.746		\$0	579							\$	-	\$	-	\$	-
3/20/2019	12	465.882		\$0	592							\$	-	\$	-	\$	-
3/20/2019	13	462.035		\$0	582							\$	-	\$	-	\$	-
3/20/2019	14	462.406		\$0	547							\$	-	\$	-	\$	-
3/20/2019	15	460.324		\$0	538							\$	-	\$	-	\$	-
3/20/2019	16	463.095		\$0	546							\$	-	\$	-	\$	-
3/20/2019	17	469.757		\$0	584							\$	-	\$	-	\$	-
3/20/2019	18	477.625		\$0	578							\$	-	\$	-	\$	-
3/20/2019	19	488.465		\$0	600							\$	-	\$	-	\$	-
3/20/2019	20	475.822		\$0	582							\$	-	\$	-	\$	-
3/20/2019	21	452.909		\$0	485							\$	-	\$	-	\$	-
3/20/2019	22	425.793		\$0	440							\$	-	\$	-	\$	-
3/20/2019	23	407.232		\$0	441							\$	-	\$	-	\$	-
3/21/2019	0	395.443		\$0	441							\$	-	\$	-	\$	-
3/21/2019	1	385.569		\$0	441							\$	-	\$	-	\$	-
3/21/2019	2	382.62		\$0	436							\$	-	\$	-	\$	-
3/21/2019	3	392.397		\$0	445							\$	-	\$	-	\$	-
3/21/2019	4	417.934		\$0	444							\$	-	\$	-	\$	-
3/21/2019	5	461.698		\$0	489							\$	-	\$	-	\$	-
3/21/2019	6	495.603		\$0	532							\$	-	\$	-	\$	-
3/21/2019	7	494.518		\$0	564							\$	-	\$	-	\$	-

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)			
3/21/2019	8	489.463			\$0	577							\$	-	\$	-	\$	-
3/21/2019	9	495.294			\$0	596							\$	-	\$	-	\$	-
3/21/2019	10	495.229			\$0	597							\$	-	\$	-	\$	-
3/21/2019	11	493.315			\$0	601							\$	-	\$	-	\$	-
3/21/2019	12	491.34			\$0	598							\$	-	\$	-	\$	-
3/21/2019	13	481.586			\$0	599							\$	-	\$	-	\$	-
3/21/2019	14	488.374			\$0	599							\$	-	\$	-	\$	-
3/21/2019	15	483.427			\$0	599							\$	-	\$	-	\$	-
3/21/2019	16	481.378			\$0	595							\$	-	\$	-	\$	-
3/21/2019	17	487.349			\$0	603							\$	-	\$	-	\$	-
3/21/2019	18	495.184			\$0	597							\$	-	\$	-	\$	-
3/21/2019	19	509.12			\$0	598							\$	-	\$	-	\$	-
3/21/2019	20	498.261			\$0	600							\$	-	\$	-	\$	-
3/21/2019	21	472.668			\$0	578							\$	-	\$	-	\$	-
3/21/2019	22	444.323			\$0	562							\$	-	\$	-	\$	-
3/21/2019	23	427.335			\$0	508							\$	-	\$	-	\$	-
3/22/2019	0	415.756			\$0	472							\$	-	\$	-	\$	-
3/22/2019	1	407.063			\$0	439							\$	-	\$	-	\$	-
3/22/2019	2	404.091			\$0	442							\$	-	\$	-	\$	-
3/22/2019	3	413.822			\$0	442							\$	-	\$	-	\$	-
3/22/2019	4	443.317			\$0	444							\$	-	\$	-	\$	-
3/22/2019	5	490.215	18.22	\$35.18	\$641	472							\$	641	\$	641	\$	-
3/22/2019	6	523.573	7.57	\$38.91	\$295	516							\$	295	\$	295	\$	-
3/22/2019	7	513.478			\$0	561							\$	-	\$	-	\$	-
3/22/2019	8	504.165			\$0	598							\$	-	\$	-	\$	-
3/22/2019	9	492.296			\$0	597							\$	-	\$	-	\$	-
3/22/2019	10	482.364			\$0	599							\$	-	\$	-	\$	-
3/22/2019	11	488.353			\$0	579							\$	-	\$	-	\$	-
3/22/2019	12	485.76			\$0	536							\$	-	\$	-	\$	-
3/22/2019	13	475.391			\$0	484							\$	-	\$	-	\$	-
3/22/2019	14	464.522			\$0	468							\$	-	\$	-	\$	-
3/22/2019	15	450.602			\$0	463							\$	-	\$	-	\$	-
3/22/2019	16	441.922			\$0	445							\$	-	\$	-	\$	-
3/22/2019	17	441.056			\$0	448							\$	-	\$	-	\$	-
3/22/2019	18	447.904			\$0	450							\$	-	\$	-	\$	-
3/22/2019	19	475.403	4.4	\$35.61	\$157	471							\$	157	\$	157	\$	-
3/22/2019	20	473.145			\$0	505							\$	-	\$	-	\$	-
3/22/2019	21	455.56			\$0	524							\$	-	\$	-	\$	-
3/22/2019	22	434.414			\$0	469							\$	-	\$	-	\$	-
3/22/2019	23	420.113			\$0	457							\$	-	\$	-	\$	-
3/23/2019	0	410.423			\$0	463							\$	-	\$	-	\$	-
3/23/2019	1	407.598			\$0	446							\$	-	\$	-	\$	-
3/23/2019	2	410.435			\$0	487							\$	-	\$	-	\$	-
3/23/2019	3	419.119			\$0	520							\$	-	\$	-	\$	-
3/23/2019	4	434.63			\$0	512							\$	-	\$	-	\$	-
3/23/2019	5	454.625			\$0	558							\$	-	\$	-	\$	-
3/23/2019	6	478.897			\$0	592							\$	-	\$	-	\$	-
3/23/2019	7	488.594			\$0	597							\$	-	\$	-	\$	-
3/23/2019	8	481.759			\$0	599							\$	-	\$	-	\$	-
3/23/2019	9	468.2			\$0	587							\$	-	\$	-	\$	-
3/23/2019	10	456.555			\$0	561							\$	-	\$	-	\$	-
3/23/2019	11	442.921			\$0	555							\$	-	\$	-	\$	-
3/23/2019	12	427.695			\$0	499							\$	-	\$	-	\$	-
3/23/2019	13	414.262			\$0	463							\$	-	\$	-	\$	-
3/23/2019	14	399.697			\$0	442							\$	-	\$	-	\$	-
3/23/2019	15	393.735			\$0	442							\$	-	\$	-	\$	-

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)			
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6		
3/23/2019	16	392.63			\$0	442						\$	-	\$	-	\$	-
3/23/2019	17	391.58			\$0	445						\$	-	\$	-	\$	-
3/23/2019	18	399.382			\$0	446						\$	-	\$	-	\$	-
3/23/2019	19	422.884			\$0	471						\$	-	\$	-	\$	-
3/23/2019	20	418.827			\$0	463						\$	-	\$	-	\$	-
3/23/2019	21	405.82			\$0	468						\$	-	\$	-	\$	-
3/23/2019	22	390.347			\$0	440						\$	-	\$	-	\$	-
3/23/2019	23	374.811			\$0	441						\$	-	\$	-	\$	-
3/24/2019	0	367.907			\$0	441						\$	-	\$	-	\$	-
3/24/2019	1	361.92			\$0	441						\$	-	\$	-	\$	-
3/24/2019	2	359.946			\$0	441						\$	-	\$	-	\$	-
3/24/2019	3	364.766			\$0	443						\$	-	\$	-	\$	-
3/24/2019	4	372.7			\$0	444						\$	-	\$	-	\$	-
3/24/2019	5	385.464			\$0	446						\$	-	\$	-	\$	-
3/24/2019	6	402.042			\$0	481						\$	-	\$	-	\$	-
3/24/2019	7	410.784			\$0	445						\$	-	\$	-	\$	-
3/24/2019	8	420.717			\$0	441						\$	-	\$	-	\$	-
3/24/2019	9	421.936			\$0	442						\$	-	\$	-	\$	-
3/24/2019	10	416.275			\$0	440						\$	-	\$	-	\$	-
3/24/2019	11	405.534			\$0	441						\$	-	\$	-	\$	-
3/24/2019	12	401.577			\$0	475						\$	-	\$	-	\$	-
3/24/2019	13	400.491			\$0	550						\$	-	\$	-	\$	-
3/24/2019	14	403.641			\$0	477						\$	-	\$	-	\$	-
3/24/2019	15	414.482			\$0	443						\$	-	\$	-	\$	-
3/24/2019	16	425.247			\$0	441						\$	-	\$	-	\$	-
3/24/2019	17	429.023			\$0	460						\$	-	\$	-	\$	-
3/24/2019	18	433.856			\$0	460						\$	-	\$	-	\$	-
3/24/2019	19	445.548			\$0	490						\$	-	\$	-	\$	-
3/24/2019	20	432.02			\$0	442						\$	-	\$	-	\$	-
3/24/2019	21	407.535			\$0	441						\$	-	\$	-	\$	-
3/24/2019	22	384.838			\$0	442						\$	-	\$	-	\$	-
3/24/2019	23	365.995			\$0	443						\$	-	\$	-	\$	-
3/25/2019	0	355.041			\$0	441						\$	-	\$	-	\$	-
3/25/2019	1	350.212			\$0	441						\$	-	\$	-	\$	-
3/25/2019	2	351.159			\$0	442						\$	-	\$	-	\$	-
3/25/2019	3	364.868			\$0	443						\$	-	\$	-	\$	-
3/25/2019	4	391.366			\$0	442						\$	-	\$	-	\$	-
3/25/2019	5	441.222			\$0	452						\$	-	\$	-	\$	-
3/25/2019	6	478.359			\$0	536						\$	-	\$	-	\$	-
3/25/2019	7	491.206			\$0	594						\$	-	\$	-	\$	-
3/25/2019	8	493.248			\$0	596						\$	-	\$	-	\$	-
3/25/2019	9	499.881			\$0	596						\$	-	\$	-	\$	-
3/25/2019	10	502.005			\$0	595						\$	-	\$	-	\$	-
3/25/2019	11	504.626			\$0	597						\$	-	\$	-	\$	-
3/25/2019	12	509.386			\$0	598						\$	-	\$	-	\$	-
3/25/2019	13	510.13			\$0	599						\$	-	\$	-	\$	-
3/25/2019	14	508.887			\$0	597						\$	-	\$	-	\$	-
3/25/2019	15	507.78			\$0	598						\$	-	\$	-	\$	-
3/25/2019	16	511.776			\$0	592						\$	-	\$	-	\$	-
3/25/2019	17	504.843			\$0	590						\$	-	\$	-	\$	-
3/25/2019	18	501.873			\$0	568						\$	-	\$	-	\$	-
3/25/2019	19	519.475			\$0	569						\$	-	\$	-	\$	-
3/25/2019	20	510.777			\$0	566						\$	-	\$	-	\$	-
3/25/2019	21	489.713			\$0	511						\$	-	\$	-	\$	-
3/25/2019	22	463.597			\$0	474						\$	-	\$	-	\$	-
3/25/2019	23	449.032	6.03	\$21.56	\$130	443						\$	130	\$	130	\$	-

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)	
3/26/2019	0	440.085			\$0	442							\$	-	\$	-
3/26/2019	1	437.284			\$0	441							\$	-	\$	-
3/26/2019	2	439.154			\$0	442							\$	-	\$	-
3/26/2019	3	452.787	12.79	\$23.03	\$295	440							\$	295	\$	295
3/26/2019	4	482.093	40.09	\$28.92	\$1,159	442							\$	1,159	\$	1,159
3/26/2019	5	532.879	37.88	\$43.44	\$1,646	495							\$	1,646	\$	1,646
3/26/2019	6	563.999			\$0	575							\$	-	\$	-
3/26/2019	7	553.104			\$0	588							\$	-	\$	-
3/26/2019	8	534.298			\$0	597							\$	-	\$	-
3/26/2019	9	521.536			\$0	598							\$	-	\$	-
3/26/2019	10	509.715			\$0	592							\$	-	\$	-
3/26/2019	11	499.038			\$0	576							\$	-	\$	-
3/26/2019	12	487.76			\$0	499							\$	-	\$	-
3/26/2019	13	478.138	21.14	\$24.81	\$524	457							\$	524	\$	524
3/26/2019	14	471.766	29.77	\$24.15	\$719	442							\$	719	\$	719
3/26/2019	15	465.003	25	\$24.21	\$605	440							\$	605	\$	605
3/26/2019	16	463.027	23.03	\$24.77	\$570	440							\$	570	\$	570
3/26/2019	17	464.804	16.8	\$25.78	\$433	448							\$	433	\$	433
3/26/2019	18	474.488	30.49	\$34.04	\$1,038	444							\$	1,038	\$	1,038
3/26/2019	19	506.506			\$0	509							\$	-	\$	-
3/26/2019	20	502.008			\$0	588							\$	-	\$	-
3/26/2019	21	479			\$0	522							\$	-	\$	-
3/26/2019	22	453.89			\$0	464							\$	-	\$	-
3/26/2019	23	438.492			\$0	440							\$	-	\$	-
3/27/2019	0	430.489			\$0	449							\$	-	\$	-
3/27/2019	1	428.534			\$0	442							\$	-	\$	-
3/27/2019	2	430.463			\$0	441							\$	-	\$	-
3/27/2019	3	446.02			\$0	459							\$	-	\$	-
3/27/2019	4	476.194	12.19	\$29.45	\$359	464							\$	359	\$	359
3/27/2019	5	525.621			\$0	556							\$	-	\$	-
3/27/2019	6	552.771			\$0	596							\$	-	\$	-
3/27/2019	7	541.214			\$0	598							\$	-	\$	-
3/27/2019	8	520.52			\$0	598							\$	-	\$	-
3/27/2019	9	501.984			\$0	592							\$	-	\$	-
3/27/2019	10	487.589			\$0	557							\$	-	\$	-
3/27/2019	11	475.129			\$0	487							\$	-	\$	-
3/27/2019	12	466.6	14.6	\$23.82	\$348	452							\$	348	\$	348
3/27/2019	13	460.786	18.79	\$23.47	\$441	442							\$	441	\$	441
3/27/2019	14	457.118	15.12	\$23.04	\$348	442							\$	348	\$	348
3/27/2019	15	447.327	6.33	\$22.73	\$144	441							\$	144	\$	144
3/27/2019	16	442.354	2.35	\$22.79	\$54	440							\$	54	\$	54
3/27/2019	17	440.375	0	\$0.00	\$0	442							\$	-	\$	-
3/27/2019	18	449.911	2.91	\$26.86	\$78	447							\$	78	\$	78
3/27/2019	19	474.243	1.24	\$28.70	\$36	473							\$	36	\$	36
3/27/2019	20	466.474	25.47	\$25.34	\$645	441							\$	645	\$	645
3/27/2019	21	444.118	2.12	\$22.46	\$48	442							\$	48	\$	48
3/27/2019	22	417.661			\$0	440							\$	-	\$	-
3/27/2019	23	399.916			\$0	440							\$	-	\$	-
3/28/2019	0	393.008			\$0	438							\$	-	\$	-
3/28/2019	1	387.018			\$0	443							\$	-	\$	-
3/28/2019	2	387.837			\$0	440							\$	-	\$	-
3/28/2019	3	399.471			\$0	443							\$	-	\$	-
3/28/2019	4	425.731			\$0	446							\$	-	\$	-
3/28/2019	5	475.454	12.45	\$33.64	\$419	463							\$	419	\$	419
3/28/2019	6	502.686			\$0	525							\$	-	\$	-
3/28/2019	7	496.701			\$0	541							\$	-	\$	-

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)	
3/28/2019	8	492.136			\$0	563							\$	-	\$	-
3/28/2019	9	487.536			\$0	535							\$	-	\$	-
3/28/2019	10	484.164	0.16	\$23.56	\$4	484							\$	4	\$	4
3/28/2019	11	472.661	30.66	\$23.06	\$707	442							\$	707	\$	707
3/28/2019	12	459.927	15.93	\$22.52	\$359	444							\$	359	\$	359
3/28/2019	13	456.086	12.09	\$21.74	\$263	444							\$	263	\$	263
3/28/2019	14	451.286	12.29	\$21.34	\$262	439							\$	262	\$	262
3/28/2019	15	446.358	3.36	\$21.04	\$71	443							\$	71	\$	71
3/28/2019	16	442.338	0	\$0.00	\$0	445							\$	-	\$	-
3/28/2019	17	441.249	0	\$0.00	\$0	442							\$	-	\$	-
3/28/2019	18	451.862	3.86	\$25.57	\$99	448							\$	99	\$	99
3/28/2019	19	470.404			\$0	471							\$	-	\$	-
3/28/2019	20	456.741	13.74	\$23.31	\$320	443							\$	320	\$	320
3/28/2019	21	427.556			\$0	442							\$	-	\$	-
3/28/2019	22	398.189			\$0	441							\$	-	\$	-
3/28/2019	23	377.591			\$0	440							\$	-	\$	-
3/29/2019	0	364.006			\$0	441							\$	-	\$	-
3/29/2019	1	352.326			\$0	440							\$	-	\$	-
3/29/2019	2	347.355			\$0	439							\$	-	\$	-
3/29/2019	3	355.109			\$0	442							\$	-	\$	-
3/29/2019	4	377.87			\$0	439							\$	-	\$	-
3/29/2019	5	419.936			\$0	449							\$	-	\$	-
3/29/2019	6	447.933			\$0	489							\$	-	\$	-
3/29/2019	7	452.515			\$0	514							\$	-	\$	-
3/29/2019	8	460.088			\$0	567							\$	-	\$	-
3/29/2019	9	462.982			\$0	597							\$	-	\$	-
3/29/2019	10	458.998			\$0	595							\$	-	\$	-
3/29/2019	11	454.237			\$0	595							\$	-	\$	-
3/29/2019	12	451.527			\$0	593							\$	-	\$	-
3/29/2019	13	450.83			\$0	595							\$	-	\$	-
3/29/2019	14	446.101			\$0	569							\$	-	\$	-
3/29/2019	15	439.182			\$0	559							\$	-	\$	-
3/29/2019	16	432.187			\$0	589							\$	-	\$	-
3/29/2019	17	428.381			\$0	567							\$	-	\$	-
3/29/2019	18	434.31			\$0	529							\$	-	\$	-
3/29/2019	19	439.988			\$0	559							\$	-	\$	-
3/29/2019	20	427.466			\$0	561							\$	-	\$	-
3/29/2019	21	409.234			\$0	519							\$	-	\$	-
3/29/2019	22	386.916			\$0	487							\$	-	\$	-
3/29/2019	23	366.133			\$0	445							\$	-	\$	-
3/30/2019	0	350.363			\$0	438							\$	-	\$	-
3/30/2019	1	341.502			\$0	440							\$	-	\$	-
3/30/2019	2	336.685			\$0	438							\$	-	\$	-
3/30/2019	3	337.561			\$0	438							\$	-	\$	-
3/30/2019	4	344.414			\$0	440							\$	-	\$	-
3/30/2019	5	355.349	2.35	\$21.27	\$50	353							\$	50	\$	50
3/30/2019	6	371.11	149.11	\$21.70	\$3,236	222							\$	3,236	\$	2,040
3/30/2019	7	387.957	193.96	\$22.54	\$4,372	194							\$	4,372	\$	2,119
3/30/2019	8	404.592	228.59	\$23.69	\$5,415	176							\$	5,415	\$	2,227
3/30/2019	9	417.501	292.5	\$24.41	\$7,140	125							\$	7,140	\$	2,295
3/30/2019	10	422.477	422.48	\$23.69	\$10,009								\$	10,009	\$	2,227
3/30/2019	11	421.605	421.61	\$23.34	\$9,840								\$	9,840	\$	2,194
3/30/2019	12	415.704	415.7	\$22.58	\$9,387								\$	9,387	\$	2,123
3/30/2019	13	410.859	410.86	\$21.94	\$9,014								\$	9,014	\$	2,062
3/30/2019	14	407.886	407.89	\$21.61	\$8,815								\$	8,815	\$	2,031
3/30/2019	15	406.838	406.84	\$22.12	\$8,999								\$	8,999	\$	2,079

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)	
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6
3/30/2019	16	413.84	413.84	\$22.53	\$9,324								\$ 9,324	\$ 2,118	\$ 7,206
3/30/2019	17	418.767	418.77	\$22.54	\$9,439								\$ 9,439	\$ 2,119	\$ 7,320
3/30/2019	18	419.712	419.71	\$25.31	\$10,623								\$ 10,623	\$ 2,379	\$ 8,244
3/30/2019	19	423.429	423.43	\$25.01	\$10,590								\$ 10,590	\$ 2,351	\$ 8,239
3/30/2019	20	422.424	422.42	\$23.42	\$9,893								\$ 9,893	\$ 2,201	\$ 7,692
3/30/2019	21	406.011	406.01	\$22.05	\$8,953								\$ 8,953	\$ 2,073	\$ 6,880
3/30/2019	22	389.404	389.4	\$20.95	\$8,158								\$ 8,158	\$ 1,969	\$ 6,189
3/30/2019	23	376.595	376.6	\$19.64	\$7,396								\$ 7,396	\$ 1,846	\$ 5,550
3/31/2019	0	368.778	368.78	\$19.60	\$7,228								\$ 7,228	\$ 1,842	\$ 5,386
3/31/2019	1	367.879	367.88	\$19.66	\$7,233								\$ 7,233	\$ 1,848	\$ 5,384
3/31/2019	2	372.849	372.85	\$19.46	\$7,256								\$ 7,256	\$ 1,829	\$ 5,426
3/31/2019	3	378.816	378.82	\$19.58	\$7,417								\$ 7,417	\$ 1,841	\$ 5,577
3/31/2019	4	390.638	390.64	\$20.20	\$7,891								\$ 7,891	\$ 1,899	\$ 5,992
3/31/2019	5	410.296	410.3	\$20.59	\$8,448								\$ 8,448	\$ 1,935	\$ 6,513
3/31/2019	6	428.967	428.97	\$21.30	\$9,137								\$ 9,137	\$ 2,002	\$ 7,135
3/31/2019	7	442.388	442.39	\$23.61	\$10,445								\$ 10,445	\$ 2,219	\$ 8,225
3/31/2019	8	450.68	450.68	\$24.12	\$10,870								\$ 10,870	\$ 2,267	\$ 8,603
3/31/2019	9	450.723	450.72	\$24.38	\$10,989								\$ 10,989	\$ 2,292	\$ 8,697
3/31/2019	10	451.628	451.63	\$24.50	\$11,065								\$ 11,065	\$ 2,303	\$ 8,762
3/31/2019	11	448.664	448.66	\$24.63	\$11,050								\$ 11,050	\$ 2,315	\$ 8,735
3/31/2019	12	446.666	446.67	\$23.90	\$10,675								\$ 10,675	\$ 2,247	\$ 8,429
3/31/2019	13	444.913	444.91	\$23.32	\$10,375								\$ 10,375	\$ 2,192	\$ 8,183
3/31/2019	14	440.145	440.15	\$23.17	\$10,198								\$ 10,198	\$ 2,178	\$ 8,020
3/31/2019	15	436.232	436.23	\$23.58	\$10,286								\$ 10,286	\$ 2,217	\$ 8,070
3/31/2019	16	448.916	448.92	\$24.09	\$10,814								\$ 10,814	\$ 2,264	\$ 8,550
3/31/2019	17	456.539	456.54	\$26.60	\$12,144								\$ 12,144	\$ 2,500	\$ 9,644
3/31/2019	18	473.186	473.19	\$35.88	\$16,978								\$ 16,978	\$ 3,373	\$ 13,605
3/31/2019	19	500.545	500.55	\$45.91	\$22,980								\$ 22,980	\$ 4,316	\$ 18,665
3/31/2019	20	493.782	493.78	\$38.34	\$18,932								\$ 18,932	\$ 3,604	\$ 15,328
3/31/2019	21	472.225	472.23	\$29.04	\$13,714								\$ 13,714	\$ 2,730	\$ 10,984
3/31/2019	22	448.603	448.6	\$25.77	\$11,560								\$ 11,560	\$ 2,422	\$ 9,138
3/31/2019	23	432.829	432.83	\$25.43	\$11,007								\$ 11,007	\$ 2,390	\$ 8,616
4/1/2019	0	429.833	429.83	\$25.69	\$11,042								\$ 11,042	\$ 2,415	\$ 8,627
4/1/2019	1	428.807	428.81	\$25.39	\$10,887								\$ 10,887	\$ 2,387	\$ 8,501
4/1/2019	2	434.654	434.65	\$25.93	\$11,270								\$ 11,270	\$ 2,437	\$ 8,833
4/1/2019	3	449.295	449.3	\$29.41	\$13,214								\$ 13,214	\$ 2,765	\$ 10,449
4/1/2019	4	480.778	480.78	\$36.15	\$17,380								\$ 17,380	\$ 3,398	\$ 13,982
4/1/2019	5	532.889	532.89	\$57.86	\$30,833								\$ 30,833	\$ 5,439	\$ 25,394
4/1/2019	6	561.513	498.51	\$61.57	\$30,693				29	34			\$ 30,693	\$ 5,788	\$ 24,906
4/1/2019	7	549.864	547.86	\$43.12	\$23,624				1	1			\$ 23,624	\$ 4,053	\$ 19,570
4/1/2019	8	534.141	534.14	\$40.39	\$21,574								\$ 21,574	\$ 3,797	\$ 17,777
4/1/2019	9	520.434	520.43	\$36.55	\$19,022								\$ 19,022	\$ 3,436	\$ 15,586
4/1/2019	10	510.237	510.24	\$35.61	\$18,170								\$ 18,170	\$ 3,347	\$ 14,822
4/1/2019	11	497.25	497.25	\$30.41	\$15,121								\$ 15,121	\$ 2,859	\$ 12,263
4/1/2019	12	488.429	488.43	\$29.04	\$14,184								\$ 14,184	\$ 2,730	\$ 11,454
4/1/2019	13	477.881	477.88	\$26.38	\$12,606								\$ 12,606	\$ 2,480	\$ 10,127
4/1/2019	14	469.267	469.27	\$25.91	\$12,159								\$ 12,159	\$ 2,436	\$ 9,723
4/1/2019	15	457.607	457.61	\$26.19	\$11,985								\$ 11,985	\$ 2,462	\$ 9,523
4/1/2019	16	452.742	452.74	\$27.11	\$12,274								\$ 12,274	\$ 2,548	\$ 9,725
4/1/2019	17	453.401	453.4	\$28.17	\$12,772								\$ 12,772	\$ 2,648	\$ 10,124
4/1/2019	18	465.099	465.1	\$40.01	\$18,609								\$ 18,609	\$ 3,761	\$ 14,848
4/1/2019	19	492.523	492.52	\$45.13	\$22,227								\$ 22,227	\$ 4,242	\$ 17,985
4/1/2019	20	488.456	488.46	\$34.34	\$16,774								\$ 16,774	\$ 3,228	\$ 13,546
4/1/2019	21	470.919	470.92	\$28.28	\$13,318								\$ 13,318	\$ 2,658	\$ 10,659
4/1/2019	22	450.184	450.18	\$25.44	\$11,453								\$ 11,453	\$ 2,391	\$ 9,061
4/1/2019	23	435.411	435.41	\$23.99	\$10,445								\$ 10,445	\$ 2,255	\$ 8,190

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)			
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6		
4/2/2019	0	428.645	428.65	\$23.71	\$10,163							\$	10,163	\$	2,229	\$	7,935
4/2/2019	1	424.951	424.95	\$23.69	\$10,067							\$	10,067	\$	2,227	\$	7,840
4/2/2019	2	425.965	425.97	\$24.13	\$10,279							\$	10,279	\$	2,268	\$	8,010
4/2/2019	3	438.704	438.7	\$25.12	\$11,020							\$	11,020	\$	2,361	\$	8,659
4/2/2019	4	465.284	464.28	\$30.01	\$13,933					1		\$	13,933	\$	2,821	\$	11,112
4/2/2019	5	510.523	501.52	\$48.58	\$24,364				5	4		\$	24,364	\$	4,567	\$	19,797
4/2/2019	6	536.428	519.43	\$47.01	\$24,418				8	9		\$	24,418	\$	4,419	\$	19,999
4/2/2019	7	536.611	499.61	\$35.74	\$17,856				19	18		\$	17,856	\$	3,360	\$	14,497
4/2/2019	8	526.884	437.88	\$35.14	\$15,387				43	46		\$	15,387	\$	3,303	\$	12,084
4/2/2019	9	508.92	448.92	\$34.05	\$15,286				31	29		\$	15,286	\$	3,201	\$	12,085
4/2/2019	10	487.945	412.95	\$32.72	\$13,512				38	37		\$	13,512	\$	3,076	\$	10,436
4/2/2019	11	472.067	440.07	\$29.74	\$13,088				16	16		\$	13,088	\$	2,796	\$	10,292
4/2/2019	12	461.184	452.18	\$27.73	\$12,539				5	4		\$	12,539	\$	2,607	\$	9,932
4/2/2019	13	454.411	454.41	\$26.37	\$11,983							\$	11,983	\$	2,479	\$	9,504
4/2/2019	14	446.558	446.56	\$25.08	\$11,200							\$	11,200	\$	2,358	\$	8,842
4/2/2019	15	442.72	442.72	\$25.07	\$11,099							\$	11,099	\$	2,357	\$	8,742
4/2/2019	16	441.785	441.79	\$25.06	\$11,071							\$	11,071	\$	2,356	\$	8,716
4/2/2019	17	439.887	439.89	\$25.55	\$11,239							\$	11,239	\$	2,402	\$	8,837
4/2/2019	18	446.841	446.84	\$31.95	\$14,277							\$	14,277	\$	3,003	\$	11,273
4/2/2019	19	470.44	470.44	\$37.65	\$17,712							\$	17,712	\$	3,539	\$	14,173
4/2/2019	20	465.564	465.56	\$28.86	\$13,436							\$	13,436	\$	2,713	\$	10,723
4/2/2019	21	443.942	443.94	\$24.44	\$10,850							\$	10,850	\$	2,297	\$	8,553
4/2/2019	22	415.46	415.46	\$22.55	\$9,369							\$	9,369	\$	2,120	\$	7,249
4/2/2019	23	399.684	399.68	\$22.84	\$9,129							\$	9,129	\$	2,147	\$	6,982
4/3/2019	0	391.751	391.75	\$22.80	\$8,932							\$	8,932	\$	2,143	\$	6,789
4/3/2019	1	387.676	387.68	\$22.72	\$8,808							\$	8,808	\$	2,136	\$	6,672
4/3/2019	2	387.698	387.7	\$22.68	\$8,793							\$	8,793	\$	2,132	\$	6,661
4/3/2019	3	398.675	398.68	\$22.92	\$9,138							\$	9,138	\$	2,154	\$	6,983
4/3/2019	4	425.279	425.28	\$27.56	\$11,721							\$	11,721	\$	2,591	\$	9,130
4/3/2019	5	471.682	470.68	\$35.30	\$16,615				1			\$	16,615	\$	3,318	\$	13,297
4/3/2019	6	497.497	407.5	\$37.50	\$15,281				46	44		\$	15,281	\$	3,525	\$	11,756
4/3/2019	7	489.669	441.67	\$34.10	\$15,061				24	24		\$	15,061	\$	3,205	\$	11,856
4/3/2019	8	471.898	471.9	\$31.37	\$14,804							\$	14,804	\$	2,949	\$	11,855
4/3/2019	9	464.991	464.99	\$28.60	\$13,299							\$	13,299	\$	2,688	\$	10,610
4/3/2019	10	458.003	458	\$26.72	\$12,238							\$	12,238	\$	2,512	\$	9,726
4/3/2019	11	453.995	454	\$24.94	\$11,323							\$	11,323	\$	2,344	\$	8,978
4/3/2019	12	451.069	451.07	\$24.48	\$11,042							\$	11,042	\$	2,301	\$	8,741
4/3/2019	13	448.205	448.21	\$23.75	\$10,645							\$	10,645	\$	2,233	\$	8,412
4/3/2019	14	448.286	448.29	\$23.11	\$10,360							\$	10,360	\$	2,172	\$	8,188
4/3/2019	15	445.383	445.38	\$22.95	\$10,221							\$	10,221	\$	2,157	\$	8,064
4/3/2019	16	440.482	440.48	\$23.20	\$10,219							\$	10,219	\$	2,181	\$	8,038
4/3/2019	17	440.484	440.48	\$23.60	\$10,395							\$	10,395	\$	2,218	\$	8,177
4/3/2019	18	445.159	445.16	\$27.82	\$12,384							\$	12,384	\$	2,615	\$	9,769
4/3/2019	19	461.789	461.79	\$32.40	\$14,962							\$	14,962	\$	3,046	\$	11,916
4/3/2019	20	454.02	454.02	\$25.63	\$11,637							\$	11,637	\$	2,409	\$	9,227
4/3/2019	21	428.338	428.34	\$23.09	\$9,890							\$	9,890	\$	2,170	\$	7,720
4/3/2019	22	402.033	402.03	\$22.18	\$8,917							\$	8,917	\$	2,085	\$	6,832
4/3/2019	23	385.261	385.26	\$22.12	\$8,522							\$	8,522	\$	2,079	\$	6,443
4/4/2019	0	375.517	375.52	\$22.13	\$8,310							\$	8,310	\$	2,080	\$	6,230
4/4/2019	1	367.584	367.58	\$21.99	\$8,083							\$	8,083	\$	2,067	\$	6,016
4/4/2019	2	366.487	366.49	\$22.48	\$8,239							\$	8,239	\$	2,113	\$	6,126
4/4/2019	3	375.297	375.3	\$23.22	\$8,714							\$	8,714	\$	2,183	\$	6,532
4/4/2019	4	395.789	395.79	\$24.43	\$9,669							\$	9,669	\$	2,296	\$	7,373
4/4/2019	5	440.92	440.92	\$34.69	\$15,296							\$	15,296	\$	3,261	\$	12,035
4/4/2019	6	465.513	465.51	\$35.65	\$16,595							\$	16,595	\$	3,351	\$	13,244
4/4/2019	7	470.369	470.37	\$33.06	\$15,550							\$	15,550	\$	3,108	\$	12,443



Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)				
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6			
4/4/2019	8	464.06	464.06	\$33.10	\$15,360								\$	15,360	\$	3,111	\$	12,249
4/4/2019	9	455.174	455.17	\$31.67	\$14,415								\$	14,415	\$	2,977	\$	11,438
4/4/2019	10	451.394	451.39	\$28.14	\$12,702								\$	12,702	\$	2,645	\$	10,057
4/4/2019	11	447.868	447.87	\$30.11	\$13,485								\$	13,485	\$	2,830	\$	10,655
4/4/2019	12	446.889	446.89	\$29.09	\$13,000								\$	13,000	\$	2,734	\$	10,266
4/4/2019	13	445.91	445.91	\$27.19	\$12,124								\$	12,124	\$	2,556	\$	9,568
4/4/2019	14	441.974	441.97	\$25.64	\$11,332								\$	11,332	\$	2,410	\$	8,922
4/4/2019	15	436.028	436.03	\$25.87	\$11,280								\$	11,280	\$	2,432	\$	8,848
4/4/2019	16	434.035	434.04	\$25.82	\$11,207								\$	11,207	\$	2,427	\$	8,780
4/4/2019	17	432.894	432.89	\$25.10	\$10,866								\$	10,866	\$	2,359	\$	8,506
4/4/2019	18	438.535	431.54	\$30.00	\$12,946		7						\$	12,946	\$	2,820	\$	10,126
4/4/2019	19	456.25	455.25	\$31.54	\$14,359	1							\$	14,359	\$	2,965	\$	11,394
4/4/2019	20	448.651	448.65	\$27.99	\$12,558								\$	12,558	\$	2,631	\$	9,927
4/4/2019	21	421.185	421.19	\$23.77	\$10,012								\$	10,012	\$	2,234	\$	7,777
4/4/2019	22	390.986	390.99	\$22.72	\$8,883								\$	8,883	\$	2,136	\$	6,748
4/4/2019	23	372.291	372.29	\$23.39	\$8,708								\$	8,708	\$	2,199	\$	6,509
4/5/2019	0	358.459	358.46	\$22.65	\$8,119								\$	8,119	\$	2,129	\$	5,990
4/5/2019	1	347.737	347.74	\$22.50	\$7,824								\$	7,824	\$	2,115	\$	5,709
4/5/2019	2	344.816	344.82	\$22.52	\$7,765								\$	7,765	\$	2,117	\$	5,648
4/5/2019	3	353.674	353.67	\$23.19	\$8,202								\$	8,202	\$	2,180	\$	6,022
4/5/2019	4	375.299	375.3	\$24.73	\$9,281								\$	9,281	\$	2,325	\$	6,957
4/5/2019	5	414.474	414.47	\$35.80	\$14,838								\$	14,838	\$	3,365	\$	11,473
4/5/2019	6	444.342	414.34	\$38.72	\$16,043				15	15			\$	16,043	\$	3,640	\$	12,404
4/5/2019	7	452.312	452.31	\$38.57	\$17,446								\$	17,446	\$	3,626	\$	13,820
4/5/2019	8	458.145	458.15	\$39.96	\$18,308								\$	18,308	\$	3,756	\$	14,551
4/5/2019	9	462.109	461.11	\$41.13	\$18,965		1						\$	18,965	\$	3,866	\$	15,099
4/5/2019	10	460.904	391.9	\$39.16	\$15,347		69						\$	15,347	\$	3,681	\$	11,666
4/5/2019	11	458.521	377.52	\$39.19	\$14,795		81						\$	14,795	\$	3,684	\$	11,111
4/5/2019	12	453.471	373.47	\$38.70	\$14,453		80						\$	14,453	\$	3,638	\$	10,815
4/5/2019	13	449.515	372.52	\$36.70	\$13,671		77						\$	13,671	\$	3,450	\$	10,222
4/5/2019	14	442.39	385.39	\$34.80	\$13,412		57						\$	13,412	\$	3,271	\$	10,140
4/5/2019	15	433.458	428.46	\$32.94	\$14,113		5						\$	14,113	\$	3,096	\$	11,017
4/5/2019	16	429.531	429.53	\$32.43	\$13,930								\$	13,930	\$	3,048	\$	10,881
4/5/2019	17	423.668	423.67	\$28.92	\$12,253								\$	12,253	\$	2,718	\$	9,534
4/5/2019	18	421.787	421.79	\$34.78	\$14,670								\$	14,670	\$	3,269	\$	11,401
4/5/2019	19	435.526	435.53	\$37.15	\$16,180								\$	16,180	\$	3,492	\$	12,688
4/5/2019	20	428.68	428.68	\$31.91	\$13,679								\$	13,679	\$	3,000	\$	10,680
4/5/2019	21	411.032	411.03	\$26.85	\$11,036								\$	11,036	\$	2,524	\$	8,512
4/5/2019	22	385.544	385.54	\$24.63	\$9,496								\$	9,496	\$	2,315	\$	7,181
4/5/2019	23	366.869	366.87	\$23.99	\$8,801								\$	8,801	\$	2,255	\$	6,546
4/6/2019	0	351.072	351.07	\$23.00	\$8,075								\$	8,075	\$	2,162	\$	5,913
4/6/2019	1	342.163	342.16	\$22.03	\$7,538								\$	7,538	\$	2,071	\$	5,467
4/6/2019	2	337.277	337.28	\$21.53	\$7,262								\$	7,262	\$	2,024	\$	5,238
4/6/2019	3	338.3	338.3	\$20.85	\$7,054								\$	7,054	\$	1,960	\$	5,094
4/6/2019	4	345.114	345.11	\$22.42	\$7,737								\$	7,737	\$	2,107	\$	5,630
4/6/2019	5	356.936	356.94	\$23.96	\$8,552								\$	8,552	\$	2,252	\$	6,300
4/6/2019	6	372.695	372.7	\$26.09	\$9,724								\$	9,724	\$	2,452	\$	7,271
4/6/2019	7	387.434	387.43	\$27.63	\$10,705								\$	10,705	\$	2,597	\$	8,107
4/6/2019	8	400.273	400.27	\$30.32	\$12,136								\$	12,136	\$	2,850	\$	9,286
4/6/2019	9	404.237	404.24	\$29.53	\$11,937								\$	11,937	\$	2,776	\$	9,161
4/6/2019	10	401.3	401.3	\$27.86	\$11,180								\$	11,180	\$	2,619	\$	8,561
4/6/2019	11	393.473	393.47	\$25.81	\$10,155								\$	10,155	\$	2,426	\$	7,729
4/6/2019	12	391.581	391.58	\$25.08	\$9,821								\$	9,821	\$	2,358	\$	7,463
4/6/2019	13	386.649	386.65	\$24.43	\$9,446								\$	9,446	\$	2,296	\$	7,149
4/6/2019	14	384.703	384.7	\$23.89	\$9,190								\$	9,190	\$	2,246	\$	6,945
4/6/2019	15	384.6	384.6	\$24.14	\$9,284								\$	9,284	\$	2,269	\$	7,015

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
							East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5			
4/6/2019	16	385.483	385.48	\$24.08	\$9,282								\$ 9,282	\$ 2,264	\$ 7,019
4/6/2019	17	386.527	386.53	\$24.33	\$9,404								\$ 9,404	\$ 2,287	\$ 7,117
4/6/2019	18	384.533	384.53	\$27.90	\$10,728								\$ 10,728	\$ 2,623	\$ 8,106
4/6/2019	19	399.179	399.18	\$29.00	\$11,576								\$ 11,576	\$ 2,726	\$ 8,850
4/6/2019	20	394.254	394.25	\$25.79	\$10,168								\$ 10,168	\$ 2,424	\$ 7,743
4/6/2019	21	374.51	374.51	\$23.17	\$8,677								\$ 8,677	\$ 2,178	\$ 6,499
4/6/2019	22	351.835	351.84	\$20.78	\$7,311								\$ 7,311	\$ 1,953	\$ 5,358
4/6/2019	23	331.037	331.04	\$21.31	\$7,054								\$ 7,054	\$ 2,003	\$ 5,051
4/7/2019	0	318.218	318.22	\$20.18	\$6,422								\$ 6,422	\$ 1,897	\$ 4,525
4/7/2019	1	311.262	311.26	\$20.11	\$6,259								\$ 6,259	\$ 1,890	\$ 4,369
4/7/2019	2	306.312	306.31	\$18.99	\$5,817								\$ 5,817	\$ 1,785	\$ 4,032
4/7/2019	3	310.14	310.14	\$19.40	\$6,017								\$ 6,017	\$ 1,824	\$ 4,193
4/7/2019	4	316.112	316.11	\$19.97	\$6,313								\$ 6,313	\$ 1,877	\$ 4,436
4/7/2019	5	328.932	328.93	\$20.90	\$6,875								\$ 6,875	\$ 1,965	\$ 4,910
4/7/2019	6	339.878	339.88	\$21.45	\$7,290								\$ 7,290	\$ 2,016	\$ 5,274
4/7/2019	7	356.721	345.72	\$22.90	\$7,917		11						\$ 7,917	\$ 2,153	\$ 5,764
4/7/2019	8	371.67	290.67	\$24.90	\$7,238		81						\$ 7,238	\$ 2,341	\$ 4,897
4/7/2019	9	384.588	303.59	\$24.75	\$7,514		81						\$ 7,514	\$ 2,327	\$ 5,187
4/7/2019	10	391.534	333.53	\$25.27	\$8,428		58						\$ 8,428	\$ 2,375	\$ 6,053
4/7/2019	11	395.471	394.47	\$25.05	\$9,881		1						\$ 9,881	\$ 2,355	\$ 7,527
4/7/2019	12	397.364	397.36	\$24.78	\$9,847								\$ 9,847	\$ 2,329	\$ 7,517
4/7/2019	13	396.208	396.21	\$24.86	\$9,850								\$ 9,850	\$ 2,337	\$ 7,513
4/7/2019	14	397.156	397.16	\$24.15	\$9,591								\$ 9,591	\$ 2,270	\$ 7,321
4/7/2019	15	403.957	403.96	\$25.03	\$10,111								\$ 10,111	\$ 2,353	\$ 7,758
4/7/2019	16	414.607	414.61	\$25.47	\$10,560								\$ 10,560	\$ 2,394	\$ 8,166
4/7/2019	17	415.675	415.68	\$25.39	\$10,554								\$ 10,554	\$ 2,387	\$ 8,167
4/7/2019	18	415.645	415.65	\$30.29	\$12,590								\$ 12,590	\$ 2,847	\$ 9,743
4/7/2019	19	423.576	423.58	\$37.29	\$15,795								\$ 15,795	\$ 3,505	\$ 12,290
4/7/2019	20	415.946	415.95	\$29.41	\$12,233								\$ 12,233	\$ 2,765	\$ 9,469
4/7/2019	21	392.356	392.36	\$24.24	\$9,511								\$ 9,511	\$ 2,279	\$ 7,232
4/7/2019	22	364.917	364.92	\$22.85	\$8,338								\$ 8,338	\$ 2,148	\$ 6,191
4/7/2019	23	343.266	343.27	\$21.82	\$7,490								\$ 7,490	\$ 2,051	\$ 5,439
4/8/2019	0	333.436	333.44	\$20.53	\$6,846								\$ 6,846	\$ 1,930	\$ 4,916
4/8/2019	1	326.516	326.52	\$20.44	\$6,674								\$ 6,674	\$ 1,921	\$ 4,753
4/8/2019	2	326.49	326.49	\$20.22	\$6,602								\$ 6,602	\$ 1,901	\$ 4,701
4/8/2019	3	337.292	337.29	\$20.35	\$6,864								\$ 6,864	\$ 1,913	\$ 4,951
4/8/2019	4	358.893	358.89	\$23.43	\$8,409								\$ 8,409	\$ 2,202	\$ 6,206
4/8/2019	5	405.124	405.12	\$32.92	\$13,337								\$ 13,337	\$ 3,094	\$ 10,242
4/8/2019	6	430.812	430.81	\$26.74	\$11,520								\$ 11,520	\$ 2,514	\$ 9,006
4/8/2019	7	439.629	439.63	\$35.94	\$15,800								\$ 15,800	\$ 3,378	\$ 12,422
4/8/2019	8	448.301	448.3	\$38.04	\$17,053								\$ 17,053	\$ 3,576	\$ 13,478
4/8/2019	9	459.125	459.13	\$38.69	\$17,764								\$ 17,764	\$ 3,637	\$ 14,127
4/8/2019	10	460.976	460.98	\$39.70	\$18,301								\$ 18,301	\$ 3,732	\$ 14,569
4/8/2019	11	461.915	461.92	\$42.79	\$19,766								\$ 19,766	\$ 4,022	\$ 15,743
4/8/2019	12	458.053	458.05	\$42.64	\$19,531								\$ 19,531	\$ 4,008	\$ 15,523
4/8/2019	13	457.127	457.13	\$40.91	\$18,701								\$ 18,701	\$ 3,846	\$ 14,856
4/8/2019	14	455.855	455.86	\$38.33	\$17,473								\$ 17,473	\$ 3,603	\$ 13,870
4/8/2019	15	453.753	453.75	\$39.63	\$17,982								\$ 17,982	\$ 3,725	\$ 14,257
4/8/2019	16	454.65	454.65	\$38.81	\$17,645								\$ 17,645	\$ 3,648	\$ 13,997
4/8/2019	17	453.741	453.74	\$39.47	\$17,909								\$ 17,909	\$ 3,710	\$ 14,199
4/8/2019	18	452.744	452.74	\$41.80	\$18,925								\$ 18,925	\$ 3,929	\$ 14,995
4/8/2019	19	467.411	467.41	\$40.94	\$19,136								\$ 19,136	\$ 3,848	\$ 15,287
4/8/2019	20	457.659	457.66	\$37.44	\$17,135								\$ 17,135	\$ 3,519	\$ 13,615
4/8/2019	21	428.399	428.4	\$27.79	\$11,905								\$ 11,905	\$ 2,612	\$ 9,293
4/8/2019	22	394.898	394.9	\$24.20	\$9,557								\$ 9,557	\$ 2,275	\$ 7,282
4/8/2019	23	374.141	374.14	\$21.89	\$8,190								\$ 8,190	\$ 2,058	\$ 6,132

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)			
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6		
4/9/2019	0	357.309	357.31	\$20.35	\$7,271							\$	7,271	\$	1,913	\$	5,358
4/9/2019	1	345.476	345.48	\$19.37	\$6,692							\$	6,692	\$	1,821	\$	4,871
4/9/2019	2	341.62	341.62	\$19.35	\$6,610							\$	6,610	\$	1,819	\$	4,791
4/9/2019	3	347.571	347.57	\$19.66	\$6,833							\$	6,833	\$	1,848	\$	4,985
4/9/2019	4	366.188	366.19	\$23.51	\$8,609							\$	8,609	\$	2,210	\$	6,399
4/9/2019	5	411.343	411.34	\$32.55	\$13,389							\$	13,389	\$	3,060	\$	10,329
4/9/2019	6	432.203	432.2	\$33.95	\$14,673							\$	14,673	\$	3,191	\$	11,482
4/9/2019	7	439.949	439.95	\$30.65	\$13,484							\$	13,484	\$	2,881	\$	10,603
4/9/2019	8	443.987	443.99	\$30.70	\$13,630							\$	13,630	\$	2,886	\$	10,745
4/9/2019	9	448.814	448.81	\$32.52	\$14,595							\$	14,595	\$	3,057	\$	11,538
4/9/2019	10	449.832	449.83	\$31.93	\$14,363							\$	14,363	\$	3,001	\$	11,362
4/9/2019	11	452.875	452.88	\$33.09	\$14,986							\$	14,986	\$	3,110	\$	11,875
4/9/2019	12	456.806	456.81	\$33.85	\$15,463							\$	15,463	\$	3,182	\$	12,281
4/9/2019	13	458.842	410.84	\$33.08	\$13,591						48	\$	13,591	\$	3,110	\$	10,481
4/9/2019	14	459.646	446.65	\$34.50	\$15,409						13	\$	15,409	\$	3,243	\$	12,166
4/9/2019	15	456.374	456.37	\$32.34	\$14,759							\$	14,759	\$	3,040	\$	11,719
4/9/2019	16	453.155	453.16	\$31.97	\$14,488							\$	14,488	\$	3,005	\$	11,482
4/9/2019	17	454.388	454.39	\$30.74	\$13,968							\$	13,968	\$	2,890	\$	11,078
4/9/2019	18	453.666	453.67	\$32.76	\$14,862							\$	14,862	\$	3,079	\$	11,783
4/9/2019	19	463.401	463.4	\$39.96	\$18,517							\$	18,517	\$	3,756	\$	14,761
4/9/2019	20	454.63	454.63	\$34.82	\$15,830							\$	15,830	\$	3,273	\$	12,557
4/9/2019	21	424.264	424.26	\$25.55	\$10,840							\$	10,840	\$	2,402	\$	8,438
4/9/2019	22	392.793	392.79	\$22.99	\$9,030							\$	9,030	\$	2,161	\$	6,869
4/9/2019	23	369.099	369.1	\$21.53	\$7,947							\$	7,947	\$	2,024	\$	5,923
4/10/2019	0	355.352	355.35	\$20.54	\$7,299							\$	7,299	\$	1,931	\$	5,368
4/10/2019	1	344.419	344.42	\$19.94	\$6,868							\$	6,868	\$	1,874	\$	4,993
4/10/2019	2	342.357	342.36	\$19.83	\$6,789							\$	6,789	\$	1,864	\$	4,925
4/10/2019	3	347.281	347.28	\$20.60	\$7,154							\$	7,154	\$	1,936	\$	5,218
4/10/2019	4	371.971	371.97	\$23.15	\$8,611							\$	8,611	\$	2,176	\$	6,435
4/10/2019	5	418.252	418.25	\$37.78	\$15,801							\$	15,801	\$	3,551	\$	12,250
4/10/2019	6	439.842	439.84	\$34.80	\$15,306							\$	15,306	\$	3,271	\$	12,035
4/10/2019	7	449.66	449.66	\$30.66	\$13,787							\$	13,787	\$	2,882	\$	10,905
4/10/2019	8	449.681	449.68	\$29.34	\$13,194							\$	13,194	\$	2,758	\$	10,436
4/10/2019	9	446.858	446.86	\$29.27	\$13,080							\$	13,080	\$	2,751	\$	10,328
4/10/2019	10	445.745	445.75	\$29.20	\$13,016							\$	13,016	\$	2,745	\$	10,271
4/10/2019	11	447.654	447.65	\$28.65	\$12,825							\$	12,825	\$	2,693	\$	10,132
4/10/2019	12	449.543	427.54	\$28.68	\$12,262						22	\$	12,262	\$	2,696	\$	9,566
4/10/2019	13	450.615	380.62	\$27.53	\$10,478						70	\$	10,478	\$	2,588	\$	7,891
4/10/2019	14	448.597	367.6	\$26.96	\$9,910						81	\$	9,910	\$	2,534	\$	7,376
4/10/2019	15	440.571	396.57	\$26.42	\$10,477						44	\$	10,477	\$	2,483	\$	7,994
4/10/2019	16	442.479	442.48	\$27.38	\$12,115							\$	12,115	\$	2,574	\$	9,541
4/10/2019	17	441.344	441.34	\$27.12	\$11,969							\$	11,969	\$	2,549	\$	9,420
4/10/2019	18	440.212	440.21	\$30.32	\$13,347							\$	13,347	\$	2,850	\$	10,497
4/10/2019	19	454.805	454.81	\$34.99	\$15,914							\$	15,914	\$	3,289	\$	12,625
4/10/2019	20	448	448	\$28.96	\$12,974							\$	12,974	\$	2,722	\$	10,252
4/10/2019	21	419.822	419.82	\$24.31	\$10,206							\$	10,206	\$	2,285	\$	7,921
4/10/2019	22	388.293	388.29	\$21.59	\$8,383							\$	8,383	\$	2,029	\$	6,354
4/10/2019	23	367.698	367.7	\$19.61	\$7,211							\$	7,211	\$	1,843	\$	5,367
4/11/2019	0	353.003	353	\$19.39	\$6,845							\$	6,845	\$	1,823	\$	5,022
4/11/2019	1	343.305	343.31	\$19.40	\$6,660							\$	6,660	\$	1,824	\$	4,837
4/11/2019	2	340.359	340.36	\$19.43	\$6,613							\$	6,613	\$	1,826	\$	4,787
4/11/2019	3	346.266	346.27	\$20.03	\$6,936							\$	6,936	\$	1,883	\$	5,053
4/11/2019	4	368.794	368.79	\$21.99	\$8,110							\$	8,110	\$	2,067	\$	6,043
4/11/2019	5	411.997	412	\$30.96	\$12,756							\$	12,756	\$	2,910	\$	9,845
4/11/2019	6	441.577	441.58	\$29.99	\$13,243							\$	13,243	\$	2,819	\$	10,424
4/11/2019	7	446.471	433.47	\$27.37	\$11,864						13	\$	11,864	\$	2,573	\$	9,291

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)	
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6
4/11/2019	8	443.607	364.61	\$27.39	\$9,987		79						\$ 9,987	\$ 2,575	\$ 7,412
4/11/2019	9	450.454	368.45	\$27.45	\$10,114		82						\$ 10,114	\$ 2,580	\$ 7,534
4/11/2019	10	454.494	373.49	\$26.86	\$10,032		81						\$ 10,032	\$ 2,525	\$ 7,507
4/11/2019	11	460.325	381.33	\$27.67	\$10,551		79						\$ 10,551	\$ 2,601	\$ 7,950
4/11/2019	12	465.209	394.21	\$28.10	\$11,077		71						\$ 11,077	\$ 2,641	\$ 8,436
4/11/2019	13	478.418	405.42	\$27.36	\$11,092		73						\$ 11,092	\$ 2,572	\$ 8,520
4/11/2019	14	481.48	409.48	\$27.01	\$11,060		72						\$ 11,060	\$ 2,539	\$ 8,521
4/11/2019	15	478.53	410.53	\$26.64	\$10,937		68						\$ 10,937	\$ 2,504	\$ 8,432
4/11/2019	16	476.345	411.35	\$26.71	\$10,987		65						\$ 10,987	\$ 2,511	\$ 8,476
4/11/2019	17	471.32	408.32	\$26.12	\$10,665		63						\$ 10,665	\$ 2,455	\$ 8,210
4/11/2019	18	470.339	407.34	\$27.80	\$11,324		63						\$ 11,324	\$ 2,613	\$ 8,711
4/11/2019	19	484.912	429.91	\$30.58	\$13,147		55						\$ 13,147	\$ 2,875	\$ 10,272
4/11/2019	20	478.199	423.2	\$27.22	\$11,520		55						\$ 11,520	\$ 2,559	\$ 8,961
4/11/2019	21	449.053	394.05	\$22.08	\$8,701		55						\$ 8,701	\$ 2,076	\$ 6,625
4/11/2019	22	415.641	399.64	\$19.49	\$7,789		16						\$ 7,789	\$ 1,832	\$ 5,957
4/11/2019	23	392.884	392.88	\$19.19	\$7,539								\$ 7,539	\$ 1,804	\$ 5,736
4/12/2019	0	376.427	376.43	\$19.17	\$7,216								\$ 7,216	\$ 1,802	\$ 5,414
4/12/2019	1	361.697	361.7	\$19.21	\$6,948								\$ 6,948	\$ 1,806	\$ 5,143
4/12/2019	2	354.865	354.87	\$19.06	\$6,764								\$ 6,764	\$ 1,792	\$ 4,972
4/12/2019	3	357.907	357.91	\$19.25	\$6,890								\$ 6,890	\$ 1,810	\$ 5,080
4/12/2019	4	376.461	376.46	\$20.65	\$7,774								\$ 7,774	\$ 1,941	\$ 5,833
4/12/2019	5	415.474	415.47	\$27.35	\$11,363								\$ 11,363	\$ 2,571	\$ 8,792
4/12/2019	6	429.922	429.92	\$27.08	\$11,642								\$ 11,642	\$ 2,546	\$ 9,097
4/12/2019	7	431.776	431.78	\$27.73	\$11,973								\$ 11,973	\$ 2,607	\$ 9,367
4/12/2019	8	444.755	444.76	\$27.45	\$12,209								\$ 12,209	\$ 2,580	\$ 9,628
4/12/2019	9	449.576	449.58	\$28.88	\$12,984								\$ 12,984	\$ 2,715	\$ 10,269
4/12/2019	10	450.713	450.71	\$28.56	\$12,872								\$ 12,872	\$ 2,685	\$ 10,188
4/12/2019	11	445.79	445.79	\$27.57	\$12,290								\$ 12,290	\$ 2,592	\$ 9,699
4/12/2019	12	444.802	444.8	\$28.89	\$12,850								\$ 12,850	\$ 2,716	\$ 10,135
4/12/2019	13	441.907	441.91	\$26.47	\$11,697								\$ 11,697	\$ 2,488	\$ 9,209
4/12/2019	14	436.914	436.91	\$26.15	\$11,425								\$ 11,425	\$ 2,458	\$ 8,967
4/12/2019	15	432.96	432.96	\$25.95	\$11,235								\$ 11,235	\$ 2,439	\$ 8,796
4/12/2019	16	423.042	423.04	\$26.29	\$11,122								\$ 11,122	\$ 2,471	\$ 8,650
4/12/2019	17	414.274	414.27	\$24.80	\$10,274								\$ 10,274	\$ 2,331	\$ 7,943
4/12/2019	18	411.446	411.45	\$26.34	\$10,838								\$ 10,838	\$ 2,476	\$ 8,362
4/12/2019	19	420.372	420.37	\$27.78	\$11,678								\$ 11,678	\$ 2,611	\$ 9,067
4/12/2019	20	415.474	415.47	\$26.32	\$10,935								\$ 10,935	\$ 2,474	\$ 8,461
4/12/2019	21	394.9	394.9	\$23.36	\$9,225								\$ 9,225	\$ 2,196	\$ 7,029
4/12/2019	22	369.435	369.44	\$21.30	\$7,869								\$ 7,869	\$ 2,002	\$ 5,867
4/12/2019	23	347.76	347.76	\$20.16	\$7,011								\$ 7,011	\$ 1,895	\$ 5,116
4/13/2019	0	333.108	333.11	\$20.10	\$6,696								\$ 6,696	\$ 1,889	\$ 4,806
4/13/2019	1	322.304	322.3	\$19.33	\$6,230								\$ 6,230	\$ 1,817	\$ 4,413
4/13/2019	2	317.393	317.39	\$19.49	\$6,186								\$ 6,186	\$ 1,832	\$ 4,354
4/13/2019	3	317.415	317.42	\$20.05	\$6,364								\$ 6,364	\$ 1,885	\$ 4,480
4/13/2019	4	324.349	324.35	\$20.72	\$6,721								\$ 6,721	\$ 1,948	\$ 4,773
4/13/2019	5	339.124	339.12	\$21.26	\$7,210								\$ 7,210	\$ 1,998	\$ 5,211
4/13/2019	6	353.794	353.79	\$22.67	\$8,020								\$ 8,020	\$ 2,131	\$ 5,889
4/13/2019	7	371.236	371.24	\$24.43	\$9,069								\$ 9,069	\$ 2,296	\$ 6,773
4/13/2019	8	384.034	384.03	\$26.10	\$10,023								\$ 10,023	\$ 2,453	\$ 7,570
4/13/2019	9	392.628	392.63	\$26.75	\$10,503								\$ 10,503	\$ 2,515	\$ 7,988
4/13/2019	10	388.474	387.47	\$27.45	\$10,636								\$ 10,636	\$ 2,580	\$ 8,056
4/13/2019	11	383.533	383.53	\$26.13	\$10,022								\$ 10,022	\$ 2,456	\$ 7,565
4/13/2019	12	379.522	379.52	\$24.64	\$9,351								\$ 9,351	\$ 2,316	\$ 7,035
4/13/2019	13	374.61	374.61	\$24.46	\$9,163								\$ 9,163	\$ 2,299	\$ 6,864
4/13/2019	14	371.744	371.74	\$24.73	\$9,193								\$ 9,193	\$ 2,325	\$ 6,869
4/13/2019	15	374.516	374.52	\$26.49	\$9,921								\$ 9,921	\$ 2,490	\$ 7,431

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)			
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6		
4/13/2019	16	376.524	376.52	\$26.18	\$9,857							\$	9,857	\$	2,461	\$	7,396
4/13/2019	17	375.481	375.48	\$25.47	\$9,563							\$	9,563	\$	2,394	\$	7,169
4/13/2019	18	376.492	376.49	\$26.71	\$10,056							\$	10,056	\$	2,511	\$	7,545
4/13/2019	19	389.311	389.31	\$29.90	\$11,640							\$	11,640	\$	2,811	\$	8,830
4/13/2019	20	384.302	384.3	\$27.50	\$10,568							\$	10,568	\$	2,585	\$	7,983
4/13/2019	21	367.777	367.78	\$23.39	\$8,602							\$	8,602	\$	2,199	\$	6,404
4/13/2019	22	345.469	345.47	\$21.89	\$7,562							\$	7,562	\$	2,058	\$	5,505
4/13/2019	23	326.786	326.79	\$19.31	\$6,310							\$	6,310	\$	1,815	\$	4,495
4/14/2019	0	313.996	314	\$19.31	\$6,063							\$	6,063	\$	1,815	\$	4,248
4/14/2019	1	304.15	304.15	\$19.32	\$5,876							\$	5,876	\$	1,816	\$	4,060
4/14/2019	2	300.154	300.15	\$19.10	\$5,733							\$	5,733	\$	1,795	\$	3,937
4/14/2019	3	302.1	302.1	\$19.02	\$5,746							\$	5,746	\$	1,788	\$	3,958
4/14/2019	4	308.1	308.1	\$19.18	\$5,909							\$	5,909	\$	1,803	\$	4,106
4/14/2019	5	317.964	317.96	\$18.82	\$5,984							\$	5,984	\$	1,769	\$	4,215
4/14/2019	6	335.708	335.71	\$19.63	\$6,590							\$	6,590	\$	1,845	\$	4,745
4/14/2019	7	350.287	350.29	\$20.33	\$7,121							\$	7,121	\$	1,911	\$	5,210
4/14/2019	8	365.958	365.96	\$22.40	\$8,198							\$	8,198	\$	2,106	\$	6,092
4/14/2019	9	374.758	374.76	\$23.03	\$8,631							\$	8,631	\$	2,165	\$	6,466
4/14/2019	10	379.892	379.89	\$24.05	\$9,136							\$	9,136	\$	2,261	\$	6,876
4/14/2019	11	392.582	392.58	\$24.15	\$9,481							\$	9,481	\$	2,270	\$	7,211
4/14/2019	12	396.506	396.51	\$23.56	\$9,342							\$	9,342	\$	2,215	\$	7,127
4/14/2019	13	397.49	397.49	\$23.36	\$9,285							\$	9,285	\$	2,196	\$	7,090
4/14/2019	14	398.405	398.41	\$23.57	\$9,391							\$	9,391	\$	2,216	\$	7,175
4/14/2019	15	407.143	407.14	\$24.96	\$10,162							\$	10,162	\$	2,346	\$	7,816
4/14/2019	16	408.053	408.05	\$26.01	\$10,613							\$	10,613	\$	2,445	\$	8,168
4/14/2019	17	403.028	403.03	\$25.45	\$10,257							\$	10,257	\$	2,392	\$	7,865
4/14/2019	18	402.85	402.85	\$27.16	\$10,941							\$	10,941	\$	2,553	\$	8,388
4/14/2019	19	411.632	411.63	\$31.88	\$13,123							\$	13,123	\$	2,997	\$	10,126
4/14/2019	20	397.988	397.99	\$27.72	\$11,032							\$	11,032	\$	2,606	\$	8,427
4/14/2019	21	378.292	378.29	\$24.31	\$9,196							\$	9,196	\$	2,285	\$	6,911
4/14/2019	22	357.873	357.87	\$23.08	\$8,260							\$	8,260	\$	2,170	\$	6,090
4/14/2019	23	343.449	343.45	\$20.81	\$7,147							\$	7,147	\$	1,956	\$	5,191
4/15/2019	0	339.686	339.69	\$21.12	\$7,174							\$	7,174	\$	1,985	\$	5,189
4/15/2019	1	338.967	338.97	\$20.86	\$7,071							\$	7,071	\$	1,961	\$	5,110
4/15/2019	2	338.062	338.06	\$20.94	\$7,079							\$	7,079	\$	1,968	\$	5,111
4/15/2019	3	351.936	351.94	\$21.43	\$7,542							\$	7,542	\$	2,014	\$	5,528
4/15/2019	4	383.41	383.41	\$24.51	\$9,397							\$	9,397	\$	2,304	\$	7,093
4/15/2019	5	435.406	435.41	\$37.85	\$16,480							\$	16,480	\$	3,558	\$	12,922
4/15/2019	6	472.899	472.9	\$41.20	\$19,483							\$	19,483	\$	3,873	\$	15,611
4/15/2019	7	488.551	488.55	\$38.51	\$18,814							\$	18,814	\$	3,620	\$	15,194
4/15/2019	8	492.29	492.29	\$37.48	\$18,451							\$	18,451	\$	3,523	\$	14,928
4/15/2019	9	493.159	493.16	\$34.60	\$17,063							\$	17,063	\$	3,252	\$	13,811
4/15/2019	10	487.295	487.3	\$34.07	\$16,602							\$	16,602	\$	3,203	\$	13,400
4/15/2019	11	479.376	479.38	\$34.12	\$16,356							\$	16,356	\$	3,207	\$	13,149
4/15/2019	12	469.594	469.59	\$33.72	\$15,835							\$	15,835	\$	3,170	\$	12,665
4/15/2019	13	461.692	461.69	\$29.57	\$13,652							\$	13,652	\$	2,780	\$	10,873
4/15/2019	14	453.961	453.96	\$27.93	\$12,679							\$	12,679	\$	2,625	\$	10,054
4/15/2019	15	444.964	444.96	\$27.13	\$12,072							\$	12,072	\$	2,550	\$	9,522
4/15/2019	16	438.034	438.03	\$27.49	\$12,041							\$	12,041	\$	2,584	\$	9,457
4/15/2019	17	434.944	434.94	\$26.63	\$11,582							\$	11,582	\$	2,503	\$	9,079
4/15/2019	18	439.681	439.68	\$30.67	\$13,485							\$	13,485	\$	2,883	\$	10,602
4/15/2019	19	459.304	459.3	\$36.17	\$16,613							\$	16,613	\$	3,400	\$	13,213
4/15/2019	20	459.419	459.42	\$29.81	\$13,695							\$	13,695	\$	2,802	\$	10,893
4/15/2019	21	436.634	436.63	\$25.35	\$11,069							\$	11,069	\$	2,383	\$	8,686
4/15/2019	22	408.933	408.93	\$22.50	\$9,201							\$	9,201	\$	2,115	\$	7,086
4/15/2019	23	393.256	393.26	\$20.37	\$8,011							\$	8,011	\$	1,915	\$	6,096

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5			
4/16/2019	0	384.378	384.38	\$20.25	\$7,784							\$ 7,784	\$ 1,904	\$ 5,880
4/16/2019	1	376.574	376.57	\$20.05	\$7,550							\$ 7,550	\$ 1,885	\$ 5,666
4/16/2019	2	374.36	374.36	\$20.52	\$7,682							\$ 7,682	\$ 1,929	\$ 5,753
4/16/2019	3	381.118	381.12	\$20.84	\$7,943							\$ 7,943	\$ 1,959	\$ 5,984
4/16/2019	4	404.626	404.63	\$24.59	\$9,950							\$ 9,950	\$ 2,311	\$ 7,638
4/16/2019	5	452.701	452.7	\$35.33	\$15,994							\$ 15,994	\$ 3,321	\$ 12,673
4/16/2019	6	474.652	474.65	\$36.67	\$17,405							\$ 17,405	\$ 3,447	\$ 13,958
4/16/2019	7	465.879	465.88	\$31.16	\$14,517							\$ 14,517	\$ 2,929	\$ 11,588
4/16/2019	8	453.051	453.05	\$30.58	\$13,854							\$ 13,854	\$ 2,875	\$ 10,980
4/16/2019	9	451.261	451.26	\$29.33	\$13,235							\$ 13,235	\$ 2,757	\$ 10,478
4/16/2019	10	443.631	392.63	\$28.82	\$11,316		51					\$ 11,316	\$ 2,709	\$ 8,607
4/16/2019	11	441.543	362.54	\$28.62	\$10,376		79					\$ 10,376	\$ 2,690	\$ 7,686
4/16/2019	12	446.693	379.69	\$28.44	\$10,798		67					\$ 10,798	\$ 2,673	\$ 8,125
4/16/2019	13	448.773	418.77	\$27.41	\$11,478		30					\$ 11,478	\$ 2,577	\$ 8,902
4/16/2019	14	451.659	451.66	\$25.92	\$11,707							\$ 11,707	\$ 2,436	\$ 9,271
4/16/2019	15	447.711	447.71	\$26.44	\$11,837							\$ 11,837	\$ 2,485	\$ 9,352
4/16/2019	16	447.781	447.78	\$27.12	\$12,144							\$ 12,144	\$ 2,549	\$ 9,595
4/16/2019	17	451.725	451.73	\$27.08	\$12,233							\$ 12,233	\$ 2,546	\$ 9,687
4/16/2019	18	452.669	452.67	\$28.62	\$12,955							\$ 12,955	\$ 2,690	\$ 10,265
4/16/2019	19	462.533	462.53	\$34.98	\$16,179							\$ 16,179	\$ 3,288	\$ 12,891
4/16/2019	20	459.576	459.58	\$29.54	\$13,576							\$ 13,576	\$ 2,777	\$ 10,799
4/16/2019	21	427.171	427.17	\$24.16	\$10,320							\$ 10,320	\$ 2,271	\$ 8,049
4/16/2019	22	394.739	394.74	\$21.07	\$8,317							\$ 8,317	\$ 1,981	\$ 6,337
4/16/2019	23	370.077	370.08	\$19.28	\$7,135							\$ 7,135	\$ 1,812	\$ 5,323
4/17/2019	0	353.425	353.43	\$19.40	\$6,857							\$ 6,857	\$ 1,824	\$ 5,033
4/17/2019	1	343.665	343.67	\$19.28	\$6,626							\$ 6,626	\$ 1,812	\$ 4,814
4/17/2019	2	339.62	339.62	\$19.36	\$6,575							\$ 6,575	\$ 1,820	\$ 4,755
4/17/2019	3	342.572	342.57	\$20.19	\$6,916							\$ 6,916	\$ 1,898	\$ 5,019
4/17/2019	4	364.044	364.04	\$21.03	\$7,656							\$ 7,656	\$ 1,977	\$ 5,679
4/17/2019	5	406.302	406.3	\$29.28	\$11,896							\$ 11,896	\$ 2,752	\$ 9,144
4/17/2019	6	431.959	388.96	\$29.19	\$11,354		43					\$ 11,354	\$ 2,744	\$ 8,610
4/17/2019	7	437.677	355.68	\$30.00	\$10,670		82					\$ 10,670	\$ 2,820	\$ 7,850
4/17/2019	8	445.69	362.69	\$30.51	\$11,066		83					\$ 11,066	\$ 2,868	\$ 8,198
4/17/2019	9	453.634	373.63	\$31.53	\$11,781		80					\$ 11,781	\$ 2,964	\$ 8,817
4/17/2019	10	457.563	398.56	\$31.82	\$12,682		59					\$ 12,682	\$ 2,991	\$ 9,691
4/17/2019	11	459.574	402.57	\$33.47	\$13,474		57					\$ 13,474	\$ 3,146	\$ 10,328
4/17/2019	12	465.534	408.53	\$33.69	\$13,763		57					\$ 13,763	\$ 3,167	\$ 10,597
4/17/2019	13	469.199	427.2	\$32.54	\$13,901		42					\$ 13,901	\$ 3,059	\$ 10,842
4/17/2019	14	473.089	464.09	\$30.91	\$14,345		9					\$ 14,345	\$ 2,906	\$ 11,439
4/17/2019	15	469.029	469.03	\$30.70	\$14,399							\$ 14,399	\$ 2,886	\$ 11,513
4/17/2019	16	463.073	463.07	\$29.86	\$13,827							\$ 13,827	\$ 2,807	\$ 11,020
4/17/2019	17	460.021	460.02	\$27.47	\$12,637							\$ 12,637	\$ 2,582	\$ 10,055
4/17/2019	18	458.769	458.77	\$27.87	\$12,786							\$ 12,786	\$ 2,620	\$ 10,166
4/17/2019	19	471.576	471.58	\$31.91	\$15,048							\$ 15,048	\$ 3,000	\$ 12,049
4/17/2019	20	468.057	468.06	\$29.29	\$13,709							\$ 13,709	\$ 2,753	\$ 10,956
4/17/2019	21	436.969	436.97	\$23.36	\$10,208							\$ 10,208	\$ 2,196	\$ 8,012
4/17/2019	22	404.513	404.51	\$20.82	\$8,422							\$ 8,422	\$ 1,957	\$ 6,465
4/17/2019	23	381.719	381.72	\$18.43	\$7,035							\$ 7,035	\$ 1,732	\$ 5,303
4/18/2019	0	361.998	362	\$18.55	\$6,715							\$ 6,715	\$ 1,744	\$ 4,971
4/18/2019	1	351.124	351.12	\$18.12	\$6,362							\$ 6,362	\$ 1,703	\$ 4,659
4/18/2019	2	344.169	344.17	\$17.73	\$6,102							\$ 6,102	\$ 1,667	\$ 4,436
4/18/2019	3	345.236	345.24	\$18.82	\$6,497							\$ 6,497	\$ 1,769	\$ 4,728
4/18/2019	4	366.053	366.05	\$19.27	\$7,054							\$ 7,054	\$ 1,811	\$ 5,242
4/18/2019	5	404.111	404.11	\$24.40	\$9,860							\$ 9,860	\$ 2,294	\$ 7,567
4/18/2019	6	421.092	421.09	\$24.19	\$10,186							\$ 10,186	\$ 2,274	\$ 7,912
4/18/2019	7	440.872	440.87	\$24.19	\$10,665							\$ 10,665	\$ 2,274	\$ 8,391

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)			
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6		
4/18/2019	8	451.392	451.39	\$25.23	\$11,389							\$	11,389	\$	2,372	\$	9,017
4/18/2019	9	463.054	406.05	\$25.42	\$10,322						57	\$	10,322	\$	2,389	\$	7,932
4/18/2019	10	472.902	398.9	\$27.22	\$10,858						74	\$	10,858	\$	2,559	\$	8,299
4/18/2019	11	475.876	409.88	\$27.37	\$11,218						66	\$	11,218	\$	2,573	\$	8,646
4/18/2019	12	485.669	465.67	\$28.14	\$13,104						20	\$	13,104	\$	2,645	\$	10,459
4/18/2019	13	483.81	483.81	\$27.54	\$13,324							\$	13,324	\$	2,589	\$	10,735
4/18/2019	14	486.867	486.87	\$26.89	\$13,092							\$	13,092	\$	2,528	\$	10,564
4/18/2019	15	488.251	488.25	\$28.15	\$13,744							\$	13,744	\$	2,646	\$	11,098
4/18/2019	16	483.221	483.22	\$27.03	\$13,061							\$	13,061	\$	2,541	\$	10,521
4/18/2019	17	476.331	476.33	\$25.86	\$12,318							\$	12,318	\$	2,431	\$	9,887
4/18/2019	18	472.405	472.41	\$26.68	\$12,604							\$	12,604	\$	2,508	\$	10,096
4/18/2019	19	486.335	486.34	\$29.16	\$14,182							\$	14,182	\$	2,741	\$	11,441
4/18/2019	20	476.379	476.38	\$26.43	\$12,591							\$	12,591	\$	2,484	\$	10,106
4/18/2019	21	443.117	443.12	\$22.10	\$9,793							\$	9,793	\$	2,077	\$	7,716
4/18/2019	22	404.972	404.97	\$19.62	\$7,946							\$	7,946	\$	1,844	\$	6,101
4/18/2019	23	373.522	373.52	\$18.03	\$6,735							\$	6,735	\$	1,695	\$	5,040
4/19/2019	0	353.871	353.87	\$17.97	\$6,359							\$	6,359	\$	1,689	\$	4,670
4/19/2019	1	340.087	340.09	\$17.25	\$5,867							\$	5,867	\$	1,622	\$	4,245
4/19/2019	2	332.159	332.16	\$16.86	\$5,600							\$	5,600	\$	1,585	\$	4,015
4/19/2019	3	333.123	333.12	\$17.47	\$5,820							\$	5,820	\$	1,642	\$	4,177
4/19/2019	4	347.98	347.98	\$17.94	\$6,243							\$	6,243	\$	1,686	\$	4,556
4/19/2019	5	374.723	374.72	\$22.75	\$8,525							\$	8,525	\$	2,139	\$	6,386
4/19/2019	6	396.286	396.29	\$23.83	\$9,444							\$	9,444	\$	2,240	\$	7,204
4/19/2019	7	402.976	402.98	\$24.95	\$10,054							\$	10,054	\$	2,345	\$	7,709
4/19/2019	8	412.692	412.69	\$24.68	\$10,185							\$	10,185	\$	2,320	\$	7,865
4/19/2019	9	419.426	419.43	\$26.21	\$10,993							\$	10,993	\$	2,464	\$	8,530
4/19/2019	10	421.389	421.39	\$25.10	\$10,577							\$	10,577	\$	2,359	\$	8,217
4/19/2019	11	419.497	419.5	\$26.12	\$10,957							\$	10,957	\$	2,455	\$	8,502
4/19/2019	12	419.515	419.52	\$25.13	\$10,543							\$	10,543	\$	2,362	\$	8,180
4/19/2019	13	418.56	418.56	\$24.62	\$10,305							\$	10,305	\$	2,314	\$	7,991
4/19/2019	14	423.584	423.58	\$23.78	\$10,073							\$	10,073	\$	2,235	\$	7,837
4/19/2019	15	426.628	426.63	\$23.35	\$9,962							\$	9,962	\$	2,195	\$	7,767
4/19/2019	16	429.616	429.62	\$23.24	\$9,984							\$	9,984	\$	2,185	\$	7,800
4/19/2019	17	420.713	420.71	\$22.93	\$9,647							\$	9,647	\$	2,155	\$	7,491
4/19/2019	18	418.81	418.81	\$24.02	\$10,060							\$	10,060	\$	2,258	\$	7,802
4/19/2019	19	429.611	429.61	\$26.19	\$11,251							\$	11,251	\$	2,462	\$	8,790
4/19/2019	20	422.956	422.96	\$24.00	\$10,151							\$	10,151	\$	2,256	\$	7,895
4/19/2019	21	408.389	408.39	\$20.98	\$8,568							\$	8,568	\$	1,972	\$	6,596
4/19/2019	22	387.584	387.58	\$19.30	\$7,480							\$	7,480	\$	1,814	\$	5,666
4/19/2019	23	371.01	371.01	\$18.13	\$6,726							\$	6,726	\$	1,704	\$	5,022
4/20/2019	0	358.192	358.19	\$18.06	\$6,469							\$	6,469	\$	1,698	\$	4,771
4/20/2019	1	348.445	348.45	\$17.28	\$6,021							\$	6,021	\$	1,624	\$	4,397
4/20/2019	2	344.525	344.53	\$16.99	\$5,854							\$	5,854	\$	1,597	\$	4,257
4/20/2019	3	346.503	346.5	\$17.14	\$5,939							\$	5,939	\$	1,611	\$	4,328
4/20/2019	4	350.392	350.39	\$17.44	\$6,111							\$	6,111	\$	1,639	\$	4,471
4/20/2019	5	366.273	366.27	\$18.82	\$6,893							\$	6,893	\$	1,769	\$	5,124
4/20/2019	6	380.078	380.08	\$20.08	\$7,632							\$	7,632	\$	1,888	\$	5,744
4/20/2019	7	397.538	397.54	\$21.76	\$8,650							\$	8,650	\$	2,045	\$	6,605
4/20/2019	8	415.255	415.26	\$23.05	\$9,572							\$	9,572	\$	2,167	\$	7,405
4/20/2019	9	424.151	424.15	\$23.45	\$9,946							\$	9,946	\$	2,204	\$	7,742
4/20/2019	10	423.134	423.13	\$23.34	\$9,876							\$	9,876	\$	2,194	\$	7,682
4/20/2019	11	417.118	417.12	\$22.40	\$9,343							\$	9,343	\$	2,106	\$	7,238
4/20/2019	12	412.343	412.34	\$21.03	\$8,672							\$	8,672	\$	1,977	\$	6,695
4/20/2019	13	406.451	406.45	\$20.02	\$8,137							\$	8,137	\$	1,882	\$	6,255
4/20/2019	14	406.445	406.45	\$19.96	\$8,113							\$	8,113	\$	1,876	\$	6,237
4/20/2019	15	404.335	404.34	\$20.22	\$8,176							\$	8,176	\$	1,901	\$	6,275

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Beginning (HB)	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
							East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5			
4/20/2019	16	406.3	406.3	\$21.37	\$8,683								\$ 8,683	\$ 2,009	\$ 6,674
4/20/2019	17	405.343	405.34	\$21.54	\$8,731								\$ 8,731	\$ 2,025	\$ 6,706
4/20/2019	18	411.436	411.44	\$23.27	\$9,574								\$ 9,574	\$ 2,187	\$ 7,387
4/20/2019	19	420.295	420.3	\$27.15	\$11,411								\$ 11,411	\$ 2,552	\$ 8,859
4/20/2019	20	417.394	417.39	\$24.84	\$10,368								\$ 10,368	\$ 2,335	\$ 8,033
4/20/2019	21	400.726	400.73	\$21.67	\$8,684								\$ 8,684	\$ 2,037	\$ 6,647
4/20/2019	22	379.039	379.04	\$20.19	\$7,653								\$ 7,653	\$ 1,898	\$ 5,755
4/20/2019	23	359.463	359.46	\$18.89	\$6,790								\$ 6,790	\$ 1,776	\$ 5,015
4/21/2019	0	347.636	347.64	\$19.02	\$6,612								\$ 6,612	\$ 1,788	\$ 4,824
4/21/2019	1	337.827	337.83	\$18.56	\$6,270								\$ 6,270	\$ 1,745	\$ 4,525
4/21/2019	2	333.86	333.86	\$17.77	\$5,933								\$ 5,933	\$ 1,670	\$ 4,262
4/21/2019	3	334.853	334.85	\$17.66	\$5,913								\$ 5,913	\$ 1,660	\$ 4,253
4/21/2019	4	340.789	340.79	\$17.60	\$5,998								\$ 5,998	\$ 1,654	\$ 4,344
4/21/2019	5	353.614	353.61	\$18.91	\$6,687								\$ 6,687	\$ 1,778	\$ 4,909
4/21/2019	6	363.459	363.46	\$19.40	\$7,051								\$ 7,051	\$ 1,824	\$ 5,228
4/21/2019	7	380.118	380.12	\$21.56	\$8,195								\$ 8,195	\$ 2,027	\$ 6,169
4/21/2019	8	386.937	386.94	\$22.52	\$8,714								\$ 8,714	\$ 2,117	\$ 6,597
4/21/2019	9	382.018	382.02	\$22.55	\$8,615								\$ 8,615	\$ 2,120	\$ 6,495
4/21/2019	10	375.056	375.06	\$21.80	\$8,176								\$ 8,176	\$ 2,049	\$ 6,127
4/21/2019	11	366.19	366.19	\$21.44	\$7,851								\$ 7,851	\$ 2,015	\$ 5,836
4/21/2019	12	358.294	358.29	\$20.43	\$7,320								\$ 7,320	\$ 1,920	\$ 5,399
4/21/2019	13	351.391	351.39	\$20.00	\$7,028								\$ 7,028	\$ 1,880	\$ 5,148
4/21/2019	14	345.447	345.45	\$19.96	\$6,895								\$ 6,895	\$ 1,876	\$ 5,019
4/21/2019	15	342.525	342.53	\$20.27	\$6,943								\$ 6,943	\$ 1,905	\$ 5,038
4/21/2019	16	345.512	345.51	\$20.92	\$7,228								\$ 7,228	\$ 1,966	\$ 5,262
4/21/2019	17	351.432	351.43	\$20.99	\$7,377								\$ 7,377	\$ 1,973	\$ 5,403
4/21/2019	18	361.262	361.26	\$22.32	\$8,063								\$ 8,063	\$ 2,098	\$ 5,965
4/21/2019	19	380.949	380.95	\$25.44	\$9,691								\$ 9,691	\$ 2,391	\$ 7,300
4/21/2019	20	384.963	384.96	\$23.90	\$9,201								\$ 9,201	\$ 2,247	\$ 6,954
4/21/2019	21	363.287	363.29	\$20.25	\$7,357								\$ 7,357	\$ 1,904	\$ 5,453
4/21/2019	22	338.751	338.75	\$19.45	\$6,589								\$ 6,589	\$ 1,828	\$ 4,760
4/21/2019	23	319.921	319.92	\$17.01	\$5,442								\$ 5,442	\$ 1,599	\$ 3,843
4/22/2019	0	311.969	311.97	\$16.69	\$5,207								\$ 5,207	\$ 1,569	\$ 3,638
4/22/2019	1	307.952	307.95	\$16.68	\$5,137								\$ 5,137	\$ 1,568	\$ 3,569
4/22/2019	2	309.922	309.92	\$16.77	\$5,197								\$ 5,197	\$ 1,576	\$ 3,621
4/22/2019	3	320.835	320.84	\$17.43	\$5,592								\$ 5,592	\$ 1,638	\$ 3,954
4/22/2019	4	349.438	349.44	\$19.59	\$6,846								\$ 6,846	\$ 1,841	\$ 5,004
4/22/2019	5	396.544	396.54	\$29.67	\$11,765								\$ 11,765	\$ 2,789	\$ 8,976
4/22/2019	6	424.885	424.89	\$29.86	\$12,687								\$ 12,687	\$ 2,807	\$ 9,880
4/22/2019	7	436.734	436.73	\$28.80	\$12,578								\$ 12,578	\$ 2,707	\$ 9,871
4/22/2019	8	440.866	440.87	\$29.57	\$13,037								\$ 13,037	\$ 2,780	\$ 10,257
4/22/2019	9	448.762	448.76	\$29.86	\$13,400								\$ 13,400	\$ 2,807	\$ 10,593
4/22/2019	10	453.684	453.68	\$29.28	\$13,284								\$ 13,284	\$ 2,752	\$ 10,531
4/22/2019	11	458.613	458.61	\$28.82	\$13,217								\$ 13,217	\$ 2,709	\$ 10,508
4/22/2019	12	465.468	465.47	\$28.89	\$13,447								\$ 13,447	\$ 2,716	\$ 10,732
4/22/2019	13	471.263	471.26	\$29.36	\$13,836								\$ 13,836	\$ 2,760	\$ 11,076
4/22/2019	14	474.215	474.22	\$27.66	\$13,117								\$ 13,117	\$ 2,600	\$ 10,517
4/22/2019	15	470.255	445.26	\$27.40	\$12,200								\$ 12,200	\$ 2,576	\$ 9,625
4/22/2019	16	470.39	450.39	\$27.77	\$12,507								\$ 12,507	\$ 2,610	\$ 9,897
4/22/2019	17	469.379	469.38	\$27.22	\$12,777								\$ 12,777	\$ 2,559	\$ 10,218
4/22/2019	18	467.506	467.51	\$27.45	\$12,833								\$ 12,833	\$ 2,580	\$ 10,253
4/22/2019	19	473.308	473.31	\$29.79	\$14,100								\$ 14,100	\$ 2,800	\$ 11,300
4/22/2019	20	469.357	469.36	\$27.27	\$12,799								\$ 12,799	\$ 2,563	\$ 10,236
4/22/2019	21	438.794	438.79	\$22.14	\$9,715								\$ 9,715	\$ 2,081	\$ 7,634
4/22/2019	22	399.386	399.39	\$20.18	\$8,060								\$ 8,060	\$ 1,897	\$ 6,163
4/22/2019	23	374.796	374.8	\$18.65	\$6,990								\$ 6,990	\$ 1,753	\$ 5,237



Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)			
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6		
4/23/2019	0	357.976	357.98	\$18.02	\$6,451							\$	6,451	\$	1,694	\$	4,757
4/23/2019	1	346.108	346.11	\$17.09	\$5,915							\$	5,915	\$	1,606	\$	4,309
4/23/2019	2	339.166	339.17	\$17.23	\$5,844							\$	5,844	\$	1,620	\$	4,224
4/23/2019	3	347.079	347.08	\$18.60	\$6,456							\$	6,456	\$	1,748	\$	4,707
4/23/2019	4	367.74	367.74	\$20.75	\$7,631							\$	7,631	\$	1,951	\$	5,680
4/23/2019	5	408.21	408.21	\$29.09	\$11,875							\$	11,875	\$	2,734	\$	9,140
4/23/2019	6	434.914	434.91	\$30.73	\$13,365							\$	13,365	\$	2,889	\$	10,476
4/23/2019	7	442.897	442.9	\$30.52	\$13,517							\$	13,517	\$	2,869	\$	10,648
4/23/2019	8	452.784	423.78	\$33.00	\$13,985		29					\$	13,985	\$	3,102	\$	10,883
4/23/2019	9	462.641	433.64	\$33.90	\$14,700		29					\$	14,700	\$	3,187	\$	11,514
4/23/2019	10	469.522	439.52	\$33.74	\$14,829		30					\$	14,829	\$	3,172	\$	11,658
4/23/2019	11	478.348	462.35	\$34.35	\$15,882		16					\$	15,882	\$	3,229	\$	12,653
4/23/2019	12	494.181	490.18	\$33.67	\$16,504		4					\$	16,504	\$	3,165	\$	13,339
4/23/2019	13	497.212	492.21	\$34.34	\$16,902		5					\$	16,902	\$	3,228	\$	13,675
4/23/2019	14	503.31	500.31	\$34.05	\$17,036		3					\$	17,036	\$	3,201	\$	13,835
4/23/2019	15	500.358	500.36	\$34.47	\$17,247							\$	17,247	\$	3,240	\$	14,007
4/23/2019	16	493.423	493.42	\$34.79	\$17,166							\$	17,166	\$	3,270	\$	13,896
4/23/2019	17	486.539	486.54	\$33.90	\$16,494							\$	16,494	\$	3,187	\$	13,307
4/23/2019	18	479.668	479.67	\$33.32	\$15,983							\$	15,983	\$	3,132	\$	12,851
4/23/2019	19	480.663	480.66	\$39.29	\$18,885							\$	18,885	\$	3,693	\$	15,192
4/23/2019	20	470.793	470.79	\$34.58	\$16,280							\$	16,280	\$	3,251	\$	13,029
4/23/2019	21	436.336	436.34	\$26.81	\$11,698							\$	11,698	\$	2,520	\$	9,178
4/23/2019	22	399.061	399.06	\$22.55	\$8,999							\$	8,999	\$	2,120	\$	6,879
4/23/2019	23	372.408	372.41	\$20.47	\$7,623							\$	7,623	\$	1,924	\$	5,699
4/24/2019	0	355.587	355.59	\$20.03	\$7,122							\$	7,122	\$	1,883	\$	5,240
4/24/2019	1	342.704	342.7	\$18.98	\$6,504							\$	6,504	\$	1,784	\$	4,720
4/24/2019	2	335.759	335.76	\$18.95	\$6,363							\$	6,363	\$	1,781	\$	4,581
4/24/2019	3	336.723	336.72	\$19.70	\$6,633							\$	6,633	\$	1,852	\$	4,782
4/24/2019	4	356.333	356.33	\$21.80	\$7,768							\$	7,768	\$	2,049	\$	5,719
4/24/2019	5	398.798	398.8	\$30.42	\$12,131							\$	12,131	\$	2,859	\$	9,272
4/24/2019	6	423.362	423.36	\$31.66	\$13,404							\$	13,404	\$	2,976	\$	10,428
4/24/2019	7	427.285	427.29	\$30.81	\$13,165							\$	13,165	\$	2,896	\$	10,269
4/24/2019	8	434.074	434.07	\$31.35	\$13,608							\$	13,608	\$	2,947	\$	10,661
4/24/2019	9	441.708	441.71	\$32.86	\$14,515							\$	14,515	\$	3,089	\$	11,426
4/24/2019	10	447.443	447.44	\$32.91	\$14,725							\$	14,725	\$	3,094	\$	11,632
4/24/2019	11	451.42	451.42	\$33.43	\$15,091							\$	15,091	\$	3,142	\$	11,949
4/24/2019	12	453.383	453.38	\$32.02	\$14,517							\$	14,517	\$	3,010	\$	11,507
4/24/2019	13	450.394	450.39	\$32.31	\$14,552							\$	14,552	\$	3,037	\$	11,515
4/24/2019	14	458.264	424.26	\$31.04	\$13,169		34					\$	13,169	\$	2,918	\$	10,251
4/24/2019	15	461.417	461.42	\$31.93	\$14,733							\$	14,733	\$	3,001	\$	11,732
4/24/2019	16	463.345	463.35	\$32.26	\$14,948							\$	14,948	\$	3,032	\$	11,915
4/24/2019	17	460.49	460.49	\$29.89	\$13,764							\$	13,764	\$	2,810	\$	10,954
4/24/2019	18	462.539	462.54	\$30.07	\$13,909							\$	13,909	\$	2,827	\$	11,082
4/24/2019	19	472.471	472.47	\$36.96	\$17,462							\$	17,462	\$	3,474	\$	13,988
4/24/2019	20	462.583	462.58	\$31.90	\$14,756							\$	14,756	\$	2,999	\$	11,758
4/24/2019	21	430.166	430.17	\$24.48	\$10,531							\$	10,531	\$	2,301	\$	8,229
4/24/2019	22	395.703	395.7	\$22.28	\$8,816							\$	8,816	\$	2,094	\$	6,722
4/24/2019	23	374.179	374.18	\$20.54	\$7,686							\$	7,686	\$	1,931	\$	5,755
4/25/2019	0	360.439	360.44	\$19.94	\$7,187							\$	7,187	\$	1,874	\$	5,313
4/25/2019	1	349.565	349.57	\$19.71	\$6,890							\$	6,890	\$	1,853	\$	5,037
4/25/2019	2	342.597	342.6	\$19.95	\$6,835							\$	6,835	\$	1,875	\$	4,960
4/25/2019	3	349.476	349.48	\$20.73	\$7,245							\$	7,245	\$	1,949	\$	5,296
4/25/2019	4	371.085	371.09	\$22.46	\$8,335							\$	8,335	\$	2,111	\$	6,223
4/25/2019	5	411.721	411.72	\$30.59	\$12,595							\$	12,595	\$	2,875	\$	9,719
4/25/2019	6	441.198	441.2	\$33.73	\$14,882							\$	14,882	\$	3,171	\$	11,711
4/25/2019	7	448.928	448.93	\$32.85	\$14,747							\$	14,747	\$	3,088	\$	11,659

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)			
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6		
4/25/2019	8	454.736	454.74	\$37.24	\$16,935							\$	16,935	\$	3,501	\$	13,434
4/25/2019	9	467.476	467.48	\$36.61	\$17,114							\$	17,114	\$	3,441	\$	13,673
4/25/2019	10	474.31	474.31	\$37.43	\$17,753							\$	17,753	\$	3,518	\$	14,235
4/25/2019	11	482.262	482.26	\$35.02	\$16,889							\$	16,889	\$	3,292	\$	13,597
4/25/2019	12	483.135	483.14	\$36.43	\$17,601							\$	17,601	\$	3,424	\$	14,176
4/25/2019	13	482.068	482.07	\$36.35	\$17,523							\$	17,523	\$	3,417	\$	14,106
4/25/2019	14	480.121	480.12	\$36.43	\$17,491							\$	17,491	\$	3,424	\$	14,066
4/25/2019	15	477.023	477.02	\$35.01	\$16,700							\$	16,700	\$	3,291	\$	13,410
4/25/2019	16	477.154	477.15	\$35.63	\$17,001							\$	17,001	\$	3,349	\$	13,652
4/25/2019	17	476.112	476.11	\$34.44	\$16,397							\$	16,397	\$	3,237	\$	13,160
4/25/2019	18	472.237	472.24	\$30.33	\$14,323							\$	14,323	\$	2,851	\$	11,472
4/25/2019	19	480.164	480.16	\$34.01	\$16,330							\$	16,330	\$	3,197	\$	13,133
4/25/2019	20	464.211	464.21	\$30.56	\$14,186							\$	14,186	\$	2,873	\$	11,314
4/25/2019	21	439.72	439.72	\$23.45	\$10,311							\$	10,311	\$	2,204	\$	8,107
4/25/2019	22	410.646	410.65	\$21.47	\$8,817							\$	8,817	\$	2,018	\$	6,798
4/25/2019	23	385.023	385.02	\$18.96	\$7,300							\$	7,300	\$	1,782	\$	5,518
4/26/2019	0	368.23	368.23	\$17.85	\$6,573							\$	6,573	\$	1,678	\$	4,895
4/26/2019	1	345.508	345.51	\$17.17	\$5,932							\$	5,932	\$	1,614	\$	4,318
4/26/2019	2	336.55	336.55	\$17.11	\$5,758							\$	5,758	\$	1,608	\$	4,150
4/26/2019	3	343.438	343.44	\$16.92	\$5,811							\$	5,811	\$	1,590	\$	4,221
4/26/2019	4	367.116	367.12	\$19.12	\$7,019							\$	7,019	\$	1,797	\$	5,222
4/26/2019	5	404.578	404.58	\$23.94	\$9,686							\$	9,686	\$	2,250	\$	7,435
4/26/2019	6	430.343	430.34	\$25.68	\$11,051							\$	11,051	\$	2,414	\$	8,637
4/26/2019	7	436.209	436.21	\$27.03	\$11,791							\$	11,791	\$	2,541	\$	9,250
4/26/2019	8	441.026	441.03	\$25.55	\$11,268							\$	11,268	\$	2,402	\$	8,867
4/26/2019	9	449.683	449.68	\$26.84	\$12,069							\$	12,069	\$	2,523	\$	9,546
4/26/2019	10	431.752	431.75	\$26.52	\$11,450							\$	11,450	\$	2,493	\$	8,957
4/26/2019	11	431.695	431.7	\$25.81	\$11,142							\$	11,142	\$	2,426	\$	8,716
4/26/2019	12	445.472	445.47	\$25.38	\$11,306							\$	11,306	\$	2,386	\$	8,920
4/26/2019	13	443.541	443.54	\$23.49	\$10,419							\$	10,419	\$	2,208	\$	8,211
4/26/2019	14	436.624	436.62	\$23.13	\$10,099							\$	10,099	\$	2,174	\$	7,925
4/26/2019	15	428.749	428.75	\$23.34	\$10,007							\$	10,007	\$	2,194	\$	7,813
4/26/2019	16	422.886	422.89	\$23.90	\$10,107							\$	10,107	\$	2,247	\$	7,860
4/26/2019	17	419.08	409.08	\$22.52	\$9,212						10	\$	9,212	\$	2,117	\$	7,096
4/26/2019	18	413.251	413.25	\$22.58	\$9,331							\$	9,331	\$	2,123	\$	7,209
4/26/2019	19	418.371	418.37	\$25.73	\$10,765							\$	10,765	\$	2,419	\$	8,346
4/26/2019	20	421.344	421.34	\$23.08	\$9,725							\$	9,725	\$	2,170	\$	7,555
4/26/2019	21	406.657	406.66	\$20.95	\$8,520							\$	8,520	\$	1,969	\$	6,550
4/26/2019	22	383.12	383.12	\$19.26	\$7,379							\$	7,379	\$	1,810	\$	5,568
4/26/2019	23	360.199	360.2	\$19.34	\$6,966							\$	6,966	\$	1,818	\$	5,148
4/27/2019	0	348.27	348.27	\$19.32	\$6,729							\$	6,729	\$	1,816	\$	4,912
4/27/2019	1	339.368	339.37	\$19.82	\$6,726							\$	6,726	\$	1,863	\$	4,863
4/27/2019	2	332.463	332.46	\$19.70	\$6,549							\$	6,549	\$	1,852	\$	4,698
4/27/2019	3	334.48	334.48	\$19.95	\$6,673							\$	6,673	\$	1,875	\$	4,798
4/27/2019	4	341.359	341.36	\$20.36	\$6,950							\$	6,950	\$	1,914	\$	5,036
4/27/2019	5	352.187	352.19	\$21.70	\$7,643							\$	7,643	\$	2,040	\$	5,603
4/27/2019	6	363.907	363.91	\$22.09	\$8,039							\$	8,039	\$	2,076	\$	5,962
4/27/2019	7	377.79	377.79	\$24.03	\$9,078							\$	9,078	\$	2,259	\$	6,819
4/27/2019	8	389.587	389.59	\$25.47	\$9,923							\$	9,923	\$	2,394	\$	7,529
4/27/2019	9	395.636	395.64	\$25.85	\$10,227							\$	10,227	\$	2,430	\$	7,797
4/27/2019	10	393.605	393.61	\$24.70	\$9,722							\$	9,722	\$	2,322	\$	7,400
4/27/2019	11	391.668	342.67	\$23.18	\$7,943						49	\$	7,943	\$	2,179	\$	5,764
4/27/2019	12	392.743	392.74	\$22.04	\$8,656							\$	8,656	\$	2,072	\$	6,584
4/27/2019	13	390.763	390.76	\$20.85	\$8,147							\$	8,147	\$	1,960	\$	6,187
4/27/2019	14	386.838	386.84	\$20.78	\$8,039							\$	8,039	\$	1,953	\$	6,085
4/27/2019	15	386.786	386.79	\$20.84	\$8,061							\$	8,061	\$	1,959	\$	6,102

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
							East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5			
4/27/2019	16	390.765	390.77	\$21.48	\$8,394								\$ 8,394	\$ 2,019	\$ 6,375
4/27/2019	17	389.715	389.72	\$21.43	\$8,352								\$ 8,352	\$ 2,014	\$ 6,337
4/27/2019	18	392.709	392.71	\$22.61	\$8,879								\$ 8,879	\$ 2,125	\$ 6,754
4/27/2019	19	401.557	401.56	\$28.87	\$11,593								\$ 11,593	\$ 2,714	\$ 8,879
4/27/2019	20	394.62	394.62	\$25.14	\$9,921								\$ 9,921	\$ 2,363	\$ 7,558
4/27/2019	21	374.877	374.88	\$22.08	\$8,277								\$ 8,277	\$ 2,076	\$ 6,202
4/27/2019	22	355.102	355.1	\$20.47	\$7,269								\$ 7,269	\$ 1,924	\$ 5,345
4/27/2019	23	337.519	337.52	\$19.19	\$6,477								\$ 6,477	\$ 1,804	\$ 4,673
4/28/2019	0	323.797	323.8	\$19.56	\$6,334								\$ 6,334	\$ 1,839	\$ 4,495
4/28/2019	1	316.873	316.87	\$19.64	\$6,223								\$ 6,223	\$ 1,846	\$ 4,377
4/28/2019	2	310.975	310.98	\$19.02	\$5,915								\$ 5,915	\$ 1,788	\$ 4,127
4/28/2019	3	307.986	307.99	\$19.04	\$5,864								\$ 5,864	\$ 1,790	\$ 4,074
4/28/2019	4	310.976	310.98	\$19.78	\$6,151								\$ 6,151	\$ 1,859	\$ 4,292
4/28/2019	5	322.892	322.89	\$19.67	\$6,351								\$ 6,351	\$ 1,849	\$ 4,502
4/28/2019	6	335.695	335.7	\$20.22	\$6,788								\$ 6,788	\$ 1,901	\$ 4,887
4/28/2019	7	357.268	357.27	\$21.57	\$7,706								\$ 7,706	\$ 2,028	\$ 5,679
4/28/2019	8	376.762	376.76	\$22.45	\$7,291						52		\$ 7,291	\$ 2,110	\$ 5,181
4/28/2019	9	388.679	388.68	\$22.22	\$7,081						70		\$ 7,081	\$ 2,089	\$ 4,992
4/28/2019	10	393.549	393.55	\$21.95	\$6,817						83		\$ 6,817	\$ 2,063	\$ 4,753
4/28/2019	11	387.751	387.75	\$22.24	\$6,822						81		\$ 6,822	\$ 2,091	\$ 4,732
4/28/2019	12	386.666	386.66	\$21.94	\$7,540						43		\$ 7,540	\$ 2,062	\$ 5,478
4/28/2019	13	380.604	380.6	\$21.10	\$8,031								\$ 8,031	\$ 1,983	\$ 6,047
4/28/2019	14	378.727	378.73	\$20.81	\$7,881								\$ 7,881	\$ 1,956	\$ 5,925
4/28/2019	15	382.66	382.66	\$21.39	\$8,185								\$ 8,185	\$ 2,011	\$ 6,174
4/28/2019	16	388.57	388.57	\$22.55	\$8,762								\$ 8,762	\$ 2,120	\$ 6,643
4/28/2019	17	392.478	392.48	\$22.17	\$8,435							12	\$ 8,435	\$ 2,084	\$ 6,351
4/28/2019	18	397.445	397.45	\$23.70	\$9,420								\$ 9,420	\$ 2,228	\$ 7,192
4/28/2019	19	412.256	412.26	\$28.43	\$11,721								\$ 11,721	\$ 2,672	\$ 9,048
4/28/2019	20	411.394	411.39	\$25.15	\$10,346								\$ 10,346	\$ 2,364	\$ 7,982
4/28/2019	21	387.67	387.67	\$22.60	\$8,761								\$ 8,761	\$ 2,124	\$ 6,637
4/28/2019	22	367.019	367.02	\$20.83	\$7,645								\$ 7,645	\$ 1,958	\$ 5,687
4/28/2019	23	348.32	348.32	\$19.23	\$6,698								\$ 6,698	\$ 1,808	\$ 4,891
4/29/2019	0	339.574	339.57	\$19.13	\$6,496								\$ 6,496	\$ 1,798	\$ 4,698
4/29/2019	1	334.592	334.59	\$19.18	\$6,417								\$ 6,417	\$ 1,803	\$ 4,615
4/29/2019	2	337.599	337.6	\$19.11	\$6,452								\$ 6,452	\$ 1,796	\$ 4,655
4/29/2019	3	349.432	349.43	\$19.56	\$6,835								\$ 6,835	\$ 1,839	\$ 4,996
4/29/2019	4	376.976	376.98	\$21.79	\$8,214								\$ 8,214	\$ 2,048	\$ 6,166
4/29/2019	5	425.188	425.19	\$32.28	\$13,725								\$ 13,725	\$ 3,034	\$ 10,691
4/29/2019	6	447.895	447.9	\$31.92	\$14,297								\$ 14,297	\$ 3,000	\$ 11,296
4/29/2019	7	449.954	449.95	\$29.45	\$13,251								\$ 13,251	\$ 2,768	\$ 10,483
4/29/2019	8	449.724	449.72	\$29.14	\$11,123							68	\$ 11,123	\$ 2,739	\$ 8,384
4/29/2019	9	446.664	446.66	\$30.13	\$10,987							82	\$ 10,987	\$ 2,832	\$ 8,155
4/29/2019	10	449.719	449.72	\$28.64	\$10,789							73	\$ 10,789	\$ 2,692	\$ 8,097
4/29/2019	11	450.79	450.79	\$33.26	\$11,368						71	38	\$ 11,368	\$ 3,126	\$ 8,241
4/29/2019	12	457.695	457.695	\$32.71	\$12,322						78	3	\$ 12,322	\$ 3,075	\$ 9,247
4/29/2019	13	463.579	463.58	\$32.23	\$12,427						78		\$ 12,427	\$ 3,030	\$ 9,398
4/29/2019	14	461.568	461.57	\$30.97	\$11,941						76		\$ 11,941	\$ 2,911	\$ 9,030
4/29/2019	15	465.426	465.43	\$31.63	\$12,950						56		\$ 12,950	\$ 2,973	\$ 9,977
4/29/2019	16	465.462	465.46	\$33.74	\$15,131						17		\$ 15,131	\$ 3,172	\$ 11,959
4/29/2019	17	464.656	464.66	\$31.57	\$14,669								\$ 14,669	\$ 2,968	\$ 11,702
4/29/2019	18	461.689	461.69	\$33.56	\$15,494								\$ 15,494	\$ 3,155	\$ 12,340
4/29/2019	19	468.593	468.59	\$38.40	\$17,994								\$ 17,994	\$ 3,610	\$ 14,384
4/29/2019	20	470.659	470.66	\$34.35	\$16,167								\$ 16,167	\$ 3,229	\$ 12,938
4/29/2019	21	439.14	439.14	\$25.59	\$11,238								\$ 11,238	\$ 2,405	\$ 8,832
4/29/2019	22	402.661	402.66	\$22.62	\$9,108								\$ 9,108	\$ 2,126	\$ 6,982
4/29/2019	23	375.871	375.87	\$20.61	\$7,747								\$ 7,747	\$ 1,937	\$ 5,809

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)							Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6			
4/30/2019	0	359.355	359.36	\$20.59	\$7,399								\$ 7,399	\$ 1,935	\$ 5,464
4/30/2019	1	345.572	345.57	\$20.33	\$7,025								\$ 7,025	\$ 1,911	\$ 5,114
4/30/2019	2	340.712	340.71	\$20.13	\$6,858								\$ 6,858	\$ 1,892	\$ 4,966
4/30/2019	3	344.626	344.63	\$20.63	\$7,110								\$ 7,110	\$ 1,939	\$ 5,170
4/30/2019	4	366.219	366.22	\$22.97	\$8,412								\$ 8,412	\$ 2,159	\$ 6,253
4/30/2019	5	406.59	406.59	\$31.20	\$12,686								\$ 12,686	\$ 2,933	\$ 9,753
4/30/2019	6	428.266	410.27	\$31.02	\$12,727							18	\$ 12,727	\$ 2,916	\$ 9,811
4/30/2019	7	432.141	414.14	\$30.60	\$12,673							18	\$ 12,673	\$ 2,876	\$ 9,796
4/30/2019	8	440.128	440.13	\$31.72	\$13,961								\$ 13,961	\$ 2,982	\$ 10,979
4/30/2019	9	453.993	453.99	\$32.73	\$14,859								\$ 14,859	\$ 3,077	\$ 11,782
4/30/2019	10	455.853	455.85	\$35.67	\$16,260								\$ 16,260	\$ 3,353	\$ 12,907
4/30/2019	11	463.736	461.74	\$37.95	\$17,523						2		\$ 17,523	\$ 3,567	\$ 13,956
4/30/2019	12	475.544	475.54	\$38.26	\$18,194								\$ 18,194	\$ 3,596	\$ 14,598
4/30/2019	13	481.471	481.47	\$38.04	\$18,315								\$ 18,315	\$ 3,576	\$ 14,739
4/30/2019	14	489.345	489.35	\$37.20	\$18,204								\$ 18,204	\$ 3,497	\$ 14,707
4/30/2019	15	493.373	493.37	\$37.81	\$18,654								\$ 18,654	\$ 3,554	\$ 15,100
4/30/2019	16	499.293	499.29	\$38.07	\$19,008								\$ 19,008	\$ 3,579	\$ 15,429
4/30/2019	17	501.208	501.21	\$37.70	\$18,896								\$ 18,896	\$ 3,544	\$ 15,352
4/30/2019	18	497.168	497.17	\$35.88	\$17,838								\$ 17,838	\$ 3,373	\$ 14,466
4/30/2019	19	502.934	502.93	\$37.45	\$18,835								\$ 18,835	\$ 3,520	\$ 15,314
4/30/2019	20	500.041	500.04	\$36.28	\$18,141								\$ 18,141	\$ 3,410	\$ 14,731
4/30/2019	21	468.718	468.72	\$28.03	\$13,138								\$ 13,138	\$ 2,635	\$ 10,503
4/30/2019	22	431.309	431.31	\$24.01	\$10,356								\$ 10,356	\$ 2,257	\$ 8,099
4/30/2019	23	401.855	401.86	\$19.49	\$7,832								\$ 7,832	\$ 1,832	\$ 6,000
5/1/2019	0	380.321	380.32	\$19.47	\$7,405								\$ 7,405	\$ 1,830	\$ 5,575
5/1/2019	1	365.575	365.58	\$18.59	\$6,796								\$ 6,796	\$ 1,747	\$ 5,049
5/1/2019	2	357.68	357.68	\$18.14	\$6,488								\$ 6,488	\$ 1,705	\$ 4,783
5/1/2019	3	362.611	362.61	\$18.52	\$6,716								\$ 6,716	\$ 1,741	\$ 4,975
5/1/2019	4	382.229	382.23	\$20.85	\$7,969								\$ 7,969	\$ 1,960	\$ 6,010
5/1/2019	5	425.494	425.49	\$24.39	\$10,378								\$ 10,378	\$ 2,293	\$ 8,085
5/1/2019	6	452.01	433.01	\$25.45	\$11,020							19	\$ 11,020	\$ 2,392	\$ 8,628
5/1/2019	7	467.783	392.78	\$25.54	\$10,032							75	\$ 10,032	\$ 2,401	\$ 7,631
5/1/2019	8	486.414	421.41	\$26.22	\$11,049							65	\$ 11,049	\$ 2,465	\$ 8,585
5/1/2019	9	505.201	444.2	\$29.54	\$13,122							61	\$ 13,122	\$ 2,777	\$ 10,345
5/1/2019	10	515.087	473.09	\$29.79	\$14,093							42	\$ 14,093	\$ 2,800	\$ 11,293
5/1/2019	11	526.808	524.81	\$32.40	\$17,004							2	\$ 17,004	\$ 3,046	\$ 13,958
5/1/2019	12	534.726	534.73	\$36.66	\$19,603								\$ 19,603	\$ 3,446	\$ 16,157
5/1/2019	13	537.736	537.74	\$36.53	\$19,644								\$ 19,644	\$ 3,434	\$ 16,210
5/1/2019	14	544.64	541.64	\$36.81	\$19,938							3	\$ 19,938	\$ 3,460	\$ 16,478
5/1/2019	15	549.656	549.66	\$37.13	\$20,409								\$ 20,409	\$ 3,490	\$ 16,919
5/1/2019	16	550.521	550.52	\$38.76	\$21,338								\$ 21,338	\$ 3,643	\$ 17,695
5/1/2019	17	541.676	541.68	\$35.28	\$19,110								\$ 19,110	\$ 3,316	\$ 15,794
5/1/2019	18	535.717	535.72	\$31.36	\$16,800								\$ 16,800	\$ 2,948	\$ 13,852
5/1/2019	19	523.942	523.94	\$36.50	\$19,124								\$ 19,124	\$ 3,431	\$ 15,693
5/1/2019	20	510.233	510.23	\$35.25	\$17,986								\$ 17,986	\$ 3,314	\$ 14,672
5/1/2019	21	477.73	477.73	\$25.46	\$12,163								\$ 12,163	\$ 2,393	\$ 9,770
5/1/2019	22	440.258	440.26	\$23.24	\$10,232								\$ 10,232	\$ 2,185	\$ 8,047
5/1/2019	23	410.722	410.72	\$20.58	\$8,453								\$ 8,453	\$ 1,935	\$ 6,518
5/2/2019	0	391.032	391.03	\$20.03	\$7,832								\$ 7,832	\$ 1,883	\$ 5,950
5/2/2019	1	379.268	379.27	\$19.16	\$7,267								\$ 7,267	\$ 1,801	\$ 5,466
5/2/2019	2	372.464	372.46	\$18.92	\$7,047								\$ 7,047	\$ 1,778	\$ 5,268
5/2/2019	3	375.435	375.44	\$19.42	\$7,291								\$ 7,291	\$ 1,825	\$ 5,466
5/2/2019	4	390.133	390.13	\$21.94	\$8,559								\$ 8,559	\$ 2,062	\$ 6,497
5/2/2019	5	430.494	430.49	\$24.40	\$10,504								\$ 10,504	\$ 2,294	\$ 8,210
5/2/2019	6	449.097	449.1	\$25.56	\$11,479								\$ 11,479	\$ 2,403	\$ 9,076
5/2/2019	7	467.836	467.84	\$26.74	\$12,510								\$ 12,510	\$ 2,514	\$ 9,996

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)				
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6			
5/2/2019	8	489.452	489.45	\$28.55	\$13,974								\$	13,974	\$	2,684	\$	11,290
5/2/2019	9	505.992	505.99	\$31.63	\$16,004								\$	16,004	\$	2,973	\$	13,031
5/2/2019	10	521.573	521.57	\$33.86	\$17,660								\$	17,660	\$	3,183	\$	14,478
5/2/2019	11	533.332	533.33	\$34.19	\$18,235								\$	18,235	\$	3,214	\$	15,021
5/2/2019	12	545.977	545.98	\$38.32	\$20,922								\$	20,922	\$	3,602	\$	17,320
5/2/2019	13	516.37	516.37	\$41.91	\$21,641								\$	21,641	\$	3,940	\$	17,702
5/2/2019	14	522.241	522.24	\$45.59	\$23,809								\$	23,809	\$	4,285	\$	19,523
5/2/2019	15	534.112	534.11	\$44.39	\$23,709								\$	23,709	\$	4,173	\$	19,536
5/2/2019	16	536.093	536.09	\$40.68	\$21,808								\$	21,808	\$	3,824	\$	17,984
5/2/2019	17	526.299	526.3	\$35.62	\$18,747								\$	18,747	\$	3,348	\$	15,399
5/2/2019	18	517.412	517.41	\$32.63	\$16,883								\$	16,883	\$	3,067	\$	13,816
5/2/2019	19	517.431	517.43	\$35.08	\$18,151								\$	18,151	\$	3,298	\$	14,854
5/2/2019	20	514.524	514.52	\$33.02	\$16,989								\$	16,989	\$	3,104	\$	13,886
5/2/2019	21	482.994	482.99	\$27.05	\$13,065								\$	13,065	\$	2,543	\$	10,522
5/2/2019	22	440.686	440.69	\$23.08	\$10,171								\$	10,171	\$	2,170	\$	8,002
5/2/2019	23	411.272	411.27	\$21.13	\$8,690								\$	8,690	\$	1,986	\$	6,704
5/3/2019	0	387.831	387.83	\$20.20	\$7,834								\$	7,834	\$	1,899	\$	5,935
5/3/2019	1	371.119	371.12	\$20.18	\$7,489								\$	7,489	\$	1,897	\$	5,592
5/3/2019	2	362.306	362.31	\$19.91	\$7,214								\$	7,214	\$	1,872	\$	5,342
5/3/2019	3	365.233	365.23	\$20.32	\$7,421								\$	7,421	\$	1,910	\$	5,511
5/3/2019	4	384.913	384.91	\$21.65	\$8,333								\$	8,333	\$	2,035	\$	6,298
5/3/2019	5	429.986	429.99	\$23.73	\$10,204								\$	10,204	\$	2,231	\$	7,973
5/3/2019	6	451.268	405.27	\$25.15	\$10,193							46	\$	10,193	\$	2,364	\$	7,828
5/3/2019	7	459.013	381.01	\$25.98	\$9,899							78	\$	9,899	\$	2,442	\$	7,457
5/3/2019	8	469.881	389.88	\$27.76	\$10,823							80	\$	10,823	\$	2,609	\$	8,214
5/3/2019	9	476.888	396.89	\$29.73	\$11,800							80	\$	11,800	\$	2,795	\$	9,005
5/3/2019	10	479.802	416.8	\$30.35	\$12,650							63	\$	12,650	\$	2,853	\$	9,797
5/3/2019	11	481.795	427.8	\$31.35	\$13,412							54	\$	13,412	\$	2,947	\$	10,465
5/3/2019	12	490.68	455.68	\$32.56	\$14,837							35	\$	14,837	\$	3,061	\$	11,776
5/3/2019	13	491.758	461.76	\$33.30	\$15,377							30	\$	15,377	\$	3,130	\$	12,246
5/3/2019	14	493.7	485.7	\$32.85	\$15,955							8	\$	15,955	\$	3,088	\$	12,867
5/3/2019	15	485.714	480.71	\$31.91	\$15,339							5	\$	15,339	\$	3,000	\$	12,340
5/3/2019	16	485.797	484.8	\$32.57	\$15,790							1	\$	15,790	\$	3,062	\$	12,728
5/3/2019	17	477.871	475.87	\$30.36	\$14,447						2		\$	14,447	\$	2,854	\$	11,594
5/3/2019	18	467.054	467.05	\$27.80	\$12,984								\$	12,984	\$	2,613	\$	10,371
5/3/2019	19	464.057	464.06	\$29.82	\$13,838								\$	13,838	\$	2,803	\$	11,035
5/3/2019	20	461.044	461.04	\$27.11	\$12,499								\$	12,499	\$	2,548	\$	9,950
5/3/2019	21	437.779	437.78	\$24.43	\$10,695								\$	10,695	\$	2,296	\$	8,399
5/3/2019	22	406.659	406.66	\$21.99	\$8,942								\$	8,942	\$	2,067	\$	6,875
5/3/2019	23	378.107	378.11	\$22.00	\$8,318								\$	8,318	\$	2,068	\$	6,250
5/4/2019	0	356.304	356.3	\$21.35	\$7,607								\$	7,607	\$	2,007	\$	5,600
5/4/2019	1	342.42	342.42	\$21.72	\$7,437								\$	7,437	\$	2,042	\$	5,396
5/4/2019	2	333.526	333.53	\$21.52	\$7,178								\$	7,178	\$	2,023	\$	5,155
5/4/2019	3	332.553	332.55	\$21.56	\$7,170								\$	7,170	\$	2,027	\$	5,143
5/4/2019	4	334.525	334.53	\$22.02	\$7,366								\$	7,366	\$	2,070	\$	5,296
5/4/2019	5	345.499	345.5	\$21.88	\$7,560								\$	7,560	\$	2,057	\$	5,503
5/4/2019	6	356.392	356.39	\$22.63	\$8,065								\$	8,065	\$	2,127	\$	5,938
5/4/2019	7	377.065	346.04	\$25.12	\$8,693	31.02							\$	8,693	\$	2,361	\$	6,331
5/4/2019	8	396.509	268.53	\$26.87	\$7,215	127.98							\$	7,215	\$	2,526	\$	4,690
5/4/2019	9	409.961	240.3	\$27.44	\$6,594	157.66	12						\$	6,594	\$	2,579	\$	4,014
5/4/2019	10	414.598	151.83	\$27.19	\$4,128	193.77	69						\$	4,128	\$	2,556	\$	1,572
5/4/2019	11	413.533	123.5	\$27.47	\$3,393	223.03	55					12	\$	3,393	\$	2,582	\$	810
5/4/2019	12	409.616	67.82	\$27.68	\$1,877	218.8	59					64	\$	1,877	\$	1,877	\$	-
5/4/2019	13	404.721	71.63	\$29.37	\$2,104	221.09	59					52	\$	2,104	\$	2,104	\$	-
5/4/2019	14	399.675	121.02	\$28.44	\$3,442	244.66	9				1	25	\$	3,442	\$	2,673	\$	768
5/4/2019	15	396.625	117.61	\$31.00	\$3,646	279.02							\$	3,646	\$	2,914	\$	732

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)			
							East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6		
5/4/2019	16	395.8	108.22	\$28.32	\$3,065	287.58							\$	3,065	\$	2,662	\$	403
5/4/2019	17	388.096	101.3	\$28.75	\$2,912	286.8							\$	2,912	\$	2,703	\$	210
5/4/2019	18	388.378	170	\$28.16	\$4,787	218.38							\$	4,787	\$	2,647	\$	2,140
5/4/2019	19	396.045	213.77	\$28.23	\$6,035	182.28							\$	6,035	\$	2,654	\$	3,381
5/4/2019	20	393.733	118.91	\$28.11	\$3,343	274.82							\$	3,343	\$	2,642	\$	700
5/4/2019	21	376.234	99.28	\$25.72	\$2,553	276.95							\$	2,553	\$	2,418	\$	136
5/4/2019	22	354.91	79.38	\$23.00	\$1,826	275.53							\$	1,826	\$	1,826	\$	-
5/4/2019	23	331.389	55.51	\$20.25	\$1,124	275.88							\$	1,124	\$	1,124	\$	-
5/5/2019	0	317.542	42.43	\$19.70	\$836	275.11							\$	836	\$	836	\$	-
5/5/2019	1	307.618	32.93	\$19.52	\$643	274.69							\$	643	\$	643	\$	-
5/5/2019	2	304.66	29.78	\$19.40	\$578	274.88							\$	578	\$	578	\$	-
5/5/2019	3	303.66	20.55	\$19.47	\$400	283.11							\$	400	\$	400	\$	-
5/5/2019	4	309.54	0	\$0.00	\$0	315.79							\$	-	\$	-	\$	-
5/5/2019	5	314.535	0	\$0.00	\$0	338.61							\$	-	\$	-	\$	-
5/5/2019	6	325.526	0	\$0.00	\$0	343.77							\$	-	\$	-	\$	-
5/5/2019	7	345.293	1.03	\$22.55	\$23	344.26							\$	23	\$	23	\$	-
5/5/2019	8	362.067	19.47	\$24.01	\$467	342.59							\$	467	\$	467	\$	-
5/5/2019	9	373.8	31.26	\$24.56	\$768	342.54							\$	768	\$	768	\$	-
5/5/2019	10	380.683	36.36	\$23.45	\$853	344.32							\$	853	\$	853	\$	-
5/5/2019	11	384.516	39.51	\$23.97	\$947	345.01							\$	947	\$	947	\$	-
5/5/2019	12	386.516	67.56	\$23.71	\$1,602	318.95							\$	1,602	\$	1,602	\$	-
5/5/2019	13	388.692	100.66	\$23.53	\$2,369	288.03							\$	2,369	\$	2,212	\$	157
5/5/2019	14	391.62	74.84	\$24.19	\$1,810	316.78							\$	1,810	\$	1,810	\$	-
5/5/2019	15	402.472	62.11	\$24.61	\$1,529	340.36							\$	1,529	\$	1,529	\$	-
5/5/2019	16	413.254	69.89	\$25.28	\$1,767	343.36							\$	1,767	\$	1,767	\$	-
5/5/2019	17	419.078	68.78	\$24.48	\$1,684	350.3							\$	1,684	\$	1,684	\$	-
5/5/2019	18	420.044	57.56	\$24.27	\$1,397	362.48							\$	1,397	\$	1,397	\$	-
5/5/2019	19	422.947	45.04	\$26.13	\$1,177	377.91							\$	1,177	\$	1,177	\$	-
5/5/2019	20	419.98	39.26	\$26.46	\$1,039	380.72							\$	1,039	\$	1,039	\$	-
5/5/2019	21	391.474	10.27	\$22.65	\$233	381.2							\$	233	\$	233	\$	-
5/5/2019	22	361.934	0	\$0.00	\$0	380.69							\$	-	\$	-	\$	-
5/5/2019	23	335.406			\$0	379.67							\$	-	\$	-	\$	-
5/6/2019	0	323.579			\$0	380.19							\$	-	\$	-	\$	-
5/6/2019	1	318.629			\$0	380.23							\$	-	\$	-	\$	-
5/6/2019	2	315.634			\$0	381.14							\$	-	\$	-	\$	-
5/6/2019	3	324.524			\$0	380.87							\$	-	\$	-	\$	-
5/6/2019	4	350.147	0	\$0.00	\$0	381.29							\$	-	\$	-	\$	-
5/6/2019	5	394.448	13.12	\$23.42	\$307	381.33							\$	307	\$	307	\$	-
5/6/2019	6	419.944	38.29	\$25.21	\$965	381.65							\$	965	\$	965	\$	-
5/6/2019	7	428.815	48.36	\$25.26	\$1,222	380.46							\$	1,222	\$	1,222	\$	-
5/6/2019	8	438.704	57.53	\$26.04	\$1,498	381.17							\$	1,498	\$	1,498	\$	-
5/6/2019	9	451.499	70.84	\$29.11	\$2,062	380.66							\$	2,062	\$	2,062	\$	-
5/6/2019	10	460.296	79.14	\$28.01	\$2,217	381.16							\$	2,217	\$	2,217	\$	-
5/6/2019	11	469.187	86.92	\$28.80	\$2,503	382.27							\$	2,503	\$	2,503	\$	-
5/6/2019	12	478.058	96.56	\$30.42	\$2,937	381.5							\$	2,937	\$	2,859	\$	78
5/6/2019	13	486.886	104.74	\$30.35	\$3,179	382.15							\$	3,179	\$	2,853	\$	326
5/6/2019	14	494.803	113.71	\$31.57	\$3,590	381.09							\$	3,590	\$	2,968	\$	622
5/6/2019	15	497.74	115.79	\$31.88	\$3,691	381.95							\$	3,691	\$	2,997	\$	695
5/6/2019	16	505.519	123	\$31.97	\$3,932	382.52							\$	3,932	\$	3,005	\$	927
5/6/2019	17	506.175	125.05	\$28.90	\$3,614	381.13							\$	3,614	\$	2,717	\$	897
5/6/2019	18	502.318	119.45	\$27.15	\$3,243	382.87							\$	3,243	\$	2,552	\$	691
5/6/2019	19	495.637	114.16	\$31.49	\$3,595	381.48							\$	3,595	\$	2,960	\$	635
5/6/2019	20	492.493	109.75	\$29.68	\$3,257	382.74							\$	3,257	\$	2,790	\$	467
5/6/2019	21	457.073	74.47	\$23.93	\$1,782	382.6							\$	1,782	\$	1,782	\$	-
5/6/2019	22	413.332	31.45	\$21.43	\$674	381.88							\$	674	\$	674	\$	-
5/6/2019	23	383.836	1.79	\$19.10	\$34	382.05							\$	34	\$	34	\$	-

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)	
5/7/2019	0	364.173			\$0	381.16							\$	-	\$	-
5/7/2019	1	348.375			\$0	381.15							\$	-	\$	-
5/7/2019	2	340.464			\$0	381.21							\$	-	\$	-
5/7/2019	3	344.403			\$0	381.11							\$	-	\$	-
5/7/2019	4	364.11			\$0	380.69							\$	-	\$	-
5/7/2019	5	402.5	20.97	\$23.46	\$492	381.53							\$	492	\$	492
5/7/2019	6	428.054	45.93	\$24.60	\$1,130	382.12							\$	1,130	\$	1,130
5/7/2019	7	441.657	61.26	\$25.61	\$1,569	380.4							\$	1,569	\$	1,569
5/7/2019	8	458.365	77.17	\$25.78	\$1,989	381.2							\$	1,989	\$	1,989
5/7/2019	9	476.816	95.64	\$27.78	\$2,657	381.17							\$	2,657	\$	2,611
5/7/2019	10	489.549	108.71	\$27.04	\$2,940	380.84							\$	2,940	\$	2,542
5/7/2019	11	503.3	120.3	\$28.43	\$3,420	383							\$	3,420	\$	2,672
5/7/2019	12	513.989	128.99	\$28.56	\$3,684	385							\$	3,684	\$	2,685
5/7/2019	13	527.826	140.83	\$28.78	\$4,053	387							\$	4,053	\$	2,705
5/7/2019	14	536.539	151.54	\$28.55	\$4,326	385							\$	4,326	\$	2,684
5/7/2019	15	535.273	149.27	\$28.70	\$4,284	386							\$	4,284	\$	2,698
5/7/2019	16	527.399	140.4	\$28.68	\$4,027	387							\$	4,027	\$	2,696
5/7/2019	17	516.55	131.55	\$27.55	\$3,624	385							\$	3,624	\$	2,590
5/7/2019	18	512.543	137.54	\$26.15	\$3,597	375							\$	3,597	\$	2,458
5/7/2019	19	513.584	145.58	\$28.80	\$4,193	368							\$	4,193	\$	2,707
5/7/2019	20	499.721	133.72	\$27.29	\$3,649	366							\$	3,649	\$	2,565
5/7/2019	21	470.566	104.57	\$22.93	\$2,398	366							\$	2,398	\$	2,155
5/7/2019	22	430.524	64.52	\$20.16	\$1,301	366							\$	1,301	\$	1,301
5/7/2019	23	397.203	32.2	\$18.15	\$584	365							\$	584	\$	584
5/8/2019	0	381.621	15.62	\$18.09	\$283	366							\$	283	\$	283
5/8/2019	1	365.93	0.93	\$16.73	\$16	365							\$	16	\$	16
5/8/2019	2	358.057			\$0	366							\$	-	\$	-
5/8/2019	3	359.004			\$0	365							\$	-	\$	-
5/8/2019	4	377.583	22.58	\$19.33	\$436	355							\$	436	\$	436
5/8/2019	5	414.905	49.91	\$21.88	\$1,092	365							\$	1,092	\$	1,092
5/8/2019	6	436.535	71.54	\$22.25	\$1,592	365							\$	1,592	\$	1,592
5/8/2019	7	451.265	87.27	\$23.20	\$2,025	364							\$	2,025	\$	2,025
5/8/2019	8	467.095	101.1	\$23.63	\$2,389	366							\$	2,389	\$	2,221
5/8/2019	9	481.626	75.63	\$25.05	\$1,895	406							\$	1,895	\$	1,895
5/8/2019	10	495.178	0	\$0.00	\$0	493							\$	-	\$	-
5/8/2019	11	515.638	0	\$0.00	\$0	553		31					\$	-	\$	-
5/8/2019	12	536.13	0	\$0.00	\$0	556		80					\$	-	\$	-
5/8/2019	13	552.746	0	\$0.00	\$0	555		54					\$	-	\$	-
5/8/2019	14	572.215	7.22	\$27.19	\$196	557		8					\$	196	\$	196
5/8/2019	15	584.621	27.62	\$27.35	\$755	557							\$	755	\$	755
5/8/2019	16	591.397	87.4	\$27.47	\$2,401	504							\$	2,401	\$	2,401
5/8/2019	17	587.577	152.58	\$26.92	\$4,107	435							\$	4,107	\$	2,530
5/8/2019	18	576.768	200.77	\$25.56	\$5,132	376							\$	5,132	\$	2,403
5/8/2019	19	568.911	213.91	\$26.77	\$5,726	355							\$	5,726	\$	2,516
5/8/2019	20	563.002	198	\$24.80	\$4,910	365							\$	4,910	\$	2,331
5/8/2019	21	522.212	158.21	\$21.53	\$3,406	364							\$	3,406	\$	2,024
5/8/2019	22	473.503	108.5	\$20.07	\$2,178	365							\$	2,178	\$	1,887
5/8/2019	23	439.298	74.3	\$17.25	\$1,282	365							\$	1,282	\$	1,282
5/9/2019	0	416.812	52.81	\$17.03	\$899	364							\$	899	\$	899
5/9/2019	1	399.075	36.08	\$16.36	\$590	363							\$	590	\$	590
5/9/2019	2	388.275	23.28	\$16.01	\$373	365							\$	373	\$	373
5/9/2019	3	390.244	25.24	\$16.55	\$418	365							\$	418	\$	418
5/9/2019	4	410.902	45.9	\$18.52	\$850	365							\$	850	\$	850
5/9/2019	5	452.934	86.93	\$21.51	\$1,870	366							\$	1,870	\$	1,870
5/9/2019	6	472.425	78.43	\$21.91	\$1,718	394							\$	1,718	\$	1,718
5/9/2019	7	487.062	71.06	\$21.90	\$1,556	406							\$	1,556	\$	1,556

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)			
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6		
5/9/2019	8	504.596			\$0	464		77				\$	-	\$	-	\$	-
5/9/2019	9	523.247			\$0	545		79				\$	-	\$	-	\$	-
5/9/2019	10	541.4			\$0	591		56				\$	-	\$	-	\$	-
5/9/2019	11	553.486			\$0	602		1				\$	-	\$	-	\$	-
5/9/2019	12	552.406			\$0	598						\$	-	\$	-	\$	-
5/9/2019	13	556.748			\$0	600						\$	-	\$	-	\$	-
5/9/2019	14	559.698			\$0	602						\$	-	\$	-	\$	-
5/9/2019	15	546.743			\$0	586						\$	-	\$	-	\$	-
5/9/2019	16	536.988			\$0	573						\$	-	\$	-	\$	-
5/9/2019	17	522.309			\$0	538						\$	-	\$	-	\$	-
5/9/2019	18	514.469			\$0	583						\$	-	\$	-	\$	-
5/9/2019	19	515.343			\$0	594						\$	-	\$	-	\$	-
5/9/2019	20	512.541			\$0	601						\$	-	\$	-	\$	-
5/9/2019	21	481.336			\$0	567						\$	-	\$	-	\$	-
5/9/2019	22	448.382			\$0	479						\$	-	\$	-	\$	-
5/9/2019	23	419.089	3.09	\$20.15	\$62	416						\$	62	\$	62	\$	-
5/10/2019	0	396.572	41.57	\$20.02	\$832	355						\$	832	\$	832	\$	-
5/10/2019	1	384.748	16.75	\$19.65	\$329	368						\$	329	\$	329	\$	-
5/10/2019	2	375.774	8.77	\$19.61	\$172	367						\$	172	\$	172	\$	-
5/10/2019	3	368.853	1.85	\$19.86	\$37	367						\$	37	\$	37	\$	-
5/10/2019	4	386.376	11.38	\$21.31	\$243	375						\$	243	\$	243	\$	-
5/10/2019	5	423.77	1.77	\$24.97	\$44	422						\$	44	\$	44	\$	-
5/10/2019	6	446.175			\$0	490						\$	-	\$	-	\$	-
5/10/2019	7	454.644			\$0	558						\$	-	\$	-	\$	-
5/10/2019	8	463.243			\$0	584						\$	-	\$	-	\$	-
5/10/2019	9	463.085			\$0	586						\$	-	\$	-	\$	-
5/10/2019	10	465.033			\$0	598						\$	-	\$	-	\$	-
5/10/2019	11	463.97			\$0	594						\$	-	\$	-	\$	-
5/10/2019	12	461.964			\$0	602						\$	-	\$	-	\$	-
5/10/2019	13	454.051			\$0	604						\$	-	\$	-	\$	-
5/10/2019	14	446.183			\$0	602						\$	-	\$	-	\$	-
5/10/2019	15	440.183			\$0	602						\$	-	\$	-	\$	-
5/10/2019	16	434.243			\$0	601						\$	-	\$	-	\$	-
5/10/2019	17	425.512			\$0	586						\$	-	\$	-	\$	-
5/10/2019	18	419.453			\$0	592						\$	-	\$	-	\$	-
5/10/2019	19	424.501			\$0	592						\$	-	\$	-	\$	-
5/10/2019	20	429.552			\$0	589						\$	-	\$	-	\$	-
5/10/2019	21	407.172			\$0	556						\$	-	\$	-	\$	-
5/10/2019	22	381.146			\$0	496						\$	-	\$	-	\$	-
5/10/2019	23	358.836			\$0	449						\$	-	\$	-	\$	-
5/11/2019	0	345.401			\$0	419						\$	-	\$	-	\$	-
5/11/2019	1	332.696			\$0	359						\$	-	\$	-	\$	-
5/11/2019	2	325.752			\$0	366						\$	-	\$	-	\$	-
5/11/2019	3	323.779			\$0	366						\$	-	\$	-	\$	-
5/11/2019	4	329.707			\$0	366						\$	-	\$	-	\$	-
5/11/2019	5	334.648			\$0	366						\$	-	\$	-	\$	-
5/11/2019	6	347.453			\$0	377						\$	-	\$	-	\$	-
5/11/2019	7	368.85			\$0	417						\$	-	\$	-	\$	-
5/11/2019	8	385.612			\$0	421						\$	-	\$	-	\$	-
5/11/2019	9	392.371			\$0	411						\$	-	\$	-	\$	-
5/11/2019	10	393.283			\$0	419						\$	-	\$	-	\$	-
5/11/2019	11	393.14			\$0	421						\$	-	\$	-	\$	-
5/11/2019	12	395.067			\$0	418						\$	-	\$	-	\$	-
5/11/2019	13	396.203	17.2	\$22.17	\$381	379						\$	381	\$	381	\$	-
5/11/2019	14	400.378	35.38	\$21.96	\$777	365						\$	777	\$	777	\$	-
5/11/2019	15	401.349	27.35	\$21.86	\$598	374						\$	598	\$	598	\$	-



Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)	
5/11/2019	16	399.293			\$0	401							\$	-	\$	-
5/11/2019	17	395.321	18.32	\$21.70	\$398	377							\$	398	\$	398
5/11/2019	18	397.408	30.41	\$21.81	\$663	367							\$	663	\$	663
5/11/2019	19	402.33	66.33	\$23.44	\$1,555	336							\$	1,555	\$	1,555
5/11/2019	20	399.223	6.22	\$22.99	\$143	393							\$	143	\$	143
5/11/2019	21	381.658	15.66	\$21.22	\$332	366							\$	332	\$	332
5/11/2019	22	356.056			\$0	368							\$	-	\$	-
5/11/2019	23	332.504			\$0	421							\$	-	\$	-
5/12/2019	0	315.701			\$0	405							\$	-	\$	-
5/12/2019	1	305.901			\$0	366							\$	-	\$	-
5/12/2019	2	300.92			\$0	365							\$	-	\$	-
5/12/2019	3	299.954			\$0	367							\$	-	\$	-
5/12/2019	4	302.883			\$0	367							\$	-	\$	-
5/12/2019	5	312.821			\$0	365							\$	-	\$	-
5/12/2019	6	325.684			\$0	366							\$	-	\$	-
5/12/2019	7	343.496			\$0	372							\$	-	\$	-
5/12/2019	8	358.066			\$0	382							\$	-	\$	-
5/12/2019	9	372.801	3.8	\$22.23	\$84	369							\$	84	\$	84
5/12/2019	10	378.625	12.63	\$22.30	\$282	366							\$	282	\$	282
5/12/2019	11	379.403			\$0	410							\$	-	\$	-
5/12/2019	12	378.47			\$0	394							\$	-	\$	-
5/12/2019	13	372.652	35.65	\$21.87	\$780	337							\$	780	\$	780
5/12/2019	14	372.688			\$0	382							\$	-	\$	-
5/12/2019	15	377.555			\$0	391							\$	-	\$	-
5/12/2019	16	380.29			\$0	430							\$	-	\$	-
5/12/2019	17	383.939			\$0	495							\$	-	\$	-
5/12/2019	18	391.018			\$0	493							\$	-	\$	-
5/12/2019	19	404.863			\$0	480							\$	-	\$	-
5/12/2019	20	401.751			\$0	523							\$	-	\$	-
5/12/2019	21	377.325			\$0	461							\$	-	\$	-
5/12/2019	22	355.966			\$0	398							\$	-	\$	-
5/12/2019	23	341.334			\$0	366							\$	-	\$	-
5/13/2019	0	328.514			\$0	367							\$	-	\$	-
5/13/2019	1	323.722			\$0	357							\$	-	\$	-
5/13/2019	2	324.782			\$0	365							\$	-	\$	-
5/13/2019	3	333.649			\$0	346							\$	-	\$	-
5/13/2019	4	360.205			\$0	369							\$	-	\$	-
5/13/2019	5	401.91	5.91	\$24.15	\$143	396							\$	143	\$	143
5/13/2019	6	427.078	9.08	\$26.11	\$237	418							\$	237	\$	237
5/13/2019	7	442.557	5.56	\$27.00	\$150	437							\$	150	\$	150
5/13/2019	8	452.031			\$0	475							\$	-	\$	-
5/13/2019	9	459.819			\$0	527							\$	-	\$	-
5/13/2019	10	458.786			\$0	562							\$	-	\$	-
5/13/2019	11	456.742			\$0	584							\$	-	\$	-
5/13/2019	12	457.728			\$0	565							\$	-	\$	-
5/13/2019	13	447.798			\$0	601							\$	-	\$	-
5/13/2019	14	445.854			\$0	599							\$	-	\$	-
5/13/2019	15	445.815			\$0	599							\$	-	\$	-
5/13/2019	16	449.795			\$0	587							\$	-	\$	-
5/13/2019	17	451.732			\$0	586							\$	-	\$	-
5/13/2019	18	450.675			\$0	602							\$	-	\$	-
5/13/2019	19	456.614			\$0	602							\$	-	\$	-
5/13/2019	20	453.859			\$0	598							\$	-	\$	-
5/13/2019	21	424.61			\$0	586							\$	-	\$	-
5/13/2019	22	397.529			\$0	536							\$	-	\$	-
5/13/2019	23	377.039			\$0	477							\$	-	\$	-

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)			
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6		
5/14/2019	0	367.248			\$0	435						\$	-	\$	-	\$	-
5/14/2019	1	348.566			\$0	442						\$	-	\$	-	\$	-
5/14/2019	2	356.573			\$0	443						\$	-	\$	-	\$	-
5/14/2019	3	366.527			\$0	442						\$	-	\$	-	\$	-
5/14/2019	4	391.189			\$0	434						\$	-	\$	-	\$	-
5/14/2019	5	430.262			\$0	488						\$	-	\$	-	\$	-
5/14/2019	6	448.561			\$0	517			43			\$	-	\$	-	\$	-
5/14/2019	7	451.887			\$0	558			84			\$	-	\$	-	\$	-
5/14/2019	8	448.749			\$0	597			88			\$	-	\$	-	\$	-
5/14/2019	9	449.696			\$0	601			59			\$	-	\$	-	\$	-
5/14/2019	10	449.785			\$0	602			60			\$	-	\$	-	\$	-
5/14/2019	11	451.805			\$0	599			34			\$	-	\$	-	\$	-
5/14/2019	12	450.864			\$0	601			32			\$	-	\$	-	\$	-
5/14/2019	13	450.956			\$0	598			7			\$	-	\$	-	\$	-
5/14/2019	14	451.88			\$0	601			5	43		\$	-	\$	-	\$	-
5/14/2019	15	453.876			\$0	603		2				\$	-	\$	-	\$	-
5/14/2019	16	452.841			\$0	603					27	\$	-	\$	-	\$	-
5/14/2019	17	449.918			\$0	593					12	\$	-	\$	-	\$	-
5/14/2019	18	447.987			\$0	569						\$	-	\$	-	\$	-
5/14/2019	19	450.352			\$0	552						\$	-	\$	-	\$	-
5/14/2019	20	454.89			\$0	543						\$	-	\$	-	\$	-
5/14/2019	21	425.644			\$0	563						\$	-	\$	-	\$	-
5/14/2019	22	391.749			\$0	536						\$	-	\$	-	\$	-
5/14/2019	23	368.3			\$0	518						\$	-	\$	-	\$	-
5/15/2019	0	353.609			\$0	483						\$	-	\$	-	\$	-
5/15/2019	1	344.771			\$0	438						\$	-	\$	-	\$	-
5/15/2019	2	341.813			\$0	425						\$	-	\$	-	\$	-
5/15/2019	3	348.683			\$0	444						\$	-	\$	-	\$	-
5/15/2019	4	370.399			\$0	445						\$	-	\$	-	\$	-
5/15/2019	5	408.423			\$0	492						\$	-	\$	-	\$	-
5/15/2019	6	430.675			\$0	530				36		\$	-	\$	-	\$	-
5/15/2019	7	436.983			\$0	577				81		\$	-	\$	-	\$	-
5/15/2019	8	445.941			\$0	601				80		\$	-	\$	-	\$	-
5/15/2019	9	448.92			\$0	559				71		\$	-	\$	-	\$	-
5/15/2019	10	453.788			\$0	567				64	33	\$	-	\$	-	\$	-
5/15/2019	11	460.818	0	\$0.00	\$0	515				41	75	\$	-	\$	-	\$	-
5/15/2019	12	467.974	7.97	\$28.34	\$226	377				6	77	\$	226	\$	226	\$	-
5/15/2019	13	465.017	0	\$0.00	\$0	406					71	\$	-	\$	-	\$	-
5/15/2019	14	465.962	0	\$0.00	\$0	518					35	\$	-	\$	-	\$	-
5/15/2019	15	464.016	0	\$0.00	\$0	529					4	\$	-	\$	-	\$	-
5/15/2019	16	461.946			\$0	529						\$	-	\$	-	\$	-
5/15/2019	17	458			\$0	592						\$	-	\$	-	\$	-
5/15/2019	18	456.822			\$0	585						\$	-	\$	-	\$	-
5/15/2019	19	455.899			\$0	593						\$	-	\$	-	\$	-
5/15/2019	20	464.702			\$0	603						\$	-	\$	-	\$	-
5/15/2019	21	434.354			\$0	590						\$	-	\$	-	\$	-
5/15/2019	22	398.49			\$0	504						\$	-	\$	-	\$	-
5/15/2019	23	374.122			\$0	442						\$	-	\$	-	\$	-
5/16/2019	0	357.39			\$0	443						\$	-	\$	-	\$	-
5/16/2019	1	348.591			\$0	444						\$	-	\$	-	\$	-
5/16/2019	2	344.728			\$0	431						\$	-	\$	-	\$	-
5/16/2019	3	350.642			\$0	443						\$	-	\$	-	\$	-
5/16/2019	4	368.207			\$0	443						\$	-	\$	-	\$	-
5/16/2019	5	403.461			\$0	444						\$	-	\$	-	\$	-
5/16/2019	6	426.752			\$0	447						\$	-	\$	-	\$	-
5/16/2019	7	439.155			\$0	462				51		\$	-	\$	-	\$	-

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
5/16/2019	8	435.101			\$0	475					78		\$ -	\$ -	\$ -
5/16/2019	9	446.754			\$0	506					68		\$ -	\$ -	\$ -
5/16/2019	10	473.203			\$0	565					53		\$ -	\$ -	\$ -
5/16/2019	11	482.957			\$0	601					46		\$ -	\$ -	\$ -
5/16/2019	12	494.78			\$0	588					30		\$ -	\$ -	\$ -
5/16/2019	13	504.043			\$0	602					21		\$ -	\$ -	\$ -
5/16/2019	14	510.078			\$0	602					5		\$ -	\$ -	\$ -
5/16/2019	15	520.125			\$0	602					4		\$ -	\$ -	\$ -
5/16/2019	16	515.271			\$0	600							\$ -	\$ -	\$ -
5/16/2019	17	504.248			\$0	603							\$ -	\$ -	\$ -
5/16/2019	18	512.035			\$0	604							\$ -	\$ -	\$ -
5/16/2019	19	510.083			\$0	597							\$ -	\$ -	\$ -
5/16/2019	20	492.323			\$0	602							\$ -	\$ -	\$ -
5/16/2019	21	461.157			\$0	541							\$ -	\$ -	\$ -
5/16/2019	22	424.268			\$0	460							\$ -	\$ -	\$ -
5/16/2019	23	397.717			\$0	443							\$ -	\$ -	\$ -
5/17/2019	0	376.168			\$0	441							\$ -	\$ -	\$ -
5/17/2019	1	363.422			\$0	443							\$ -	\$ -	\$ -
5/17/2019	2	358.595			\$0	442							\$ -	\$ -	\$ -
5/17/2019	3	362.601			\$0	444							\$ -	\$ -	\$ -
5/17/2019	4	381.387			\$0	444							\$ -	\$ -	\$ -
5/17/2019	5	420.395			\$0	444							\$ -	\$ -	\$ -
5/17/2019	6	445.781			\$0	501						2	\$ -	\$ -	\$ -
5/17/2019	7	461.207			\$0	558						72	\$ -	\$ -	\$ -
5/17/2019	8	481.71			\$0	589						76	\$ -	\$ -	\$ -
5/17/2019	9	508.199			\$0	599						60	\$ -	\$ -	\$ -
5/17/2019	10	531.797			\$0	599						52	\$ -	\$ -	\$ -
5/17/2019	11	553.653			\$0	592						38	\$ -	\$ -	\$ -
5/17/2019	12	571.329			\$0	603						30	\$ -	\$ -	\$ -
5/17/2019	13	584.073	0	\$0.00	\$0	602					37	15	\$ -	\$ -	\$ -
5/17/2019	14	590.952	0	\$0.00	\$0	593					70	5	\$ -	\$ -	\$ -
5/17/2019	15	595.732	0	\$0.00	\$0	602					71	4	\$ -	\$ -	\$ -
5/17/2019	16	572.036	0	\$0.00	\$0	604					33		\$ -	\$ -	\$ -
5/17/2019	17	551.315	0	\$0.00	\$0	604					12		\$ -	\$ -	\$ -
5/17/2019	18	535.581			\$0	597							\$ -	\$ -	\$ -
5/17/2019	19	525.72			\$0	600							\$ -	\$ -	\$ -
5/17/2019	20	520.621			\$0	600							\$ -	\$ -	\$ -
5/17/2019	21	491.345			\$0	585							\$ -	\$ -	\$ -
5/17/2019	22	455.438			\$0	529							\$ -	\$ -	\$ -
5/17/2019	23	421.284	0	\$0.00	\$0	517							\$ -	\$ -	\$ -
5/18/2019	0	396.103			\$0	497							\$ -	\$ -	\$ -
5/18/2019	1	374.451			\$0	454							\$ -	\$ -	\$ -
5/18/2019	2	361.656			\$0	443							\$ -	\$ -	\$ -
5/18/2019	3	357.707			\$0	444							\$ -	\$ -	\$ -
5/18/2019	4	359.608			\$0	443							\$ -	\$ -	\$ -
5/18/2019	5	361.56			\$0	444							\$ -	\$ -	\$ -
5/18/2019	6	385.235			\$0	444							\$ -	\$ -	\$ -
5/18/2019	7	424.683			\$0	434							\$ -	\$ -	\$ -
5/18/2019	8	464.765	14.77	\$22.23	\$328	450							\$ 328	\$ 328	\$ -
5/18/2019	9	499.589	0.59	\$24.04	\$14	499							\$ 14	\$ 14	\$ -
5/18/2019	10	525.425			\$0	578							\$ -	\$ -	\$ -
5/18/2019	11	545.761			\$0	604							\$ -	\$ -	\$ -
5/18/2019	12	560.572			\$0	601							\$ -	\$ -	\$ -
5/18/2019	13	573.058			\$0	604							\$ -	\$ -	\$ -
5/18/2019	14	582.23			\$0	605							\$ -	\$ -	\$ -
5/18/2019	15	590.872			\$0	605							\$ -	\$ -	\$ -

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)				
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6			
5/18/2019	16	595.683			\$0	604							\$	-	\$	-	\$	-
5/18/2019	17	584.947			\$0	587							\$	-	\$	-	\$	-
5/18/2019	18	570.37			\$0	603							\$	-	\$	-	\$	-
5/18/2019	19	551.552			\$0	602							\$	-	\$	-	\$	-
5/18/2019	20	544.608			\$0	601					1		\$	-	\$	-	\$	-
5/18/2019	21	515.47			\$0	590							\$	-	\$	-	\$	-
5/18/2019	22	479.403			\$0	549							\$	-	\$	-	\$	-
5/18/2019	23	446.343			\$0	509							\$	-	\$	-	\$	-
5/19/2019	0	415.226			\$0	457							\$	-	\$	-	\$	-
5/19/2019	1	394.648			\$0	444							\$	-	\$	-	\$	-
5/19/2019	2	379.938			\$0	443							\$	-	\$	-	\$	-
5/19/2019	3	371.118			\$0	443							\$	-	\$	-	\$	-
5/19/2019	4	369.138			\$0	430							\$	-	\$	-	\$	-
5/19/2019	5	369.559			\$0	443							\$	-	\$	-	\$	-
5/19/2019	6	385.057			\$0	443							\$	-	\$	-	\$	-
5/19/2019	7	418.455			\$0	443							\$	-	\$	-	\$	-
5/19/2019	8	457.348	11.35	\$21.39	\$243	446							\$	243	\$	243	\$	-
5/19/2019	9	487.373	32.37	\$22.18	\$718	455							\$	718	\$	718	\$	-
5/19/2019	10	501.118	0	\$0.00	\$0	510							\$	-	\$	-	\$	-
5/19/2019	11	492.387			\$0	518							\$	-	\$	-	\$	-
5/19/2019	12	495.588	16.59	\$28.32	\$470	479							\$	470	\$	470	\$	-
5/19/2019	13	493.277			\$0	539							\$	-	\$	-	\$	-
5/19/2019	14	493.332			\$0	598							\$	-	\$	-	\$	-
5/19/2019	15	479.598			\$0	596							\$	-	\$	-	\$	-
5/19/2019	16	480.541			\$0	593							\$	-	\$	-	\$	-
5/19/2019	17	478.469			\$0	586							\$	-	\$	-	\$	-
5/19/2019	18	479.681			\$0	604							\$	-	\$	-	\$	-
5/19/2019	19	480.888			\$0	603							\$	-	\$	-	\$	-
5/19/2019	20	477.932			\$0	597							\$	-	\$	-	\$	-
5/19/2019	21	449.481			\$0	592							\$	-	\$	-	\$	-
5/19/2019	22	400.472			\$0	560							\$	-	\$	-	\$	-
5/19/2019	23	383.548			\$0	508							\$	-	\$	-	\$	-
5/20/2019	0	366.187			\$0	466							\$	-	\$	-	\$	-
5/20/2019	1	354.503			\$0	444							\$	-	\$	-	\$	-
5/20/2019	2	350.712			\$0	445							\$	-	\$	-	\$	-
5/20/2019	3	357.752			\$0	443							\$	-	\$	-	\$	-
5/20/2019	4	377.413			\$0	444							\$	-	\$	-	\$	-
5/20/2019	5	413.795			\$0	435							\$	-	\$	-	\$	-
5/20/2019	6	435.26			\$0	456					1		\$	-	\$	-	\$	-
5/20/2019	7	454.54			\$0	512							\$	-	\$	-	\$	-
5/20/2019	8	470.015			\$0	504						29	\$	-	\$	-	\$	-
5/20/2019	9	478.576			\$0	499						75	\$	-	\$	-	\$	-
5/20/2019	10	488.275			\$0	537						77	\$	-	\$	-	\$	-
5/20/2019	11	495.822			\$0	581			69			48	\$	-	\$	-	\$	-
5/20/2019	12	504.656			\$0	604			79			11	\$	-	\$	-	\$	-
5/20/2019	13	510.602			\$0	600			79				\$	-	\$	-	\$	-
5/20/2019	14	519.502			\$0	604			58				\$	-	\$	-	\$	-
5/20/2019	15	527.563			\$0	603			7				\$	-	\$	-	\$	-
5/20/2019	16	525.619			\$0	601							\$	-	\$	-	\$	-
5/20/2019	17	518.834			\$0	601							\$	-	\$	-	\$	-
5/20/2019	18	502.103			\$0	603							\$	-	\$	-	\$	-
5/20/2019	19	485.621			\$0	582							\$	-	\$	-	\$	-
5/20/2019	20	480.054			\$0	595							\$	-	\$	-	\$	-
5/20/2019	21	444.876			\$0	558							\$	-	\$	-	\$	-
5/20/2019	22	406.894			\$0	522							\$	-	\$	-	\$	-
5/20/2019	23	381.465			\$0	456							\$	-	\$	-	\$	-

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)				
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6			
5/21/2019	0	342.035			\$0	443							\$	-	\$	-	\$	-
5/21/2019	1	348.037			\$0	443							\$	-	\$	-	\$	-
5/21/2019	2	342.064			\$0	443							\$	-	\$	-	\$	-
5/21/2019	3	345.913			\$0	444							\$	-	\$	-	\$	-
5/21/2019	4	362.788			\$0	443							\$	-	\$	-	\$	-
5/21/2019	5	392.448			\$0	446							\$	-	\$	-	\$	-
5/21/2019	6	420.001			\$0	445							\$	-	\$	-	\$	-
5/21/2019	7	434.459			\$0	444					47		\$	-	\$	-	\$	-
5/21/2019	8	438.315			\$0	445					61		\$	-	\$	-	\$	-
5/21/2019	9	445.112	2.11	\$23.05	\$49	443							\$	49	\$	49	\$	-
5/21/2019	10	445.203	14.2	\$23.14	\$329	431							\$	329	\$	329	\$	-
5/21/2019	11	453.114			\$0	455							\$	-	\$	-	\$	-
5/21/2019	12	460.733			\$0	470			27				\$	-	\$	-	\$	-
5/21/2019	13	461.549	11.55	\$23.97	\$277	446			4				\$	277	\$	277	\$	-
5/21/2019	14	464.62	16.62	\$23.69	\$394	448							\$	394	\$	394	\$	-
5/21/2019	15	443.584			\$0	459							\$	-	\$	-	\$	-
5/21/2019	16	477.058	18.06	\$24.07	\$435	459							\$	435	\$	435	\$	-
5/21/2019	17	480.13	23.13	\$23.37	\$541	457							\$	541	\$	541	\$	-
5/21/2019	18	471.343	26.34	\$22.93	\$604	445							\$	604	\$	604	\$	-
5/21/2019	19	469.576	23.58	\$23.96	\$565	446							\$	565	\$	565	\$	-
5/21/2019	20	474.563	22.56	\$22.79	\$514	452							\$	514	\$	514	\$	-
5/21/2019	21	442.405			\$0	445							\$	-	\$	-	\$	-
5/21/2019	22	406.141			\$0	414							\$	-	\$	-	\$	-
5/21/2019	23	378.65			\$0	437							\$	-	\$	-	\$	-
5/22/2019	0	362.794			\$0	442							\$	-	\$	-	\$	-
5/22/2019	1	350.005			\$0	443							\$	-	\$	-	\$	-
5/22/2019	2	345.188			\$0	443							\$	-	\$	-	\$	-
5/22/2019	3	346.062			\$0	441							\$	-	\$	-	\$	-
5/22/2019	4	368.759			\$0	443							\$	-	\$	-	\$	-
5/22/2019	5	405.222			\$0	448							\$	-	\$	-	\$	-
5/22/2019	6	436.899			\$0	443					8		\$	-	\$	-	\$	-
5/22/2019	7	454.752	0	\$0.00	\$0	444					1		\$	-	\$	-	\$	-
5/22/2019	8	474.437			\$0	442							\$	-	\$	-	\$	-
5/22/2019	9	493.764			\$0	446							\$	-	\$	-	\$	-
5/22/2019	10	521.043	3.04	\$23.91	\$73	455							\$	73	\$	73	\$	-
5/22/2019	11	544.418			\$0	491							\$	-	\$	-	\$	-
5/22/2019	12	563.957			\$0	558							\$	-	\$	-	\$	-
5/22/2019	13	578.784			\$0	571							\$	-	\$	-	\$	-
5/22/2019	14	584.622			\$0	589							\$	-	\$	-	\$	-
5/22/2019	15	576.689			\$0	602							\$	-	\$	-	\$	-
5/22/2019	16	576.777			\$0	602					19		\$	-	\$	-	\$	-
5/22/2019	17	565.959			\$0	601							\$	-	\$	-	\$	-
5/22/2019	18	559.264			\$0	600							\$	-	\$	-	\$	-
5/22/2019	19	554.245			\$0	598							\$	-	\$	-	\$	-
5/22/2019	20	555.291			\$0	601							\$	-	\$	-	\$	-
5/22/2019	21	520.993			\$0	585							\$	-	\$	-	\$	-
5/22/2019	22	477.943			\$0	522							\$	-	\$	-	\$	-
5/22/2019	23	444.732			\$0	470							\$	-	\$	-	\$	-
5/23/2019	0	423.204			\$0	443							\$	-	\$	-	\$	-
5/23/2019	1	407.502			\$0	441							\$	-	\$	-	\$	-
5/23/2019	2	396.405			\$0	443							\$	-	\$	-	\$	-
5/23/2019	3	398.298			\$0	443							\$	-	\$	-	\$	-
5/23/2019	4	421.088			\$0	443							\$	-	\$	-	\$	-
5/23/2019	5	459.378	16.38	\$19.73	\$323	443							\$	323	\$	323	\$	-
5/23/2019	6	487.87	0	\$0.00	\$0	454					42		\$	-	\$	-	\$	-
5/23/2019	7	511.344	0	\$0.00	\$0	445					73		\$	-	\$	-	\$	-

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Demand (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)	
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6
5/23/2019	8	511.999			\$0	460					76		\$ -	\$ -	\$ -
5/23/2019	9	514.61			\$0	507	44				76		\$ -	\$ -	\$ -
5/23/2019	10	522.691			\$0	505	78				66		\$ -	\$ -	\$ -
5/23/2019	11	524.742			\$0	548	80				65		\$ -	\$ -	\$ -
5/23/2019	12	548.262			\$0	588	53				53		\$ -	\$ -	\$ -
5/23/2019	13	585.626	0	\$0.00	\$0	598	2				52		\$ -	\$ -	\$ -
5/23/2019	14	619.105			\$0	603					41		\$ -	\$ -	\$ -
5/23/2019	15	627.876	0.88	\$41.65	\$37	586					41	37	\$ 37	\$ 37	\$ -
5/23/2019	16	590.224			\$0	604					10		\$ -	\$ -	\$ -
5/23/2019	17	564.646	0	\$0.00	\$0	603							\$ -	\$ -	\$ -
5/23/2019	18	557.76	0	\$0.00	\$0	603							\$ -	\$ -	\$ -
5/23/2019	19	555.811			\$0	602							\$ -	\$ -	\$ -
5/23/2019	20	557.872			\$0	602							\$ -	\$ -	\$ -
5/23/2019	21	526.388			\$0	601							\$ -	\$ -	\$ -
5/23/2019	22	484.369			\$0	573							\$ -	\$ -	\$ -
5/23/2019	23	450.654	0	\$0.00	\$0	511							\$ -	\$ -	\$ -
5/24/2019	0	427.373			\$0	444							\$ -	\$ -	\$ -
5/24/2019	1	409.652			\$0	444							\$ -	\$ -	\$ -
5/24/2019	2	398.825			\$0	443							\$ -	\$ -	\$ -
5/24/2019	3	397.792			\$0	442							\$ -	\$ -	\$ -
5/24/2019	4	415.497			\$0	465							\$ -	\$ -	\$ -
5/24/2019	5	447.105			\$0	453							\$ -	\$ -	\$ -
5/24/2019	6	486.395	33.4	\$20.95	\$700	453						700	\$ 700	\$ 700	\$ -
5/24/2019	7	512.621			\$0	487	46						\$ -	\$ -	\$ -
5/24/2019	8	532.946			\$0	508	77						\$ -	\$ -	\$ -
5/24/2019	9	573.089			\$0	558	72						\$ -	\$ -	\$ -
5/24/2019	10	609.643			\$0	597	65						\$ -	\$ -	\$ -
5/24/2019	11	628.437			\$0	602	60						\$ -	\$ -	\$ -
5/24/2019	12	646.225			\$0	602	52						\$ -	\$ -	\$ -
5/24/2019	13	659.085	11.09	\$29.38	\$326	604	44					326	\$ 326	\$ 326	\$ -
5/24/2019	14	670.851	28.85	\$33.73	\$973	603	39					973	\$ 973	\$ 973	\$ -
5/24/2019	15	677.632	47.63	\$37.63	\$1,792	601	29					1,792	\$ 1,792	\$ 1,792	\$ -
5/24/2019	16	682.435	79.44	\$35.49	\$2,819	603						2,819	\$ 2,819	\$ 2,819	\$ -
5/24/2019	17	669.709	64.71	\$29.54	\$1,912	605						1,912	\$ 1,912	\$ 1,912	\$ -
5/24/2019	18	651.934	49.93	\$25.88	\$1,292	602						1,292	\$ 1,292	\$ 1,292	\$ -
5/24/2019	19	620.44	19.44	\$25.03	\$487	601						487	\$ 487	\$ 487	\$ -
5/24/2019	20	600.636	14.64	\$24.23	\$355	586						355	\$ 355	\$ 355	\$ -
5/24/2019	21	565.434	1.43	\$20.78	\$30	564						30	\$ 30	\$ 30	\$ -
5/24/2019	22	520.609	2.61	\$19.57	\$51	518						51	\$ 51	\$ 51	\$ -
5/24/2019	23	477.644	12.64	\$18.75	\$237	465						237	\$ 237	\$ 237	\$ -
5/25/2019	0	441.073			\$0	443							\$ -	\$ -	\$ -
5/25/2019	1	412.433			\$0	442							\$ -	\$ -	\$ -
5/25/2019	2	395.595			\$0	441							\$ -	\$ -	\$ -
5/25/2019	3	386.76			\$0	443							\$ -	\$ -	\$ -
5/25/2019	4	384.705			\$0	444							\$ -	\$ -	\$ -
5/25/2019	5	382.695			\$0	443							\$ -	\$ -	\$ -
5/25/2019	6	397.576			\$0	444							\$ -	\$ -	\$ -
5/25/2019	7	425.179	0	\$0.00	\$0	443							\$ -	\$ -	\$ -
5/25/2019	8	468.453	21.45	\$21.47	\$461	447						461	\$ 461	\$ 461	\$ -
5/25/2019	9	514.357	39.36	\$23.05	\$907	475						907	\$ 907	\$ 907	\$ -
5/25/2019	10	535.583	2.58	\$24.16	\$62	533						62	\$ 62	\$ 62	\$ -
5/25/2019	11	576.811	7.81	\$29.10	\$227	569						227	\$ 227	\$ 227	\$ -
5/25/2019	12	594.544			\$0	598							\$ -	\$ -	\$ -
5/25/2019	13	602.254			\$0	603							\$ -	\$ -	\$ -
5/25/2019	14	605.185	4.19	\$34.79	\$146	601						146	\$ 146	\$ 146	\$ -
5/25/2019	15	615.1	16.1	\$37.98	\$611	599						611	\$ 611	\$ 611	\$ -

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
5/25/2019	16	609.428	10.43	\$38.54	\$402	599							\$ 402	\$ 402	\$ -
5/25/2019	17	576.037	0	\$0.00	\$0	602							\$ -	\$ -	\$ -
5/25/2019	18	560.329			\$0	601							\$ -	\$ -	\$ -
5/25/2019	19	542.476			\$0	597							\$ -	\$ -	\$ -
5/25/2019	20	537.557			\$0	601							\$ -	\$ -	\$ -
5/25/2019	21	511.132			\$0	601							\$ -	\$ -	\$ -
5/25/2019	22	476.717			\$0	570							\$ -	\$ -	\$ -
5/25/2019	23	444.56	0	\$0.00	\$0	484							\$ -	\$ -	\$ -
5/26/2019	0	415.374			\$0	443							\$ -	\$ -	\$ -
5/26/2019	1	396.659			\$0	443							\$ -	\$ -	\$ -
5/26/2019	2	381.768			\$0	441							\$ -	\$ -	\$ -
5/26/2019	3	374.896			\$0	443							\$ -	\$ -	\$ -
5/26/2019	4	370.856			\$0	430							\$ -	\$ -	\$ -
5/26/2019	5	369.892			\$0	443							\$ -	\$ -	\$ -
5/26/2019	6	385.662			\$0	511							\$ -	\$ -	\$ -
5/26/2019	7	425.141			\$0	540							\$ -	\$ -	\$ -
5/26/2019	8	476.473	9.47	\$21.31	\$202	467							\$ 202	\$ 202	\$ -
5/26/2019	9	519.456	67.46	\$23.01	\$1,552	452							\$ 1,552	\$ 1,552	\$ -
5/26/2019	10	556.339	83.34	\$25.26	\$2,105	473							\$ 2,105	\$ 2,105	\$ -
5/26/2019	11	582.529	80.53	\$29.20	\$2,351	502							\$ 2,351	\$ 2,351	\$ -
5/26/2019	12	598.118	3.12	\$29.63	\$92	535			60				\$ 92	\$ 92	\$ -
5/26/2019	13	594.071			\$0	542			65				\$ -	\$ -	\$ -
5/26/2019	14	592.031	35.03	\$34.90	\$1,223	557							\$ 1,223	\$ 1,223	\$ -
5/26/2019	15	554.533			\$0	568							\$ -	\$ -	\$ -
5/26/2019	16	526.795			\$0	596							\$ -	\$ -	\$ -
5/26/2019	17	525.153			\$0	589							\$ -	\$ -	\$ -
5/26/2019	18	519.732	67.73	\$25.73	\$1,743	452							\$ 1,743	\$ 1,743	\$ -
5/26/2019	19	501.96	56.96	\$27.95	\$1,592	445							\$ 1,592	\$ 1,592	\$ -
5/26/2019	20	498.221	45.22	\$26.05	\$1,178	453							\$ 1,178	\$ 1,178	\$ -
5/26/2019	21	476.983	34.98	\$22.04	\$771	442							\$ 771	\$ 771	\$ -
5/26/2019	22	446.683	2.68	\$21.06	\$56	444							\$ 56	\$ 56	\$ -
5/26/2019	23	414.117			\$0	441							\$ -	\$ -	\$ -
5/27/2019	0	387.467			\$0	444							\$ -	\$ -	\$ -
5/27/2019	1	365.582			\$0	431							\$ -	\$ -	\$ -
5/27/2019	2	352.713			\$0	445							\$ -	\$ -	\$ -
5/27/2019	3	347.737			\$0	441							\$ -	\$ -	\$ -
5/27/2019	4	348.61			\$0	441			64				\$ -	\$ -	\$ -
5/27/2019	5	346.62			\$0	445			78				\$ -	\$ -	\$ -
5/27/2019	6	361.469			\$0	443			78				\$ -	\$ -	\$ -
5/27/2019	7	398.171			\$0	443			37				\$ -	\$ -	\$ -
5/27/2019	8	438.434			\$0	442							\$ -	\$ -	\$ -
5/27/2019	9	472.002	30	\$21.02	\$631	442							\$ 631	\$ 631	\$ -
5/27/2019	10	498.42	43.42	\$22.63	\$983	447			8				\$ 983	\$ 983	\$ -
5/27/2019	11	520.925	73.93	\$23.78	\$1,758	447							\$ 1,758	\$ 1,758	\$ -
5/27/2019	12	535.543	56.54	\$25.62	\$1,449	479							\$ 1,449	\$ 1,449	\$ -
5/27/2019	13	551.162	21.16	\$26.41	\$559	494			36				\$ 559	\$ 559	\$ -
5/27/2019	14	560.679			\$0	557			72				\$ -	\$ -	\$ -
5/27/2019	15	575.096			\$0	598			75				\$ -	\$ -	\$ -
5/27/2019	16	593.523			\$0	604			27				\$ -	\$ -	\$ -
5/27/2019	17	590.552			\$0	603							\$ -	\$ -	\$ -
5/27/2019	18	586.731			\$0	599							\$ -	\$ -	\$ -
5/27/2019	19	576.914			\$0	593							\$ -	\$ -	\$ -
5/27/2019	20	568.478			\$0	598							\$ -	\$ -	\$ -
5/27/2019	21	535.858	2.86	\$20.53	\$59	533							\$ 59	\$ 59	\$ -
5/27/2019	22	492.789	38.79	\$19.18	\$744	454							\$ 744	\$ 744	\$ -
5/27/2019	23	453.549	46.55	\$16.49	\$768	407							\$ 768	\$ 768	\$ -

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)	
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6
5/28/2019	0	426.669	31.67	\$15.52	\$492	395							\$ 492	\$ 492	\$ -
5/28/2019	1	409.733	4.73	\$14.83	\$70	405							\$ 70	\$ 70	\$ -
5/28/2019	2	401.937			\$0	404							\$ -	\$ -	\$ -
5/28/2019	3	405.95	1.95	\$14.92	\$29	404							\$ 29	\$ 29	\$ -
5/28/2019	4	431.48	25.48	\$16.39	\$418	406							\$ 418	\$ 418	\$ -
5/28/2019	5	466.91	73.91	\$18.67	\$1,380	393							\$ 1,380	\$ 1,380	\$ -
5/28/2019	6	509.9	103.9	\$20.06	\$2,084	406							\$ 2,084	\$ 1,886	\$ 199
5/28/2019	7	556.816	150.82	\$20.71	\$3,123	406							\$ 3,123	\$ 1,947	\$ 1,177
5/28/2019	8	595.629	191.63	\$22.97	\$4,402	404							\$ 4,402	\$ 2,159	\$ 2,243
5/28/2019	9	628.741	207.74	\$25.29	\$5,254	406			15				\$ 5,254	\$ 2,377	\$ 2,876
5/28/2019	10	655.066	180.07	\$28.35	\$5,105	406			69				\$ 5,105	\$ 2,665	\$ 2,440
5/28/2019	11	669.788	193.79	\$33.36	\$6,465	405			71				\$ 6,465	\$ 3,136	\$ 3,329
5/28/2019	12	686.539	218.54	\$35.23	\$7,699	406			62				\$ 7,699	\$ 3,312	\$ 4,388
5/28/2019	13	702.277	235.28	\$37.51	\$8,825	408			59				\$ 8,825	\$ 3,526	\$ 5,299
5/28/2019	14	707.045	252.05	\$42.02	\$10,591	406			49				\$ 10,591	\$ 3,950	\$ 6,641
5/28/2019	15	712.917	256.92	\$48.30	\$12,409	407			49				\$ 12,409	\$ 4,540	\$ 7,869
5/28/2019	16	712.879	266.88	\$44.03	\$11,751	406			40				\$ 11,751	\$ 4,139	\$ 7,612
5/28/2019	17	708.164	264.16	\$36.95	\$9,761	405			39				\$ 9,761	\$ 3,473	\$ 6,287
5/28/2019	18	692.615	283.62	\$34.58	\$9,808	407			2				\$ 9,808	\$ 3,251	\$ 6,557
5/28/2019	19	668.098	261.1	\$30.98	\$8,089	407							\$ 8,089	\$ 2,912	\$ 5,177
5/28/2019	20	652.31	246.31	\$28.84	\$7,104	406							\$ 7,104	\$ 2,711	\$ 4,393
5/28/2019	21	609.215	202.22	\$24.20	\$4,894	407							\$ 4,894	\$ 2,275	\$ 2,619
5/28/2019	22	557.25	163.25	\$20.72	\$3,383	394							\$ 3,383	\$ 1,948	\$ 1,435
5/28/2019	23	518.191	112.19	\$19.42	\$2,179	406							\$ 2,179	\$ 1,825	\$ 353
5/29/2019	0	484.225	78.23	\$19.16	\$1,499	406							\$ 1,499	\$ 1,499	\$ -
5/29/2019	1	460.84	54.84	\$18.95	\$1,039	406							\$ 1,039	\$ 1,039	\$ -
5/29/2019	2	448.041	44.04	\$18.45	\$813	404							\$ 813	\$ 813	\$ -
5/29/2019	3	451.022	44.02	\$18.77	\$826	407							\$ 826	\$ 826	\$ -
5/29/2019	4	471.612	64.61	\$19.48	\$1,259	407							\$ 1,259	\$ 1,259	\$ -
5/29/2019	5	503.958	99.96	\$20.49	\$2,048	404							\$ 2,048	\$ 1,926	\$ 122
5/29/2019	6	536.441	130.44	\$22.46	\$2,930	406							\$ 2,930	\$ 2,111	\$ 818
5/29/2019	7	568.394	164.39	\$23.47	\$3,858	404							\$ 3,858	\$ 2,206	\$ 1,652
5/29/2019	8	571.843	166.84	\$26.41	\$4,406	405							\$ 4,406	\$ 2,483	\$ 1,924
5/29/2019	9	565.624	161.62	\$28.34	\$4,580	404							\$ 4,580	\$ 2,664	\$ 1,916
5/29/2019	10	559.419	155.42	\$34.82	\$5,412	404							\$ 5,412	\$ 3,273	\$ 2,139
5/29/2019	11	555.532	148.53	\$33.99	\$5,049	407							\$ 5,049	\$ 3,195	\$ 1,853
5/29/2019	12	552.687	148.69	\$36.44	\$5,418	404							\$ 5,418	\$ 3,425	\$ 1,993
5/29/2019	13	546.866	140.87	\$43.02	\$6,060	406							\$ 6,060	\$ 4,044	\$ 2,016
5/29/2019	14	547.068	151.07	\$41.10	\$6,209	396							\$ 6,209	\$ 3,863	\$ 2,346
5/29/2019	15	560.82	154.82	\$48.70	\$7,540	406							\$ 7,540	\$ 4,578	\$ 2,962
5/29/2019	16	590.488	184.49	\$40.44	\$7,461	406							\$ 7,461	\$ 3,801	\$ 3,659
5/29/2019	17	608.223	202.22	\$32.67	\$6,607	406							\$ 6,607	\$ 3,071	\$ 3,536
5/29/2019	18	599.434	194.43	\$28.62	\$5,565	405							\$ 5,565	\$ 2,690	\$ 2,874
5/29/2019	19	579.868	173.87	\$29.24	\$5,084	406							\$ 5,084	\$ 2,749	\$ 2,335
5/29/2019	20	573.001	167	\$29.91	\$4,995	406							\$ 4,995	\$ 2,812	\$ 2,183
5/29/2019	21	538.55	133.55	\$24.12	\$3,221	405							\$ 3,221	\$ 2,267	\$ 954
5/29/2019	22	499.2	92.2	\$22.43	\$2,068	407							\$ 2,068	\$ 2,068	\$ -
5/29/2019	23	464.983	59.98	\$20.33	\$1,219	405							\$ 1,219	\$ 1,219	\$ -
5/30/2019	0	442.638	36.64	\$19.81	\$726	406							\$ 726	\$ 726	\$ -
5/30/2019	1	419.125	16.13	\$19.48	\$314	403							\$ 314	\$ 314	\$ -
5/30/2019	2	407.401	1.4	\$18.80	\$26	406							\$ 26	\$ 26	\$ -
5/30/2019	3	407.374	12.37	\$19.40	\$240	395							\$ 240	\$ 240	\$ -
5/30/2019	4	424.987	20.99	\$20.14	\$423	404							\$ 423	\$ 423	\$ -
5/30/2019	5	456.553	52.55	\$22.65	\$1,190	404							\$ 1,190	\$ 1,190	\$ -
5/30/2019	6	479.224	9.22	\$23.73	\$219	405	50		15				\$ 219	\$ 219	\$ -
5/30/2019	7	499.906	0	\$0.00	\$0	405	77		77				\$ -	\$ -	\$ -



Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)	
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6
5/30/2019	8	514.467	0	\$0.00	\$0	405	77		72				\$ -	\$ -	\$ -
5/30/2019	9	526.137	0	\$0.00	\$0	408	72		51				\$ -	\$ -	\$ -
5/30/2019	10	532.04	12.04	\$35.52	\$428	407	65		48				\$ 428	\$ 428	\$ -
5/30/2019	11	533.966	38.97	\$36.28	\$1,414	406	61		28				\$ 1,414	\$ 1,414	\$ -
5/30/2019	12	536.961	50.96	\$38.70	\$1,972	409	53		24				\$ 1,972	\$ 1,972	\$ -
5/30/2019	13	542.014	81.01	\$40.56	\$3,286	408	48		5				\$ 3,286	\$ 3,286	\$ -
5/30/2019	14	544.082	93.08	\$40.21	\$3,743	407	40		4				\$ 3,743	\$ 3,743	\$ -
5/30/2019	15	540.114	97.11	\$43.79	\$4,252	405	38						\$ 4,252	\$ 4,116	\$ 136
5/30/2019	16	553.009	141.01	\$39.78	\$5,609	408			4				\$ 5,609	\$ 3,739	\$ 1,870
5/30/2019	17	563.85	98.85	\$30.87	\$3,051	396			69				\$ 3,051	\$ 2,902	\$ 150
5/30/2019	18	554.99	87.99	\$29.75	\$2,618	408			59				\$ 2,618	\$ 2,618	\$ -
5/30/2019	19	523.308	76.31	\$30.30	\$2,312	447							\$ 2,312	\$ 2,312	\$ -
5/30/2019	20	535.176	51.18	\$30.42	\$1,557	484							\$ 1,557	\$ 1,557	\$ -
5/30/2019	21	506.752	38.75	\$23.31	\$903	468							\$ 903	\$ 903	\$ -
5/30/2019	22	467.241	0	\$0.00	\$0	481							\$ -	\$ -	\$ -
5/30/2019	23	432.834	0	\$0.00	\$0	446							\$ -	\$ -	\$ -
5/31/2019	0	409.348			\$0	446							\$ -	\$ -	\$ -
5/31/2019	1	391.625			\$0	444							\$ -	\$ -	\$ -
5/31/2019	2	382.732			\$0	445							\$ -	\$ -	\$ -
5/31/2019	3	378.674			\$0	442							\$ -	\$ -	\$ -
5/31/2019	4	395.289			\$0	447			52				\$ -	\$ -	\$ -
5/31/2019	5	420.896	0	\$0.00	\$0	452			78				\$ -	\$ -	\$ -
5/31/2019	6	448.504	0	\$0.00	\$0	473			78				\$ -	\$ -	\$ -
5/31/2019	7	468.068	0	\$0.00	\$0	539			38				\$ -	\$ -	\$ -
5/31/2019	8	486.825	0	\$0.00	\$0	588			74				\$ -	\$ -	\$ -
5/31/2019	9	508.463	0	\$0.00	\$0	601			77				\$ -	\$ -	\$ -
5/31/2019	10	527.243	0	\$0.00	\$0	603			75				\$ -	\$ -	\$ -
5/31/2019	11	544.014	0	\$0.00	\$0	603			65				\$ -	\$ -	\$ -
5/31/2019	12	553.857	0	\$0.00	\$0	603			63				\$ -	\$ -	\$ -
5/31/2019	13	560.866	0	\$0.00	\$0	602			53				\$ -	\$ -	\$ -
5/31/2019	14	560.006	0	\$0.00	\$0	604			54				\$ -	\$ -	\$ -
5/31/2019	15	556.429	203.43	\$42.40	\$8,625	300			53				\$ 8,625	\$ 3,986	\$ 4,640
5/31/2019	16	554.759	515.76	\$37.45	\$19,315				39				\$ 19,315	\$ 3,520	\$ 15,795
5/31/2019	17	552.835	512.84	\$32.69	\$16,765				40				\$ 16,765	\$ 3,073	\$ 13,692
5/31/2019	18	532.049	525.05	\$30.43	\$15,977				7				\$ 15,977	\$ 2,860	\$ 13,117
5/31/2019	19	513.002	513	\$29.75	\$15,262								\$ 15,262	\$ 2,797	\$ 12,465
5/31/2019	20	508.073	508.07	\$28.25	\$14,353								\$ 14,353	\$ 2,656	\$ 11,697
5/31/2019	21	482.491	482.49	\$22.49	\$10,851								\$ 10,851	\$ 2,114	\$ 8,737
5/31/2019	22	446.116	446.12	\$20.25	\$9,034								\$ 9,034	\$ 1,904	\$ 7,130
5/31/2019	23	412.442	412.44	\$20.13	\$8,302								\$ 8,302	\$ 1,892	\$ 6,410
6/1/2019	0	386.829	386.83	\$19.49	\$7,539								\$ 7,539	\$ 1,832	\$ 5,707
6/1/2019	1	366.082	366.08	\$19.28	\$7,058								\$ 7,058	\$ 1,812	\$ 5,246
6/1/2019	2	353.121	353.12	\$18.59	\$6,565								\$ 6,565	\$ 1,747	\$ 4,817
6/1/2019	3	348.201	348.2	\$17.96	\$6,254								\$ 6,254	\$ 1,688	\$ 4,565
6/1/2019	4	351.125	351.13	\$18.36	\$6,447								\$ 6,447	\$ 1,726	\$ 4,721
6/1/2019	5	354.146	354.15	\$18.28	\$6,474								\$ 6,474	\$ 1,718	\$ 4,756
6/1/2019	6	366.999	367	\$19.63	\$7,204								\$ 7,204	\$ 1,845	\$ 5,359
6/1/2019	7	395.548	395.55	\$20.42	\$8,077								\$ 8,077	\$ 1,919	\$ 6,158
6/1/2019	8	426.968	401.97	\$22.72	\$9,133	25							\$ 9,133	\$ 2,136	\$ 6,997
6/1/2019	9	459.34	287.34	\$25.28	\$7,264	172							\$ 7,264	\$ 2,376	\$ 4,888
6/1/2019	10	487.786	308.79	\$30.04	\$9,276	179							\$ 9,276	\$ 2,824	\$ 6,452
6/1/2019	11	508.301	297.3	\$30.97	\$9,207	211							\$ 9,207	\$ 2,911	\$ 6,296
6/1/2019	12	524.82	294.82	\$32.74	\$9,652	230							\$ 9,652	\$ 3,078	\$ 6,575
6/1/2019	13	538.323	313.32	\$34.75	\$10,888	225							\$ 10,888	\$ 3,267	\$ 7,621
6/1/2019	14	550.125	324.13	\$36.02	\$11,675	226							\$ 11,675	\$ 3,386	\$ 8,289
6/1/2019	15	563.834	336.83	\$37.37	\$12,587	227							\$ 12,587	\$ 3,513	\$ 9,075

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
6/1/2019	16	570.599	340.6	\$35.11	\$11,958	230								\$ 11,958	\$ 3,300	\$ 8,658
6/1/2019	17	565.663	309.66	\$32.34	\$10,014	256								\$ 10,014	\$ 3,040	\$ 6,974
6/1/2019	18	548.192	288.19	\$29.98	\$8,640	260								\$ 8,640	\$ 2,818	\$ 5,822
6/1/2019	19	525.779	257.78	\$27.82	\$7,171	268								\$ 7,171	\$ 2,615	\$ 4,556
6/1/2019	20	514.067	225.07	\$26.14	\$5,883	289								\$ 5,883	\$ 2,457	\$ 3,426
6/1/2019	21	486.823	197.82	\$22.74	\$4,498	289								\$ 4,498	\$ 2,138	\$ 2,361
6/1/2019	22	452.519	119.52	\$20.28	\$2,424	333								\$ 2,424	\$ 1,906	\$ 518
6/1/2019	23	416	55	\$18.98	\$1,044	361								\$ 1,044	\$ 1,044	\$ -
6/2/2019	0	389.269	1.27	\$18.34	\$23	388								\$ 23	\$ 23	\$ -
6/2/2019	1	369.508			\$0	403								\$ -	\$ -	\$ -
6/2/2019	2	356.673			\$0	414								\$ -	\$ -	\$ -
6/2/2019	3	349.77			\$0	414								\$ -	\$ -	\$ -
6/2/2019	4	348.745			\$0	415								\$ -	\$ -	\$ -
6/2/2019	5	345.8			\$0	415								\$ -	\$ -	\$ -
6/2/2019	6	358.551			\$0	426								\$ -	\$ -	\$ -
6/2/2019	7	391.988			\$0	439								\$ -	\$ -	\$ -
6/2/2019	8	430.636			\$0	442								\$ -	\$ -	\$ -
6/2/2019	9	466.081	24.08	\$21.33	\$514	442								\$ 514	\$ 514	\$ -
6/2/2019	10	495.419	65.42	\$22.43	\$1,467	430								\$ 1,467	\$ 1,467	\$ -
6/2/2019	11	520.764	90.76	\$23.52	\$2,135	430								\$ 2,135	\$ 2,135	\$ -
6/2/2019	12	529.448	87.45	\$24.08	\$2,106	442								\$ 2,106	\$ 2,106	\$ -
6/2/2019	13	535.463	91.46	\$24.54	\$2,244	444								\$ 2,244	\$ 2,244	\$ -
6/2/2019	14	542.339	97.34	\$26.97	\$2,625	445								\$ 2,625	\$ 2,535	\$ 90
6/2/2019	15	555.069	104.07	\$25.31	\$2,634	451								\$ 2,634	\$ 2,379	\$ 255
6/2/2019	16	560.795	57.8	\$25.58	\$1,479	503								\$ 1,479	\$ 1,479	\$ -
6/2/2019	17	549.978			\$0	558								\$ -	\$ -	\$ -
6/2/2019	18	530.337			\$0	595								\$ -	\$ -	\$ -
6/2/2019	19	506.907			\$0	572								\$ -	\$ -	\$ -
6/2/2019	20	496.066			\$0	577								\$ -	\$ -	\$ -
6/2/2019	21	466.009			\$0	569								\$ -	\$ -	\$ -
6/2/2019	22	419.757			\$0	525								\$ -	\$ -	\$ -
6/2/2019	23	381.482			\$0	467								\$ -	\$ -	\$ -
6/3/2019	0	355.893			\$0	444								\$ -	\$ -	\$ -
6/3/2019	1	342.073			\$0	444								\$ -	\$ -	\$ -
6/3/2019	2	335.326			\$0	444								\$ -	\$ -	\$ -
6/3/2019	3	337.305			\$0	445								\$ -	\$ -	\$ -
6/3/2019	4	355.105			\$0	444								\$ -	\$ -	\$ -
6/3/2019	5	379.552			\$0	445								\$ -	\$ -	\$ -
6/3/2019	6	409.318			\$0	445								\$ -	\$ -	\$ -
6/3/2019	7	430.946			\$0	443								\$ -	\$ -	\$ -
6/3/2019	8	448.648	0	\$0.00	\$0	444								\$ -	\$ -	\$ -
6/3/2019	9	467.268	0	\$0.00	\$0	444								\$ -	\$ -	\$ -
6/3/2019	10	481.013			\$0	441								\$ -	\$ -	\$ -
6/3/2019	11	495.703			\$0	498								\$ -	\$ -	\$ -
6/3/2019	12	512.437	0	\$0.00	\$0	531								\$ -	\$ -	\$ -
6/3/2019	13	524.258	0	\$0.00	\$0	569								\$ -	\$ -	\$ -
6/3/2019	14	531.163	0	\$0.00	\$0	601								\$ -	\$ -	\$ -
6/3/2019	15	566.663	0	\$0.00	\$0	601								\$ -	\$ -	\$ -
6/3/2019	16	579.506	0	\$0.00	\$0	600								\$ -	\$ -	\$ -
6/3/2019	17	582.482	0	\$0.00	\$0	603								\$ -	\$ -	\$ -
6/3/2019	18	568.753	0	\$0.00	\$0	584								\$ -	\$ -	\$ -
6/3/2019	19	551.282	47.28	\$22.05	\$1,043	500								\$ 1,043	\$ 1,043	\$ -
6/3/2019	20	545.485	107.49	\$21.48	\$2,309	438								\$ 2,309	\$ 2,019	\$ 290
6/3/2019	21	508.217	62.22	\$19.71	\$1,226	446								\$ 1,226	\$ 1,226	\$ -
6/3/2019	22	463.805	20.81	\$18.00	\$375	443								\$ 375	\$ 375	\$ -
6/3/2019	23	427.218			\$0	444								\$ -	\$ -	\$ -

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)			
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6		
6/4/2019	0	404.485			\$0	443						\$	-	\$	-	\$	-
6/4/2019	1	386.73			\$0	443						\$	-	\$	-	\$	-
6/4/2019	2	378.004			\$0	445						\$	-	\$	-	\$	-
6/4/2019	3	380.039			\$0	445						\$	-	\$	-	\$	-
6/4/2019	4	395.741			\$0	444						\$	-	\$	-	\$	-
6/4/2019	5	420.379			\$0	428						\$	-	\$	-	\$	-
6/4/2019	6	453.004	17	\$19.42	\$330	405			31			\$	330	\$	330	\$	-
6/4/2019	7	475.728	10.73	\$19.67	\$211	405			60			\$	211	\$	211	\$	-
6/4/2019	8	497.228			\$0	488			59			\$	-	\$	-	\$	-
6/4/2019	9	521.72			\$0	593			61			\$	-	\$	-	\$	-
6/4/2019	10	543.37			\$0	603			60			\$	-	\$	-	\$	-
6/4/2019	11	559.961			\$0	589			60			\$	-	\$	-	\$	-
6/4/2019	12	582.269			\$0	605			60			\$	-	\$	-	\$	-
6/4/2019	13	601.857			\$0	606			60			\$	-	\$	-	\$	-
6/4/2019	14	620.479			\$0	606			73			\$	-	\$	-	\$	-
6/4/2019	15	630.277			\$0	598			74			\$	-	\$	-	\$	-
6/4/2019	16	639.235			\$0	599			75			\$	-	\$	-	\$	-
6/4/2019	17	626.503			\$0	601			74			\$	-	\$	-	\$	-
6/4/2019	18	611.804			\$0	604			74			\$	-	\$	-	\$	-
6/4/2019	19	592.039			\$0	604			39			\$	-	\$	-	\$	-
6/4/2019	20	583.254			\$0	602						\$	-	\$	-	\$	-
6/4/2019	21	551.027	2.03	\$21.18	\$43	549						\$	43	\$	43	\$	-
6/4/2019	22	505.077	86.08	\$18.97	\$1,633	419						\$	1,633	\$	1,633	\$	-
6/4/2019	23	466.848	78.85	\$17.54	\$1,383	388						\$	1,383	\$	1,383	\$	-
6/5/2019	0	444.329	18.33	\$16.73	\$307	426						\$	307	\$	307	\$	-
6/5/2019	1	425.518			\$0	432						\$	-	\$	-	\$	-
6/5/2019	2	417.707			\$0	447						\$	-	\$	-	\$	-
6/5/2019	3	418.697			\$0	444						\$	-	\$	-	\$	-
6/5/2019	4	437.459			\$0	445						\$	-	\$	-	\$	-
6/5/2019	5	465.866	21.87	\$19.28	\$422	444						\$	422	\$	422	\$	-
6/5/2019	6	493.51	31.51	\$20.39	\$642	445			17			\$	642	\$	642	\$	-
6/5/2019	7	519.119	0	\$0.00	\$0	449			75			\$	-	\$	-	\$	-
6/5/2019	8	535.719	7.72	\$23.03	\$178	453			75			\$	178	\$	178	\$	-
6/5/2019	9	554.969	22.97	\$25.20	\$579	454			76		2	\$	579	\$	579	\$	-
6/5/2019	10	568.638			\$0	517			75		28	\$	-	\$	-	\$	-
6/5/2019	11	587.285			\$0	562			76			\$	-	\$	-	\$	-
6/5/2019	12	600.179			\$0	595			75			\$	-	\$	-	\$	-
6/5/2019	13	617.829			\$0	601			76			\$	-	\$	-	\$	-
6/5/2019	14	650.269	0	\$0.00	\$0	603			74			\$	-	\$	-	\$	-
6/5/2019	15	685.716	6.72	\$44.07	\$296	605			74			\$	296	\$	296	\$	-
6/5/2019	16	709.363	93.36	\$41.11	\$3,838	604			12			\$	3,838	\$	3,838	\$	-
6/5/2019	17	686.802	83.8	\$37.69	\$3,158	603						\$	3,158	\$	3,158	\$	-
6/5/2019	18	590.01			\$0	604						\$	-	\$	-	\$	-
6/5/2019	19	576.202			\$0	595						\$	-	\$	-	\$	-
6/5/2019	20	567.386			\$0	604						\$	-	\$	-	\$	-
6/5/2019	21	535.045			\$0	602						\$	-	\$	-	\$	-
6/5/2019	22	498.837			\$0	559						\$	-	\$	-	\$	-
6/5/2019	23	463.536	0	\$0.00	\$0	470						\$	-	\$	-	\$	-
6/6/2019	0	438.12			\$0	461						\$	-	\$	-	\$	-
6/6/2019	1	422.501			\$0	444						\$	-	\$	-	\$	-
6/6/2019	2	413.594			\$0	444						\$	-	\$	-	\$	-
6/6/2019	3	414.51			\$0	443						\$	-	\$	-	\$	-
6/6/2019	4	428.218			\$0	447						\$	-	\$	-	\$	-
6/6/2019	5	454.756	10.76	\$20.23	\$218	444						\$	218	\$	218	\$	-
6/6/2019	6	495.983	51.98	\$21.59	\$1,122	444						\$	1,122	\$	1,122	\$	-
6/6/2019	7	533.248	61.25	\$23.68	\$1,450	472						\$	1,450	\$	1,450	\$	-

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
6/6/2019	8	568.513	42.51	\$24.87	\$1,057	526							\$ 1,057	\$ 1,057	\$ -
6/6/2019	9	594.914	14.91	\$26.80	\$400	580							\$ 400	\$ 400	\$ -
6/6/2019	10	625.358	20.36	\$29.11	\$593	605							\$ 593	\$ 593	\$ -
6/6/2019	11	635.043	30.04	\$30.85	\$927	605							\$ 927	\$ 927	\$ -
6/6/2019	12	645.025	41.03	\$35.89	\$1,473	604							\$ 1,473	\$ 1,473	\$ -
6/6/2019	13	655.796	52.8	\$38.00	\$2,006	603							\$ 2,006	\$ 2,006	\$ -
6/6/2019	14	665.463	62.46	\$41.40	\$2,586	603							\$ 2,586	\$ 2,586	\$ -
6/6/2019	15	672.28	69.28	\$40.84	\$2,829	603							\$ 2,829	\$ 2,829	\$ -
6/6/2019	16	664.346	60.35	\$38.77	\$2,340	604							\$ 2,340	\$ 2,340	\$ -
6/6/2019	17	647.673	59.67	\$33.38	\$1,992	588							\$ 1,992	\$ 1,992	\$ -
6/6/2019	18	634.083	30.08	\$29.79	\$896	604							\$ 896	\$ 896	\$ -
6/6/2019	19	622.352	18.35	\$29.04	\$533	604							\$ 533	\$ 533	\$ -
6/6/2019	20	615.375	13.38	\$27.16	\$363	602							\$ 363	\$ 363	\$ -
6/6/2019	21	584.063			\$0	602							\$ -	\$ -	\$ -
6/6/2019	22	538.185	0	\$0.00	\$0	560							\$ -	\$ -	\$ -
6/6/2019	23	496.971	0	\$0.00	\$0	520							\$ -	\$ -	\$ -
6/7/2019	0	467.566			\$0	475							\$ -	\$ -	\$ -
6/7/2019	1	443.847			\$0	444							\$ -	\$ -	\$ -
6/7/2019	2	430.012			\$0	445							\$ -	\$ -	\$ -
6/7/2019	3	426.03			\$0	445							\$ -	\$ -	\$ -
6/7/2019	4	437.853			\$0	444							\$ -	\$ -	\$ -
6/7/2019	5	460.494	15.49	\$19.39	\$300	445							\$ 300	\$ 300	\$ -
6/7/2019	6	486.096	32.1	\$20.64	\$663	446			8				\$ 663	\$ 663	\$ -
6/7/2019	7	505.645			\$0	474			73				\$ -	\$ -	\$ -
6/7/2019	8	525.203			\$0	499			75				\$ -	\$ -	\$ -
6/7/2019	9	550.638			\$0	561			76				\$ -	\$ -	\$ -
6/7/2019	10	575.054			\$0	571			76				\$ -	\$ -	\$ -
6/7/2019	11	578.996			\$0	596			76				\$ -	\$ -	\$ -
6/7/2019	12	581.951			\$0	604			75				\$ -	\$ -	\$ -
6/7/2019	13	580.019	0	\$0.00	\$0	605			75				\$ -	\$ -	\$ -
6/7/2019	14	574.097			\$0	604			74				\$ -	\$ -	\$ -
6/7/2019	15	566.196			\$0	606			15				\$ -	\$ -	\$ -
6/7/2019	16	562.309			\$0	606							\$ -	\$ -	\$ -
6/7/2019	17	557.527			\$0	604							\$ -	\$ -	\$ -
6/7/2019	18	541.778			\$0	599							\$ -	\$ -	\$ -
6/7/2019	19	531.992			\$0	571							\$ -	\$ -	\$ -
6/7/2019	20	531.041	0	\$0.00	\$0	548							\$ -	\$ -	\$ -
6/7/2019	21	506.653	3.65	\$19.88	\$73	503							\$ 73	\$ 73	\$ -
6/7/2019	22	474.346	40.35	\$18.08	\$730	434							\$ 730	\$ 730	\$ -
6/7/2019	23	443.75			\$0	445							\$ -	\$ -	\$ -
6/8/2019	0	419.044			\$0	447							\$ -	\$ -	\$ -
6/8/2019	1	401.418			\$0	444							\$ -	\$ -	\$ -
6/8/2019	2	390.601			\$0	445							\$ -	\$ -	\$ -
6/8/2019	3	386.75			\$0	445							\$ -	\$ -	\$ -
6/8/2019	4	392.67			\$0	446							\$ -	\$ -	\$ -
6/8/2019	5	392.594			\$0	445							\$ -	\$ -	\$ -
6/8/2019	6	405.412			\$0	445							\$ -	\$ -	\$ -
6/8/2019	7	427.964			\$0	444							\$ -	\$ -	\$ -
6/8/2019	8	455.518	24.52	\$19.28	\$473	431							\$ 473	\$ 473	\$ -
6/8/2019	9	482.342	35.34	\$19.74	\$698	447							\$ 698	\$ 698	\$ -
6/8/2019	10	495.157	44.16	\$20.62	\$911	451							\$ 911	\$ 911	\$ -
6/8/2019	11	498.902	52.9	\$21.55	\$1,140	446							\$ 1,140	\$ 1,140	\$ -
6/8/2019	12	500.715	58.72	\$22.12	\$1,299	442							\$ 1,299	\$ 1,299	\$ -
6/8/2019	13	492.813	45.81	\$23.16	\$1,061	447							\$ 1,061	\$ 1,061	\$ -
6/8/2019	14	488.897	43.9	\$24.14	\$1,060	445							\$ 1,060	\$ 1,060	\$ -
6/8/2019	15	487.931	24.93	\$24.90	\$621	463							\$ 621	\$ 621	\$ -

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
6/8/2019	16	487.763			\$0	535							\$ -	\$ -	\$ -
6/8/2019	17	479.029			\$0	519							\$ -	\$ -	\$ -
6/8/2019	18	470.403	20.4	\$21.46	\$438	450							\$ 438	\$ 438	\$ -
6/8/2019	19	467.54	21.54	\$20.59	\$444	446							\$ 444	\$ 444	\$ -
6/8/2019	20	472.511	26.51	\$20.50	\$543	446							\$ 543	\$ 543	\$ -
6/8/2019	21	455.766	9.77	\$19.64	\$192	446							\$ 192	\$ 192	\$ -
6/8/2019	22	427.399			\$0	445							\$ -	\$ -	\$ -
6/8/2019	23	400.787			\$0	444							\$ -	\$ -	\$ -
6/9/2019	0	380.04			\$0	432							\$ -	\$ -	\$ -
6/9/2019	1	367.164			\$0	446							\$ -	\$ -	\$ -
6/9/2019	2	356.278			\$0	444							\$ -	\$ -	\$ -
6/9/2019	3	354.317			\$0	444							\$ -	\$ -	\$ -
6/9/2019	4	355.347			\$0	444							\$ -	\$ -	\$ -
6/9/2019	5	357.322			\$0	472							\$ -	\$ -	\$ -
6/9/2019	6	368.117			\$0	541							\$ -	\$ -	\$ -
6/9/2019	7	396.76			\$0	522							\$ -	\$ -	\$ -
6/9/2019	8	421.56			\$0	444							\$ -	\$ -	\$ -
6/9/2019	9	445.209	0.21	\$18.38	\$4	445							\$ 4	\$ 4	\$ -
6/9/2019	10	464.036	17.04	\$19.22	\$328	447							\$ 328	\$ 328	\$ -
6/9/2019	11	475.771	25.77	\$19.93	\$514	450							\$ 514	\$ 514	\$ -
6/9/2019	12	487.463	30.46	\$20.34	\$620	457							\$ 620	\$ 620	\$ -
6/9/2019	13	504.207	0	\$0.00	\$0	517							\$ -	\$ -	\$ -
6/9/2019	14	522.938	0	\$0.00	\$0	574							\$ -	\$ -	\$ -
6/9/2019	15	537.668	0	\$0.00	\$0	597							\$ -	\$ -	\$ -
6/9/2019	16	543.491			\$0	604							\$ -	\$ -	\$ -
6/9/2019	17	548.413			\$0	605							\$ -	\$ -	\$ -
6/9/2019	18	534.603			\$0	591							\$ -	\$ -	\$ -
6/9/2019	19	528.695	0	\$0.00	\$0	602							\$ -	\$ -	\$ -
6/9/2019	20	525.698	0	\$0.00	\$0	603							\$ -	\$ -	\$ -
6/9/2019	21	499.16	0	\$0.00	\$0	601							\$ -	\$ -	\$ -
6/9/2019	22	465.78	0	\$0.00	\$0	539							\$ -	\$ -	\$ -
6/9/2019	23	430.388			\$0	466							\$ -	\$ -	\$ -
6/10/2019	0	402.685			\$0	444							\$ -	\$ -	\$ -
6/10/2019	1	389.796			\$0	445							\$ -	\$ -	\$ -
6/10/2019	2	382.78			\$0	443							\$ -	\$ -	\$ -
6/10/2019	3	388.734			\$0	445							\$ -	\$ -	\$ -
6/10/2019	4	419.344			\$0	444							\$ -	\$ -	\$ -
6/10/2019	5	456.584	10.58	\$19.01	\$201	446							\$ 201	\$ 201	\$ -
6/10/2019	6	485	35	\$19.81	\$693	450							\$ 693	\$ 693	\$ -
6/10/2019	7	510.597	66.6	\$20.97	\$1,397	444							\$ 1,397	\$ 1,397	\$ -
6/10/2019	8	527.263	82.26	\$22.61	\$1,860	445							\$ 1,860	\$ 1,860	\$ -
6/10/2019	9	540.036	88.04	\$25.35	\$2,232	452							\$ 2,232	\$ 2,232	\$ -
6/10/2019	10	555.715	69.72	\$25.97	\$1,811	486							\$ 1,811	\$ 1,811	\$ -
6/10/2019	11	577.301	51.3	\$28.70	\$1,472	526							\$ 1,472	\$ 1,472	\$ -
6/10/2019	12	587.142	52.14	\$29.86	\$1,557	535							\$ 1,557	\$ 1,557	\$ -
6/10/2019	13	590.202	40.2	\$29.81	\$1,198	550							\$ 1,198	\$ 1,198	\$ -
6/10/2019	14	569.579	0	\$0.00	\$0	575							\$ -	\$ -	\$ -
6/10/2019	15	550.873	0	\$0.00	\$0	571							\$ -	\$ -	\$ -
6/10/2019	16	550.953			\$0	598							\$ -	\$ -	\$ -
6/10/2019	17	545.153			\$0	600							\$ -	\$ -	\$ -
6/10/2019	18	536.396			\$0	601							\$ -	\$ -	\$ -
6/10/2019	19	509.839			\$0	588							\$ -	\$ -	\$ -
6/10/2019	20	497.203			\$0	596							\$ -	\$ -	\$ -
6/10/2019	21	469.726			\$0	549							\$ -	\$ -	\$ -
6/10/2019	22	430.299	0	\$0.00	\$0	518							\$ -	\$ -	\$ -
6/10/2019	23	395.638			\$0	499							\$ -	\$ -	\$ -

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
6/11/2019	0	375.924			\$0	446							\$ -	\$ -	\$ -
6/11/2019	1	359.04			\$0	443							\$ -	\$ -	\$ -
6/11/2019	2	350.171			\$0	445							\$ -	\$ -	\$ -
6/11/2019	3	351.173			\$0	443							\$ -	\$ -	\$ -
6/11/2019	4	364.022			\$0	445							\$ -	\$ -	\$ -
6/11/2019	5	386.64			\$0	444							\$ -	\$ -	\$ -
6/11/2019	6	418.276			\$0	442							\$ -	\$ -	\$ -
6/11/2019	7	445.017	3.02	\$19.54	\$59	442							\$ 59	\$ 59	\$ -
6/11/2019	8	461.896	16.9	\$20.37	\$344	445							\$ 344	\$ 344	\$ -
6/11/2019	9	480.563	36.56	\$21.81	\$797	444							\$ 797	\$ 797	\$ -
6/11/2019	10	490.404	29.4	\$22.74	\$669	461							\$ 669	\$ 669	\$ -
6/11/2019	11	501.168	10.17	\$24.43	\$248	491							\$ 248	\$ 248	\$ -
6/11/2019	12	513.059			\$0	543			29				\$ -	\$ -	\$ -
6/11/2019	13	521.775			\$0	583			75				\$ -	\$ -	\$ -
6/11/2019	14	527.612			\$0	605			20				\$ -	\$ -	\$ -
6/11/2019	15	540.38			\$0	603							\$ -	\$ -	\$ -
6/11/2019	16	552.139			\$0	603							\$ -	\$ -	\$ -
6/11/2019	17	554.222			\$0	604							\$ -	\$ -	\$ -
6/11/2019	18	546.329			\$0	603							\$ -	\$ -	\$ -
6/11/2019	19	522.702			\$0	601							\$ -	\$ -	\$ -
6/11/2019	20	512.921			\$0	574							\$ -	\$ -	\$ -
6/11/2019	21	481.592	8.59	\$20.35	\$175	473							\$ 175	\$ 175	\$ -
6/11/2019	22	439.251			\$0	444							\$ -	\$ -	\$ -
6/11/2019	23	408.626			\$0	444							\$ -	\$ -	\$ -
6/12/2019	0	383.901			\$0	445							\$ -	\$ -	\$ -
6/12/2019	1	365.263			\$0	432							\$ -	\$ -	\$ -
6/12/2019	2	356.391			\$0	444							\$ -	\$ -	\$ -
6/12/2019	3	357.36			\$0	445							\$ -	\$ -	\$ -
6/12/2019	4	371.126			\$0	442							\$ -	\$ -	\$ -
6/12/2019	5	392.835			\$0	445							\$ -	\$ -	\$ -
6/12/2019	6	418.491			\$0	446	11.49						\$ -	\$ -	\$ -
6/12/2019	7	438.25	0	\$0.00	\$0	444	75.95						\$ -	\$ -	\$ -
6/12/2019	8	460.968	0	\$0.00	\$0	443	77						\$ -	\$ -	\$ -
6/12/2019	9	480.649			\$0	446	76.83						\$ -	\$ -	\$ -
6/12/2019	10	500.444			\$0	445.99	76.34						\$ -	\$ -	\$ -
6/12/2019	11	518.063			\$0	466	75.58						\$ -	\$ -	\$ -
6/12/2019	12	529.858			\$0	473	74.17						\$ -	\$ -	\$ -
6/12/2019	13	537.575			\$0	506	74.18		63				\$ -	\$ -	\$ -
6/12/2019	14	543.448			\$0	567	56.21		73				\$ -	\$ -	\$ -
6/12/2019	15	542.339			\$0	600	4.05		28				\$ -	\$ -	\$ -
6/12/2019	16	534.368			\$0	585							\$ -	\$ -	\$ -
6/12/2019	17	523.696			\$0	566							\$ -	\$ -	\$ -
6/12/2019	18	513.708			\$0	592							\$ -	\$ -	\$ -
6/12/2019	19	502.912			\$0	583							\$ -	\$ -	\$ -
6/12/2019	20	501.088			\$0	591							\$ -	\$ -	\$ -
6/12/2019	21	472.639			\$0	533							\$ -	\$ -	\$ -
6/12/2019	22	438.257	1.26	\$17.66	\$22	437							\$ 22	\$ 22	\$ -
6/12/2019	23	408.518			\$0	416							\$ -	\$ -	\$ -
6/13/2019	0	390.838	10.84	\$15.16	\$164	380							\$ 164	\$ 164	\$ -
6/13/2019	1	377.02	10.02	\$14.71	\$147	367							\$ 147	\$ 147	\$ -
6/13/2019	2	367.138	1.14	\$14.76	\$17	366							\$ 17	\$ 17	\$ -
6/13/2019	3	371.028	5.03	\$15.09	\$76	366							\$ 76	\$ 76	\$ -
6/13/2019	4	382.818	14.82	\$15.92	\$236	368							\$ 236	\$ 236	\$ -
6/13/2019	5	404.459	37.46	\$18.67	\$699	367							\$ 699	\$ 699	\$ -
6/13/2019	6	427.222	59.22	\$20.26	\$1,200	368							\$ 1,200	\$ 1,200	\$ -
6/13/2019	7	444.997	80	\$20.28	\$1,622	365							\$ 1,622	\$ 1,622	\$ -

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)	
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6
6/13/2019	8	449.886	83.89	\$21.10	\$1,770	366							\$ 1,770	\$ 1,770	\$ -
6/13/2019	9	459.696	90.7	\$22.42	\$2,033	366		1				2	\$ 2,033	\$ 2,033	\$ -
6/13/2019	10	464.658	22.66	\$21.96	\$498	369		73					\$ 498	\$ 498	\$ -
6/13/2019	11	466.542	59.54	\$22.74	\$1,354	378	1	28					\$ 1,354	\$ 1,354	\$ -
6/13/2019	12	470.606	45.61	\$22.27	\$1,016	423				2			\$ 1,016	\$ 1,016	\$ -
6/13/2019	13	469.671			\$0	468				69			\$ -	\$ -	\$ -
6/13/2019	14	470.696			\$0	502				9			\$ -	\$ -	\$ -
6/13/2019	15	471.732			\$0	550							\$ -	\$ -	\$ -
6/13/2019	16	461.879			\$0	560							\$ -	\$ -	\$ -
6/13/2019	17	454.964			\$0	581							\$ -	\$ -	\$ -
6/13/2019	18	451.982			\$0	594							\$ -	\$ -	\$ -
6/13/2019	19	446.085			\$0	575							\$ -	\$ -	\$ -
6/13/2019	20	450.097			\$0	595							\$ -	\$ -	\$ -
6/13/2019	21	428.517			\$0	520							\$ -	\$ -	\$ -
6/13/2019	22	399.99			\$0	415							\$ -	\$ -	\$ -
6/13/2019	23	379.199	21.2	\$15.16	\$321	358							\$ 321	\$ 321	\$ -
6/14/2019	0	360.407			\$0	367							\$ -	\$ -	\$ -
6/14/2019	1	347.577			\$0	366							\$ -	\$ -	\$ -
6/14/2019	2	340.738			\$0	366							\$ -	\$ -	\$ -
6/14/2019	3	347.658			\$0	366							\$ -	\$ -	\$ -
6/14/2019	4	362.432			\$0	367							\$ -	\$ -	\$ -
6/14/2019	5	379.181	12.18	\$16.46	\$200	367							\$ 200	\$ 200	\$ -
6/14/2019	6	407.695	39.7	\$18.57	\$737	368							\$ 737	\$ 737	\$ -
6/14/2019	7	426.44	57.44	\$19.33	\$1,110	369							\$ 1,110	\$ 1,110	\$ -
6/14/2019	8	435.317	59.32	\$19.86	\$1,178	376							\$ 1,178	\$ 1,178	\$ -
6/14/2019	9	442.19	76.19	\$20.40	\$1,554	366							\$ 1,554	\$ 1,554	\$ -
6/14/2019	10	449.081	31.08	\$20.67	\$642	368				50			\$ 642	\$ 642	\$ -
6/14/2019	11	456.128	24.13	\$21.17	\$511	357				75			\$ 511	\$ 511	\$ -
6/14/2019	12	465.018	20.02	\$21.82	\$437	370				75			\$ 437	\$ 437	\$ -
6/14/2019	13	479.87	35.87	\$22.59	\$810	369				75			\$ 810	\$ 810	\$ -
6/14/2019	14	484.749	40.75	\$23.47	\$956	368				76			\$ 956	\$ 956	\$ -
6/14/2019	15	493.616	47.62	\$23.41	\$1,115	373				73			\$ 1,115	\$ 1,115	\$ -
6/14/2019	16	499.507	53.51	\$22.74	\$1,217	371				75			\$ 1,217	\$ 1,217	\$ -
6/14/2019	17	482.663	55.66	\$22.14	\$1,232	369				58			\$ 1,232	\$ 1,232	\$ -
6/14/2019	18	467.829	101.83	\$21.22	\$2,161	366							\$ 2,161	\$ 1,995	\$ 166
6/14/2019	19	458.101	91.1	\$20.78	\$1,893	367							\$ 1,893	\$ 1,893	\$ -
6/14/2019	20	463.117	96.12	\$20.59	\$1,979	367							\$ 1,979	\$ 1,935	\$ 44
6/14/2019	21	443.473	77.47	\$18.54	\$1,436	366							\$ 1,436	\$ 1,436	\$ -
6/14/2019	22	416.827	50.83	\$16.04	\$815	366							\$ 815	\$ 815	\$ -
6/14/2019	23	392.218	25.22	\$14.94	\$377	367							\$ 377	\$ 377	\$ -
6/15/2019	0	371.582	6.58	\$14.51	\$95	365							\$ 95	\$ 95	\$ -
6/15/2019	1	356.71			\$0	366							\$ -	\$ -	\$ -
6/15/2019	2	346.793			\$0	366							\$ -	\$ -	\$ -
6/15/2019	3	344.771			\$0	355							\$ -	\$ -	\$ -
6/15/2019	4	346.778			\$0	366							\$ -	\$ -	\$ -
6/15/2019	5	353.641			\$0	366							\$ -	\$ -	\$ -
6/15/2019	6	364.545			\$0	365							\$ -	\$ -	\$ -
6/15/2019	7	388.344	24.34	\$15.60	\$380	364							\$ 380	\$ 380	\$ -
6/15/2019	8	411.082	46.08	\$16.59	\$764	365							\$ 764	\$ 764	\$ -
6/15/2019	9	429.853	64.85	\$18.36	\$1,191	365							\$ 1,191	\$ 1,191	\$ -
6/15/2019	10	439.643	65.64	\$20.30	\$1,332	374							\$ 1,332	\$ 1,332	\$ -
6/15/2019	11	449.338	79.34	\$20.98	\$1,665	370							\$ 1,665	\$ 1,665	\$ -
6/15/2019	12	462.097	73.1	\$21.58	\$1,577	389							\$ 1,577	\$ 1,577	\$ -
6/15/2019	13	460.082	54.08	\$22.66	\$1,225	406							\$ 1,225	\$ 1,225	\$ -
6/15/2019	14	456.127	72.13	\$24.64	\$1,777	384							\$ 1,777	\$ 1,777	\$ -
6/15/2019	15	461.063	75.06	\$25.20	\$1,892	386							\$ 1,892	\$ 1,892	\$ -

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
6/15/2019	16	466.006			\$0	475							\$ -	\$ -	\$ -
6/15/2019	17	463.001			\$0	548							\$ -	\$ -	\$ -
6/15/2019	18	464.955			\$0	558							\$ -	\$ -	\$ -
6/15/2019	19	466.931			\$0	562							\$ -	\$ -	\$ -
6/15/2019	20	470.917			\$0	527							\$ -	\$ -	\$ -
6/15/2019	21	453.278			\$0	476							\$ -	\$ -	\$ -
6/15/2019	22	427.629	10.63	\$17.88	\$190	417							\$ 190	\$ 190	\$ -
6/15/2019	23	401.107	30.11	\$16.86	\$508	371							\$ 508	\$ 508	\$ -
6/16/2019	0	379.386	13.39	\$15.45	\$207	366							\$ 207	\$ 207	\$ -
6/16/2019	1	369.465	4.47	\$14.81	\$66	365							\$ 66	\$ 66	\$ -
6/16/2019	2	359.569			\$0	365							\$ -	\$ -	\$ -
6/16/2019	3	355.557			\$0	363							\$ -	\$ -	\$ -
6/16/2019	4	357.49			\$0	366							\$ -	\$ -	\$ -
6/16/2019	5	363.448			\$0	366							\$ -	\$ -	\$ -
6/16/2019	6	369.372	15.37	\$13.34	\$205	354							\$ 205	\$ 205	\$ -
6/16/2019	7	369.26	4.26	\$16.20	\$69	365							\$ 69	\$ 69	\$ -
6/16/2019	8	403.865	38.87	\$18.57	\$722	365							\$ 722	\$ 722	\$ -
6/16/2019	9	449.211	81.21	\$20.42	\$1,658	368							\$ 1,658	\$ 1,658	\$ -
6/16/2019	10	454.942	73.94	\$21.85	\$1,616	381							\$ 1,616	\$ 1,616	\$ -
6/16/2019	11	449.802	38.8	\$23.75	\$922	411							\$ 922	\$ 922	\$ -
6/16/2019	12	446.703	1.7	\$26.51	\$45	445							\$ 45	\$ 45	\$ -
6/16/2019	13	465.385			\$0	486							\$ -	\$ -	\$ -
6/16/2019	14	501.868			\$0	536							\$ -	\$ -	\$ -
6/16/2019	15	529.43			\$0	577							\$ -	\$ -	\$ -
6/16/2019	16	538.207			\$0	599							\$ -	\$ -	\$ -
6/16/2019	17	516.46			\$0	601							\$ -	\$ -	\$ -
6/16/2019	18	496.704			\$0	581							\$ -	\$ -	\$ -
6/16/2019	19	494.86			\$0	601							\$ -	\$ -	\$ -
6/16/2019	20	494.917			\$0	604							\$ -	\$ -	\$ -
6/16/2019	21	468.284			\$0	587							\$ -	\$ -	\$ -
6/16/2019	22	434.919			\$0	514							\$ -	\$ -	\$ -
6/16/2019	23	404.442	0	\$0.00	\$0	422							\$ -	\$ -	\$ -
6/17/2019	0	387.932	20.93	\$17.39	\$364	367							\$ 364	\$ 364	\$ -
6/17/2019	1	375.152	7.15	\$15.90	\$114	368							\$ 114	\$ 114	\$ -
6/17/2019	2	371.26	5.26	\$15.53	\$82	366							\$ 82	\$ 82	\$ -
6/17/2019	3	377.231	9.23	\$15.79	\$146	368							\$ 146	\$ 146	\$ -
6/17/2019	4	397.078	30.08	\$17.87	\$538	367							\$ 538	\$ 538	\$ -
6/17/2019	5	427.546	58.55	\$19.31	\$1,131	369							\$ 1,131	\$ 1,131	\$ -
6/17/2019	6	458.9	90.9	\$20.03	\$1,821	368							\$ 1,821	\$ 1,821	\$ -
6/17/2019	7	483.446	117.45	\$21.17	\$2,486	366							\$ 2,486	\$ 1,990	\$ 496
6/17/2019	8	504.989	91.99	\$24.93	\$2,293	413							\$ 2,293	\$ 2,293	\$ -
6/17/2019	9	532.42	52.42	\$28.54	\$1,496	480							\$ 1,496	\$ 1,496	\$ -
6/17/2019	10	556.989	12.99	\$29.46	\$383	544							\$ 383	\$ 383	\$ -
6/17/2019	11	587.253			\$0	590							\$ -	\$ -	\$ -
6/17/2019	12	616.495	12.5	\$33.71	\$421	604							\$ 421	\$ 421	\$ -
6/17/2019	13	622.285	21.29	\$34.92	\$743	601							\$ 743	\$ 743	\$ -
6/17/2019	14	631.936	25.94	\$34.83	\$903	606							\$ 903	\$ 903	\$ -
6/17/2019	15	638.712	35.71	\$34.63	\$1,237	603							\$ 1,237	\$ 1,237	\$ -
6/17/2019	16	646.559	41.56	\$34.20	\$1,421	605							\$ 1,421	\$ 1,421	\$ -
6/17/2019	17	644.692	42.69	\$31.15	\$1,330	602							\$ 1,330	\$ 1,330	\$ -
6/17/2019	18	628.945	26.95	\$28.76	\$775	602							\$ 775	\$ 775	\$ -
6/17/2019	19	580.706			\$0	590							\$ -	\$ -	\$ -
6/17/2019	20	563.962			\$0	567							\$ -	\$ -	\$ -
6/17/2019	21	530.725			\$0	584							\$ -	\$ -	\$ -
6/17/2019	22	492.592			\$0	580							\$ -	\$ -	\$ -
6/17/2019	23	458.425	0	\$0.00	\$0	505							\$ -	\$ -	\$ -



Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Demand (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)	
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6
6/18/2019	0	434.046	38.05	\$17.80	\$677	396							\$ 677	\$ 677	\$ -
6/18/2019	1	414.441	47.44	\$16.16	\$767	367							\$ 767	\$ 767	\$ -
6/18/2019	2	405.587	38.59	\$15.65	\$604	367							\$ 604	\$ 604	\$ -
6/18/2019	3	410.553	43.55	\$15.88	\$692	367							\$ 692	\$ 692	\$ -
6/18/2019	4	426.281	59.28	\$17.89	\$1,061	367							\$ 1,061	\$ 1,061	\$ -
6/18/2019	5	459.59	92.59	\$18.87	\$1,747	367							\$ 1,747	\$ 1,747	\$ -
6/18/2019	6	490.691	124.69	\$19.56	\$2,439	366							\$ 2,439	\$ 1,839	\$ 600
6/18/2019	7	510.142	109.14	\$20.68	\$2,257	381					20		\$ 2,257	\$ 1,944	\$ 313
6/18/2019	8	515.972	57.97	\$22.29	\$1,292	387					71		\$ 1,292	\$ 1,292	\$ -
6/18/2019	9	530.537	1.54	\$25.14	\$39	456					73		\$ 39	\$ 39	\$ -
6/18/2019	10	542.298			\$0	522					73		\$ -	\$ -	\$ -
6/18/2019	11	557.953			\$0	557					74		\$ -	\$ -	\$ -
6/18/2019	12	579.483			\$0	594					74		\$ -	\$ -	\$ -
6/18/2019	13	602.108			\$0	605					75		\$ -	\$ -	\$ -
6/18/2019	14	614.958			\$0	604					74		\$ -	\$ -	\$ -
6/18/2019	15	629.628			\$0	604					73		\$ -	\$ -	\$ -
6/18/2019	16	633.597			\$0	603					70		\$ -	\$ -	\$ -
6/18/2019	17	624.756			\$0	605					24		\$ -	\$ -	\$ -
6/18/2019	18	611.989	6.99	\$26.87	\$188	605							\$ 188	\$ 188	\$ -
6/18/2019	19	597.186			\$0	604							\$ -	\$ -	\$ -
6/18/2019	20	588.138	0.14	\$26.05	\$4	588							\$ 4	\$ 4	\$ -
6/18/2019	21	553.08			\$0	607							\$ -	\$ -	\$ -
6/18/2019	22	508.952			\$0	577							\$ -	\$ -	\$ -
6/18/2019	23	469.97	0	\$0.00	\$0	500							\$ -	\$ -	\$ -
6/19/2019	0	442.72	11.72	\$18.13	\$212	431							\$ 212	\$ 212	\$ -
6/19/2019	1	422.237	51.24	\$16.75	\$858	371							\$ 858	\$ 858	\$ -
6/19/2019	2	411.514	43.51	\$16.12	\$701	368							\$ 701	\$ 701	\$ -
6/19/2019	3	410.468	42.47	\$16.43	\$698	368							\$ 698	\$ 698	\$ -
6/19/2019	4	425.053	54.05	\$17.98	\$972	371							\$ 972	\$ 972	\$ -
6/19/2019	5	450.359	91.36	\$19.39	\$1,771	359							\$ 1,771	\$ 1,771	\$ -
6/19/2019	6	487.381	82.38	\$19.94	\$1,643	405							\$ 1,643	\$ 1,643	\$ -
6/19/2019	7	522.7	78.7	\$20.94	\$1,648	444							\$ 1,648	\$ 1,648	\$ -
6/19/2019	8	555.053	46.05	\$23.06	\$1,062	509							\$ 1,062	\$ 1,062	\$ -
6/19/2019	9	580.374	37.37	\$25.42	\$950	543							\$ 950	\$ 950	\$ -
6/19/2019	10	596.025	55.03	\$27.60	\$1,519	541							\$ 1,519	\$ 1,519	\$ -
6/19/2019	11	618.44	40.44	\$28.55	\$1,155	578							\$ 1,155	\$ 1,155	\$ -
6/19/2019	12	640.928	4.93	\$31.45	\$155	602					34		\$ 155	\$ 155	\$ -
6/19/2019	13	659.526	45.53	\$31.19	\$1,420	602					12		\$ 1,420	\$ 1,420	\$ -
6/19/2019	14	672.326	69.33	\$33.89	\$2,350	603							\$ 2,350	\$ 2,350	\$ -
6/19/2019	15	675.186	71.19	\$34.47	\$2,454	604							\$ 2,454	\$ 2,454	\$ -
6/19/2019	16	668.198	66.2	\$33.81	\$2,238	602							\$ 2,238	\$ 2,238	\$ -
6/19/2019	17	637.846	34.85	\$28.99	\$1,010	603							\$ 1,010	\$ 1,010	\$ -
6/19/2019	18	605.531	1.53	\$27.29	\$42	604							\$ 42	\$ 42	\$ -
6/19/2019	19	581.943	0	\$0.00	\$0	601							\$ -	\$ -	\$ -
6/19/2019	20	566.159			\$0	603							\$ -	\$ -	\$ -
6/19/2019	21	527.038			\$0	588							\$ -	\$ -	\$ -
6/19/2019	22	462.206	0	\$0.00	\$0	575							\$ -	\$ -	\$ -
6/19/2019	23	456.517	0	\$0.00	\$0	512							\$ -	\$ -	\$ -
6/20/2019	0	436.255	4.26	\$17.80	\$76	432							\$ 76	\$ 76	\$ -
6/20/2019	1	420.772	48.77	\$16.47	\$803	372							\$ 803	\$ 803	\$ -
6/20/2019	2	412.986	43.99	\$15.94	\$701	369							\$ 701	\$ 701	\$ -
6/20/2019	3	411.983	41.98	\$16.33	\$686	370							\$ 686	\$ 686	\$ -
6/20/2019	4	424.593	51.59	\$18.41	\$950	373							\$ 950	\$ 950	\$ -
6/20/2019	5	453.094	95.09	\$19.18	\$1,824	358							\$ 1,824	\$ 1,803	\$ 21
6/20/2019	6	479.584	112.58	\$19.80	\$2,229	367							\$ 2,229	\$ 1,861	\$ 368
6/20/2019	7	497.154	94.15	\$20.25	\$1,907	382					21		\$ 1,907	\$ 1,904	\$ 3

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)	
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6
6/20/2019	8	515.806	43.81	\$22.50	\$986	399						73	\$ 986	\$ 986	\$ -
6/20/2019	9	528.955			\$0	458						75	\$ -	\$ -	\$ -
6/20/2019	10	543.444			\$0	502						75	\$ -	\$ -	\$ -
6/20/2019	11	554.998			\$0	563						75	\$ -	\$ -	\$ -
6/20/2019	12	565.824			\$0	604						75	\$ -	\$ -	\$ -
6/20/2019	13	561.931			\$0	605						75	\$ -	\$ -	\$ -
6/20/2019	14	539.427			\$0	604					4	\$ -	\$ -	\$ -	
6/20/2019	15	525.18			\$0	603						\$ -	\$ -	\$ -	
6/20/2019	16	521.533			\$0	587						\$ -	\$ -	\$ -	
6/20/2019	17	518.881			\$0	600						\$ -	\$ -	\$ -	
6/20/2019	18	511.912			\$0	605						\$ -	\$ -	\$ -	
6/20/2019	19	508.956			\$0	603						\$ -	\$ -	\$ -	
6/20/2019	20	509.961			\$0	606						\$ -	\$ -	\$ -	
6/20/2019	21	487.637			\$0	598						\$ -	\$ -	\$ -	
6/20/2019	22	455.301	0	\$0.00	\$0	545						\$ -	\$ -	\$ -	
6/20/2019	23	424.949	0	\$0.00	\$0	449						\$ -	\$ -	\$ -	
6/21/2019	0	404.372	30.37	\$18.27	\$555	374						\$ 555	\$ 555	\$ -	
6/21/2019	1	387.688	19.69	\$16.37	\$322	368						\$ 322	\$ 322	\$ -	
6/21/2019	2	378.792	9.79	\$15.96	\$156	369						\$ 156	\$ 156	\$ -	
6/21/2019	3	378.774	21.77	\$15.83	\$345	357						\$ 345	\$ 345	\$ -	
6/21/2019	4	391.528	24.53	\$17.90	\$439	367						\$ 439	\$ 439	\$ -	
6/21/2019	5	414.156	47.16	\$18.67	\$880	367						\$ 880	\$ 880	\$ -	
6/21/2019	6	439.549	67.55	\$19.05	\$1,287	372						\$ 1,287	\$ 1,287	\$ -	
6/21/2019	7	463.091	25.09	\$20.06	\$503	438						\$ 503	\$ 503	\$ -	
6/21/2019	8	493.441	0	\$0.00	\$0	535						\$ -	\$ -	\$ -	
6/21/2019	9	518.134			\$0	598						\$ -	\$ -	\$ -	
6/21/2019	10	533.979			\$0	602						\$ -	\$ -	\$ -	
6/21/2019	11	551.91			\$0	604						\$ -	\$ -	\$ -	
6/21/2019	12	569.644			\$0	603						\$ -	\$ -	\$ -	
6/21/2019	13	582.641			\$0	603						\$ -	\$ -	\$ -	
6/21/2019	14	596.709			\$0	604						\$ -	\$ -	\$ -	
6/21/2019	15	603.439	2.44	\$29.66	\$72	601						\$ 72	\$ 72	\$ -	
6/21/2019	16	593.456			\$0	600						\$ -	\$ -	\$ -	
6/21/2019	17	568.702			\$0	586						\$ -	\$ -	\$ -	
6/21/2019	18	555.074			\$0	604						\$ -	\$ -	\$ -	
6/21/2019	19	544.355			\$0	600						\$ -	\$ -	\$ -	
6/21/2019	20	534.368			\$0	596						\$ -	\$ -	\$ -	
6/21/2019	21	509.972			\$0	572						\$ -	\$ -	\$ -	
6/21/2019	22	474.63	0	\$0.00	\$0	527						\$ -	\$ -	\$ -	
6/21/2019	23	438.228	0	\$0.00	\$0	486						\$ -	\$ -	\$ -	
6/22/2019	0	412.803	0	\$0.00	\$0	443						\$ -	\$ -	\$ -	
6/22/2019	1	393.218	0	\$0.00	\$0	394						\$ -	\$ -	\$ -	
6/22/2019	2	382.427	15.43	\$13.81	\$213	367						\$ 213	\$ 213	\$ -	
6/22/2019	3	378.523	13.52	\$13.00	\$176	365						\$ 176	\$ 176	\$ -	
6/22/2019	4	380.428	14.43	\$12.88	\$186	366						\$ 186	\$ 186	\$ -	
6/22/2019	5	380.41	15.41	\$12.94	\$199	365						\$ 199	\$ 199	\$ -	
6/22/2019	6	396.165	28.17	\$14.71	\$414	368						\$ 414	\$ 414	\$ -	
6/22/2019	7	419.837	52.84	\$15.91	\$841	367						\$ 841	\$ 841	\$ -	
6/22/2019	8	436.598	81.6	\$17.41	\$1,421	355						\$ 1,421	\$ 1,421	\$ -	
6/22/2019	9	449.483	83.48	\$17.94	\$1,498	366						\$ 1,498	\$ 1,498	\$ -	
6/22/2019	10	455.229	79.23	\$19.70	\$1,561	376						\$ 1,561	\$ 1,561	\$ -	
6/22/2019	11	461.745	59.75	\$20.74	\$1,239	402						\$ 1,239	\$ 1,239	\$ -	
6/22/2019	12	461.349	28.35	\$21.61	\$613	433						\$ 613	\$ 613	\$ -	
6/22/2019	13	472.233	21.23	\$22.48	\$477	451						\$ 477	\$ 477	\$ -	
6/22/2019	14	485.1			\$0	501						\$ -	\$ -	\$ -	
6/22/2019	15	504.619			\$0	512						\$ -	\$ -	\$ -	

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)	
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6
6/22/2019	16	514.481	10.48	\$27.14	\$284	504							\$ 284	\$ 284	\$ -
6/22/2019	17	515.445			\$0	523							\$ -	\$ -	\$ -
6/22/2019	18	506.551			\$0	548							\$ -	\$ -	\$ -
6/22/2019	19	491.992			\$0	509							\$ -	\$ -	\$ -
6/22/2019	20	479.276	8.28	\$21.54	\$178	471							\$ 178	\$ 178	\$ -
6/22/2019	21	458.019	31.02	\$18.52	\$574	427							\$ 574	\$ 574	\$ -
6/22/2019	22	423.826	42.83	\$16.20	\$694	381							\$ 694	\$ 694	\$ -
6/22/2019	23	392.319	25.32	\$14.32	\$363	367							\$ 363	\$ 363	\$ -
6/23/2019	0	367.586	0.59	\$13.89	\$8	367							\$ 8	\$ 8	\$ -
6/23/2019	1	350.734			\$0	365							\$ -	\$ -	\$ -
6/23/2019	2	340.839			\$0	366							\$ -	\$ -	\$ -
6/23/2019	3	338.85			\$0	366							\$ -	\$ -	\$ -
6/23/2019	4	337.879			\$0	365							\$ -	\$ -	\$ -
6/23/2019	5	337.852			\$0	366							\$ -	\$ -	\$ -
6/23/2019	6	353.761			\$0	365							\$ -	\$ -	\$ -
6/23/2019	7	384.43	19.43	\$14.17	\$275	365							\$ 275	\$ 275	\$ -
6/23/2019	8	418.936	52.94	\$16.09	\$852	366							\$ 852	\$ 852	\$ -
6/23/2019	9	452.382	86.38	\$18.42	\$1,591	366							\$ 1,591	\$ 1,591	\$ -
6/23/2019	10	480.983	113.98	\$20.32	\$2,316	367							\$ 2,316	\$ 1,910	\$ 406
6/23/2019	11	500.578	127.58	\$22.24	\$2,837	373							\$ 2,837	\$ 2,091	\$ 747
6/23/2019	12	529.932	134.93	\$24.00	\$3,238	395							\$ 3,238	\$ 2,256	\$ 982
6/23/2019	13	555.991	109.99	\$26.18	\$2,880	446							\$ 2,880	\$ 2,461	\$ 419
6/23/2019	14	583.236	87.24	\$28.43	\$2,480	496							\$ 2,480	\$ 2,480	\$ -
6/23/2019	15	608.554	61.55	\$33.79	\$2,080	547							\$ 2,080	\$ 2,080	\$ -
6/23/2019	16	604.335	15.34	\$34.32	\$526	589							\$ 526	\$ 526	\$ -
6/23/2019	17	564.888			\$0	605							\$ -	\$ -	\$ -
6/23/2019	18	535.495			\$0	601							\$ -	\$ -	\$ -
6/23/2019	19	518.945			\$0	590							\$ -	\$ -	\$ -
6/23/2019	20	515.03			\$0	597							\$ -	\$ -	\$ -
6/23/2019	21	491.753			\$0	545							\$ -	\$ -	\$ -
6/23/2019	22	454.649			\$0	508							\$ -	\$ -	\$ -
6/23/2019	23	423.292	0	\$0.00	\$0	467							\$ -	\$ -	\$ -
6/24/2019	0	400.631	0	\$0.00	\$0	411							\$ -	\$ -	\$ -
6/24/2019	1	389.022	20.02	\$15.06	\$302	369							\$ 302	\$ 302	\$ -
6/24/2019	2	382.046	14.05	\$14.65	\$206	368							\$ 206	\$ 206	\$ -
6/24/2019	3	390.111	23.11	\$14.83	\$343	367							\$ 343	\$ 343	\$ -
6/24/2019	4	408.928	40.93	\$15.62	\$639	368							\$ 639	\$ 639	\$ -
6/24/2019	5	435.48	66.48	\$18.62	\$1,238	369							\$ 1,238	\$ 1,238	\$ -
6/24/2019	6	475.734	106.73	\$19.94	\$2,128	369							\$ 2,128	\$ 1,874	\$ 254
6/24/2019	7	516.002	126	\$21.66	\$2,729	390							\$ 2,729	\$ 2,036	\$ 693
6/24/2019	8	539.467	129.47	\$24.41	\$3,160	410							\$ 3,160	\$ 2,295	\$ 866
6/24/2019	9	560.727	91.73	\$26.95	\$2,472	469							\$ 2,472	\$ 2,472	\$ -
6/24/2019	10	575.01	90.01	\$29.41	\$2,647	485							\$ 2,647	\$ 2,647	\$ -
6/24/2019	11	589.49	87.49	\$33.60	\$2,940	502							\$ 2,940	\$ 2,940	\$ -
6/24/2019	12	586.404	42.4	\$31.49	\$1,335	544							\$ 1,335	\$ 1,335	\$ -
6/24/2019	13	592.459	9.46	\$35.40	\$335	583							\$ 335	\$ 335	\$ -
6/24/2019	14	585.4			\$0	602							\$ -	\$ -	\$ -
6/24/2019	15	562.906			\$0	597							\$ -	\$ -	\$ -
6/24/2019	16	573.899			\$0	597							\$ -	\$ -	\$ -
6/24/2019	17	582.776			\$0	597							\$ -	\$ -	\$ -
6/24/2019	18	583.837	0	\$0.00	\$0	598							\$ -	\$ -	\$ -
6/24/2019	19	566.102	0	\$0.00	\$0	599							\$ -	\$ -	\$ -
6/24/2019	20	556.388			\$0	596							\$ -	\$ -	\$ -
6/24/2019	21	526.099			\$0	582							\$ -	\$ -	\$ -
6/24/2019	22	486.93			\$0	561							\$ -	\$ -	\$ -
6/24/2019	23	452.521	0	\$0.00	\$0	504							\$ -	\$ -	\$ -

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)			
							East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6		
6/25/2019	0	431.903	14.9	\$16.14	\$240	417							\$	240	\$	240	\$	-
6/25/2019	1	410.128	49.13	\$15.13	\$743	361							\$	743	\$	743	\$	-
6/25/2019	2	397.39	29.39	\$14.65	\$431	368							\$	431	\$	431	\$	-
6/25/2019	3	398.376	31.38	\$14.82	\$465	367							\$	465	\$	465	\$	-
6/25/2019	4	409.132	40.13	\$15.78	\$633	369							\$	633	\$	633	\$	-
6/25/2019	5	431.929	63.93	\$18.14	\$1,160	368							\$	1,160	\$	1,160	\$	-
6/25/2019	6	468.382	58.38	\$19.51	\$1,139	368			42				\$	1,139	\$	1,139	\$	-
6/25/2019	7	496.79	43.79	\$20.47	\$896	372			81				\$	896	\$	896	\$	-
6/25/2019	8	525.374	116.37	\$22.50	\$2,618	395			14				\$	2,618	\$	2,115	\$	503
6/25/2019	9	555.997	122	\$24.98	\$3,048	434							\$	3,048	\$	2,348	\$	699
6/25/2019	10	576.287	92.29	\$27.07	\$2,498	484							\$	2,498	\$	2,498	\$	-
6/25/2019	11	592.664	48.66	\$30.81	\$1,499	544							\$	1,499	\$	1,499	\$	-
6/25/2019	12	614.869	21.87	\$32.97	\$721	593							\$	721	\$	721	\$	-
6/25/2019	13	634.458	48.46	\$32.77	\$1,588	586							\$	1,588	\$	1,588	\$	-
6/25/2019	14	647.286	43.29	\$36.26	\$1,570	604							\$	1,570	\$	1,570	\$	-
6/25/2019	15	661.064	56.06	\$40.48	\$2,269	605							\$	2,269	\$	2,269	\$	-
6/25/2019	16	667.047	65.05	\$38.95	\$2,534	602							\$	2,534	\$	2,534	\$	-
6/25/2019	17	662.337	62.34	\$34.01	\$2,120	600							\$	2,120	\$	2,120	\$	-
6/25/2019	18	649.964	325.96	\$32.27	\$10,519	324							\$	10,519	\$	3,033	\$	7,485
6/25/2019	19	628.055	29.06	\$30.22	\$878	599							\$	878	\$	878	\$	-
6/25/2019	20	610.278	10.28	\$27.83	\$286	600							\$	286	\$	286	\$	-
6/25/2019	21	572.4		\$0	\$0	585							\$	-	\$	-	\$	-
6/25/2019	22	522.78	0	\$0.00	\$0	583							\$	-	\$	-	\$	-
6/25/2019	23	479.502	0	\$0.00	\$0	499							\$	-	\$	-	\$	-
6/26/2019	0	449.939	10.94	\$15.49	\$169	439							\$	169	\$	169	\$	-
6/26/2019	1	425.457	31.46	\$14.82	\$466	394							\$	466	\$	466	\$	-
6/26/2019	2	410.666	35.67	\$13.93	\$497	375							\$	497	\$	497	\$	-
6/26/2019	3	409.643	39.64	\$13.96	\$553	370							\$	553	\$	553	\$	-
6/26/2019	4	426.358	56.36	\$15.01	\$846	370							\$	846	\$	846	\$	-
6/26/2019	5	448.917	176.92	\$17.56	\$3,107	272							\$	3,107	\$	1,651	\$	1,456
6/26/2019	6	485.498	115.5	\$18.84	\$2,176	370							\$	2,176	\$	1,771	\$	405
6/26/2019	7	524.753	158.75	\$20.49	\$3,253	366							\$	3,253	\$	1,926	\$	1,327
6/26/2019	8	562.637	151.64	\$22.49	\$3,410	411							\$	3,410	\$	2,114	\$	1,296
6/26/2019	9	601.898	156.9	\$25.03	\$3,927	445							\$	3,927	\$	2,353	\$	1,574
6/26/2019	10	631.277	116.28	\$27.49	\$3,197	515							\$	3,197	\$	2,584	\$	612
6/26/2019	11	656.564	70.56	\$32.06	\$2,262	586							\$	2,262	\$	2,262	\$	-
6/26/2019	12	683.144	79.14	\$35.27	\$2,791	604							\$	2,791	\$	2,791	\$	-
6/26/2019	13	708.634	100.63	\$36.86	\$3,709	605							\$	3,709	\$	3,465	\$	244
6/26/2019	14	729.108	0	\$0.00	\$0	604							\$	-	\$	-	\$	-
6/26/2019	15	740.724	0	\$0.00	\$0	601							\$	-	\$	-	\$	-
6/26/2019	16	746.626	0	\$0.00	\$0	605							\$	-	\$	-	\$	-
6/26/2019	17	746.445	0	\$0.00	\$0	588							\$	-	\$	-	\$	-
6/26/2019	18	733.906	0	\$0.00	\$0	605							\$	-	\$	-	\$	-
6/26/2019	19	707.34	86.34	\$31.73	\$2,740	603							\$	2,740	\$	2,740	\$	-
6/26/2019	20	688.576	86.58	\$28.99	\$2,510	602							\$	2,510	\$	2,510	\$	-
6/26/2019	21	646.437	49.44	\$23.79	\$1,176	597							\$	1,176	\$	1,176	\$	-
6/26/2019	22	595.032	43.03	\$21.76	\$936	552							\$	936	\$	936	\$	-
6/26/2019	23	550.378	95.38	\$19.12	\$1,824	455							\$	1,824	\$	1,797	\$	26
6/27/2019	0	516.106	120.11	\$18.01	\$2,163	396							\$	2,163	\$	1,693	\$	470
6/27/2019	1	489.454	121.45	\$16.40	\$1,992	368							\$	1,992	\$	1,542	\$	450
6/27/2019	2	471.595	112.6	\$15.30	\$1,723	359							\$	1,723	\$	1,438	\$	285
6/27/2019	3	464.725	96.73	\$15.31	\$1,481	368							\$	1,481	\$	1,439	\$	42
6/27/2019	4	474.422	105.42	\$16.69	\$1,759	369							\$	1,759	\$	1,569	\$	191
6/27/2019	5	492.689	123.69	\$18.71	\$2,314	369							\$	2,314	\$	1,759	\$	555
6/27/2019	6	524.988	155.99	\$20.59	\$3,212	369							\$	3,212	\$	1,935	\$	1,276
6/27/2019	7	556.288	144.29	\$22.29	\$3,216	412							\$	3,216	\$	2,095	\$	1,121

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)	
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6
6/27/2019	8	588.571	90.57	\$24.92	\$2,257	498							\$ 2,257	\$ 2,257	\$ -
6/27/2019	9	620.803	58.8	\$27.22	\$1,601	562							\$ 1,601	\$ 1,601	\$ -
6/27/2019	10	659.742	53.74	\$29.83	\$1,603	606							\$ 1,603	\$ 1,603	\$ -
6/27/2019	11	689.306	91.31	\$33.08	\$3,021	595			1		2		\$ 3,021	\$ 3,021	\$ -
6/27/2019	12	711.136	0	\$0.00	\$0	602			56		56		\$ -	\$ -	\$ -
6/27/2019	13	728.72	0.72	\$39.75	\$29	606			61		61		\$ 29	\$ 29	\$ -
6/27/2019	14	741.333	0	\$0.00	\$0	606			70		70		\$ -	\$ -	\$ -
6/27/2019	15	754.202	5.2	\$49.72	\$259	606			73		70		\$ 259	\$ 259	\$ -
6/27/2019	16	757.081	8.08	\$47.90	\$387	605			74		70		\$ 387	\$ 387	\$ -
6/27/2019	17	752.156	29.16	\$39.56	\$1,154	589			69		65		\$ 1,154	\$ 1,154	\$ -
6/27/2019	18	738.524	0	\$0.00	\$0	605			74		71		\$ -	\$ -	\$ -
6/27/2019	19	713.026	77.03	\$31.86	\$2,454	606			15		15		\$ 2,454	\$ 2,454	\$ -
6/27/2019	20	693.239	88.24	\$29.23	\$2,579	605							\$ 2,579	\$ 2,579	\$ -
6/27/2019	21	656.099	67.1	\$24.15	\$1,620	589							\$ 1,620	\$ 1,620	\$ -
6/27/2019	22	605.478	83.48	\$22.03	\$1,839	522							\$ 1,839	\$ 1,839	\$ -
6/27/2019	23	562.939	121.94	\$19.58	\$2,388	441							\$ 2,388	\$ 1,841	\$ 547
6/28/2019	0	524.926	154.93	\$19.08	\$2,956	370							\$ 2,956	\$ 1,794	\$ 1,163
6/28/2019	1	494.273	117.27	\$17.33	\$2,032	377							\$ 2,032	\$ 1,629	\$ 403
6/28/2019	2	479.68	112.68	\$15.79	\$1,779	367							\$ 1,779	\$ 1,484	\$ 295
6/28/2019	3	472.781	105.78	\$15.73	\$1,664	367							\$ 1,664	\$ 1,479	\$ 185
6/28/2019	4	479.148	112.15	\$17.37	\$1,948	367							\$ 1,948	\$ 1,633	\$ 315
6/28/2019	5	493.626	135.63	\$19.25	\$2,611	358							\$ 2,611	\$ 1,810	\$ 801
6/28/2019	6	530.991	163.99	\$21.43	\$3,514	367							\$ 3,514	\$ 2,014	\$ 1,500
6/28/2019	7	578.146	210.15	\$22.36	\$4,699	368							\$ 4,699	\$ 2,102	\$ 2,597
6/28/2019	8	624.1	228.1	\$25.20	\$5,748	396							\$ 5,748	\$ 2,369	\$ 3,379
6/28/2019	9	665.896	210.9	\$27.01	\$5,696	455							\$ 5,696	\$ 2,539	\$ 3,157
6/28/2019	10	699.078	70.08	\$29.84	\$2,091	512	26	29	31		31		\$ 2,091	\$ 2,091	\$ -
6/28/2019	11	726.376	0	\$0.00	\$0	561	60	62	60		60		\$ -	\$ -	\$ -
6/28/2019	12	743.84	0	\$0.00	\$0	586	64	70	66		64		\$ -	\$ -	\$ -
6/28/2019	13	757.454	0	\$0.00	\$0	598	63	65	65		63		\$ -	\$ -	\$ -
6/28/2019	14	766.403	0	\$0.00	\$0	576	68	70	67		67		\$ -	\$ -	\$ -
6/28/2019	15	772.125	0	\$0.00	\$0	547	70	72	71		68		\$ -	\$ -	\$ -
6/28/2019	16	771.263	0	\$0.00	\$0	508	74	76	73		70		\$ -	\$ -	\$ -
6/28/2019	17	760.82	67.82	\$39.37	\$2,670	563	58	62	5		5		\$ 2,670	\$ 2,670	\$ -
6/28/2019	18	745.227	142.23	\$33.55	\$4,772	603							\$ 4,772	\$ 3,154	\$ 1,618
6/28/2019	19	716.732	121.73	\$30.45	\$3,707	595							\$ 3,707	\$ 2,862	\$ 844
6/28/2019	20	694.249	124.25	\$28.69	\$3,565	570							\$ 3,565	\$ 2,697	\$ 868
6/28/2019	21	655.276	93.28	\$24.73	\$2,307	562							\$ 2,307	\$ 2,307	\$ -
6/28/2019	22	609.37	74.37	\$22.24	\$1,654	535							\$ 1,654	\$ 1,654	\$ -
6/28/2019	23	565.553	74.55	\$19.26	\$1,436	491							\$ 1,436	\$ 1,436	\$ -
6/29/2019	0	528.499	109.5	\$17.45	\$1,911	419							\$ 1,911	\$ 1,640	\$ 270
6/29/2019	1	496.087	123.09	\$16.09	\$1,981	373							\$ 1,981	\$ 1,512	\$ 468
6/29/2019	2	470.382	101.38	\$15.28	\$1,549	369							\$ 1,549	\$ 1,436	\$ 113
6/29/2019	3	457.593	89.59	\$14.89	\$1,334	368							\$ 1,334	\$ 1,334	\$ -
6/29/2019	4	452.702	84.7	\$14.64	\$1,240	368							\$ 1,240	\$ 1,240	\$ -
6/29/2019	5	447.802	89.8	\$14.77	\$1,326	358							\$ 1,326	\$ 1,326	\$ -
6/29/2019	6	472.39	105.39	\$16.97	\$1,788	367							\$ 1,788	\$ 1,595	\$ 193
6/29/2019	7	518.55	151.55	\$19.45	\$2,948	367							\$ 2,948	\$ 1,828	\$ 1,119
6/29/2019	8	566.127	175.13	\$21.82	\$3,821	391							\$ 3,821	\$ 2,051	\$ 1,770
6/29/2019	9	613.979	176.98	\$24.45	\$4,327	437							\$ 4,327	\$ 2,298	\$ 2,029
6/29/2019	10	647.035	155.04	\$26.61	\$4,126	492							\$ 4,126	\$ 2,501	\$ 1,624
6/29/2019	11	673.52	171.52	\$29.48	\$5,056	502							\$ 5,056	\$ 2,771	\$ 2,285
6/29/2019	12	690.364	216.36	\$30.53	\$6,605	474							\$ 6,605	\$ 2,870	\$ 3,736
6/29/2019	13	701.017	143.02	\$32.29	\$4,618	454	45	30	20		9		\$ 4,618	\$ 3,035	\$ 1,583
6/29/2019	14	710.821	0	\$0.00	\$0	443	71	74	71		65		\$ -	\$ -	\$ -
6/29/2019	15	717.734	0	\$0.00	\$0	465	69	71	69		66		\$ -	\$ -	\$ -

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Demand (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)	
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6
6/29/2019	16	723.703	0	\$0.00	\$0	516	71	73	71		68		\$ -	\$ -	\$ -
6/29/2019	17	717.792	0	\$0.00	\$0	571	69	71	69		66		\$ -	\$ -	\$ -
6/29/2019	18	706.132	0	\$0.00	\$0	604	19	71	69		67		\$ -	\$ -	\$ -
6/29/2019	19	681.56	0	\$0.00	\$0	588		51	49		67		\$ -	\$ -	\$ -
6/29/2019	20	660.91	51.91	\$25.79	\$1,339	605					4		\$ 1,339	\$ 1,339	\$ -
6/29/2019	21	627.629	39.63	\$22.82	\$904	588							\$ 904	\$ 904	\$ -
6/29/2019	22	587.834	66.83	\$20.36	\$1,361	521							\$ 1,361	\$ 1,361	\$ -
6/29/2019	23	546.142	130.14	\$19.09	\$2,484	416							\$ 2,484	\$ 1,794	\$ 690
6/30/2019	0	513.987	145.99	\$18.48	\$2,698	368							\$ 2,698	\$ 1,737	\$ 961
6/30/2019	1	486.458	122.46	\$17.51	\$2,144	364							\$ 2,144	\$ 1,646	\$ 498
6/30/2019	2	466.69	98.69	\$15.70	\$1,549	368							\$ 1,549	\$ 1,476	\$ 74
6/30/2019	3	456.8	89.8	\$15.06	\$1,352	367							\$ 1,352	\$ 1,352	\$ -
6/30/2019	4	455.863	89.86	\$14.33	\$1,288	366							\$ 1,288	\$ 1,288	\$ -
6/30/2019	5	450.085	83.09	\$14.11	\$1,172	367							\$ 1,172	\$ 1,172	\$ -
6/30/2019	6	468.667	103.67	\$16.24	\$1,684	365							\$ 1,684	\$ 1,527	\$ 157
6/30/2019	7	508.924	131.92	\$20.43	\$2,695	377							\$ 2,695	\$ 1,920	\$ 775
6/30/2019	8	557.106	161.11	\$21.21	\$3,417	396							\$ 3,417	\$ 1,994	\$ 1,423
6/30/2019	9	602.125	157.13	\$23.35	\$3,669	445							\$ 3,669	\$ 2,195	\$ 1,474
6/30/2019	10	640.539	150.54	\$24.61	\$3,705	490							\$ 3,705	\$ 2,313	\$ 1,391
6/30/2019	11	668.679	125.68	\$26.65	\$3,349	543							\$ 3,349	\$ 2,505	\$ 844
6/30/2019	12	685.315	117.32	\$28.26	\$3,315	568							\$ 3,315	\$ 2,656	\$ 659
6/30/2019	13	700.203	0	\$0.00	\$0	579	59	51			38	29	\$ -	\$ -	\$ -
6/30/2019	14	711.595	0	\$0.00	\$0	604	72	76			69	67	\$ -	\$ -	\$ -
6/30/2019	15	723.334	0	\$0.00	\$0	591	72	76			69	69	\$ -	\$ -	\$ -
6/30/2019	16	731.624	0	\$0.00	\$0	574	72	77			71	70	\$ -	\$ -	\$ -
6/30/2019	17	726.625	0	\$0.00	\$0	570	72	78			72	71	\$ -	\$ -	\$ -
6/30/2019	18	708.856	0	\$0.00	\$0	569	71	74			68	69	\$ -	\$ -	\$ -
6/30/2019	19	678.179	0	\$0.00	\$0	550	35	52			62	59	\$ -	\$ -	\$ -
6/30/2019	20	656.598	34.6	\$25.31	\$876	546					22	54	\$ 876	\$ 876	\$ -
6/30/2019	21	620.692	71.69	\$22.81	\$1,635	549							\$ 1,635	\$ 1,635	\$ -
6/30/2019	22	575.811	11.81	\$20.79	\$246	564							\$ 246	\$ 246	\$ -
6/30/2019	23	531.67	21.67	\$17.83	\$386	510							\$ 386	\$ 386	\$ -
7/1/2019	0	500.363	63.36	\$16.37	\$1,037	437							\$ 1,037	\$ 1,037	\$ -
7/1/2019	1	473.818	69.82	\$15.45	\$1,079	404							\$ 1,079	\$ 1,079	\$ -
7/1/2019	2	459.044	90.04	\$14.45	\$1,301	369							\$ 1,301	\$ 1,301	\$ -
7/1/2019	3	455.047	87.05	\$14.36	\$1,250	368							\$ 1,250	\$ 1,250	\$ -
7/1/2019	4	467.774	99.77	\$15.52	\$1,548	368							\$ 1,548	\$ 1,459	\$ 90
7/1/2019	5	487.471	120.47	\$17.79	\$2,143	367							\$ 2,143	\$ 1,672	\$ 471
7/1/2019	6	516.941	149.94	\$19.76	\$2,963	367							\$ 2,963	\$ 1,857	\$ 1,105
7/1/2019	7	552.272	187.27	\$22.07	\$4,133	365							\$ 4,133	\$ 2,075	\$ 2,058
7/1/2019	8	593.476	215.48	\$24.38	\$5,253	378							\$ 5,253	\$ 2,292	\$ 2,962
7/1/2019	9	632.573	218.57	\$28.22	\$6,168	414							\$ 6,168	\$ 2,653	\$ 3,515
7/1/2019	10	667.056	208.06	\$31.28	\$6,508	459							\$ 6,508	\$ 2,940	\$ 3,568
7/1/2019	11	696.249	197.25	\$34.19	\$6,744	499							\$ 6,744	\$ 3,214	\$ 3,530
7/1/2019	12	722.5	157.5	\$37.84	\$5,960	565							\$ 5,960	\$ 3,557	\$ 2,403
7/1/2019	13	742.061	155.06	\$40.31	\$6,250	587							\$ 6,250	\$ 3,789	\$ 2,461
7/1/2019	14	733.895	30.9	\$42.94	\$1,327	604	47	52			2	9	\$ 1,327	\$ 1,327	\$ -
7/1/2019	15	767.262	20.26	\$52.98	\$1,073	600	71	76			66	66	\$ 1,073	\$ 1,073	\$ -
7/1/2019	16	767.046		\$0	\$0	589	72	75	38		69	68	\$ -	\$ -	\$ -
7/1/2019	17	763.165	13.16	\$40.64	\$535	604	72	74	68		71	71	\$ 535	\$ 535	\$ -
7/1/2019	18	754.51	9.51	\$36.29	\$345	603	70	72	59		70	70	\$ 345	\$ 345	\$ -
7/1/2019	19	726.305		\$0	\$0	603	66	64	58		59	57	\$ -	\$ -	\$ -
7/1/2019	20	707.693	0	\$0.00	\$0	605	10	9	64		63	60	\$ -	\$ -	\$ -
7/1/2019	21	672.229	0	\$0.00	\$0	599			58		22	39	\$ -	\$ -	\$ -
7/1/2019	22	623.227	0	\$0.00	\$0	583			29				\$ -	\$ -	\$ -
7/1/2019	23	582.487	78.49	\$20.72	\$1,626	504							\$ 1,626	\$ 1,626	\$ -

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)	
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6
7/2/2019	0	553.406	143.41	\$19.79	\$2,838	410							\$ 2,838	\$ 1,860	\$ 978
7/2/2019	1	527.016	159.02	\$18.00	\$2,862	368							\$ 2,862	\$ 1,692	\$ 1,170
7/2/2019	2	512.237	145.24	\$16.38	\$2,379	367							\$ 2,379	\$ 1,540	\$ 839
7/2/2019	3	507.25	139.25	\$16.29	\$2,268	368							\$ 2,268	\$ 1,531	\$ 737
7/2/2019	4	517.075	150.08	\$18.44	\$2,767	367							\$ 2,767	\$ 1,733	\$ 1,034
7/2/2019	5	540.701	173.7	\$20.14	\$3,498	367							\$ 3,498	\$ 1,893	\$ 1,605
7/2/2019	6	574.106	204.11	\$21.73	\$4,435	370							\$ 4,435	\$ 2,043	\$ 2,393
7/2/2019	7	621.049	214.05	\$24.10	\$5,159	407							\$ 5,159	\$ 2,265	\$ 2,893
7/2/2019	8	661.886	216.89	\$28.39	\$6,158	445							\$ 6,158	\$ 2,669	\$ 3,489
7/2/2019	9	695.991	85.99	\$31.55	\$2,713	491	12	21	19	34	7	26	\$ 2,713	\$ 2,713	\$ -
7/2/2019	10	728.035	162.03	\$34.15	\$5,533	540	68	70	68	26	66	67	\$ 5,533	\$ 3,210	\$ 2,323
7/2/2019	11	752.314	97.31	\$39.46	\$3,840	582	73	74	73		71	71	\$ 3,840	\$ 3,709	\$ 131
7/2/2019	12	773.682	6.68	\$42.87	\$286	605	71	75	73		71	16	\$ 286	\$ 286	\$ -
7/2/2019	13	790.995		\$0	\$0	586	72	75	73		69		\$ -	\$ -	\$ -
7/2/2019	14	786.868		\$0	\$0	601	72	74	70		70		\$ -	\$ -	\$ -
7/2/2019	15	722.094		\$0	\$0	606	70	68	68		65		\$ -	\$ -	\$ -
7/2/2019	16	691.635		\$0	\$0	603	62	59	61		58		\$ -	\$ -	\$ -
7/2/2019	17	669.262		\$0	\$0	604	61	58	59		57		\$ -	\$ -	\$ -
7/2/2019	18	666.53		\$0	\$0	603	58	56	56		52		\$ -	\$ -	\$ -
7/2/2019	19	656.319		\$0	\$0	602	60	56	56		54		\$ -	\$ -	\$ -
7/2/2019	20	649.61		\$0	\$0	602	7	56	53		54		\$ -	\$ -	\$ -
7/2/2019	21	619.243	0	\$0.00	\$0	576		55	56		53		\$ -	\$ -	\$ -
7/2/2019	22	574.933	15.93	\$24.72	\$394	527		10	11		11		\$ 394	\$ 394	\$ -
7/2/2019	23	537.82	63.82	\$21.91	\$1,398	474							\$ 1,398	\$ 1,398	\$ -
7/3/2019	0	505.653	80.65	\$20.25	\$1,633	425							\$ 1,633	\$ 1,633	\$ -
7/3/2019	1	483.347	102.35	\$18.92	\$1,936	381							\$ 1,936	\$ 1,778	\$ 158
7/3/2019	2	469.63	112.63	\$17.07	\$1,923	357							\$ 1,923	\$ 1,605	\$ 318
7/3/2019	3	462.757	94.76	\$16.83	\$1,595	368							\$ 1,595	\$ 1,582	\$ 13
7/3/2019	4	472.554	104.55	\$19.09	\$1,996	368							\$ 1,996	\$ 1,794	\$ 201
7/3/2019	5	497.953	130.95	\$20.74	\$2,716	367							\$ 2,716	\$ 1,950	\$ 766
7/3/2019	6	522.352	149.35	\$21.99	\$3,284	373							\$ 3,284	\$ 2,067	\$ 1,217
7/3/2019	7	547.434	137.43	\$23.88	\$3,282	410							\$ 3,282	\$ 2,245	\$ 1,037
7/3/2019	8	594.345	131.35	\$27.22	\$3,575	463							\$ 3,575	\$ 2,559	\$ 1,017
7/3/2019	9	635.712	143.71	\$30.92	\$4,444	492							\$ 4,444	\$ 2,906	\$ 1,537
7/3/2019	10	672.933	128.93	\$36.85	\$4,751	544							\$ 4,751	\$ 3,464	\$ 1,287
7/3/2019	11	702.17	109.17	\$38.06	\$4,155	593							\$ 4,155	\$ 3,578	\$ 577
7/3/2019	12	729.359	125.36	\$41.60	\$5,215	604							\$ 5,215	\$ 3,910	\$ 1,305
7/3/2019	13	722.42	95.42	\$43.50	\$4,151	585							\$ 4,151	\$ 4,089	\$ 62
7/3/2019	14	681.255	0	\$0.00	\$0	603	17	25					\$ -	\$ -	\$ -
7/3/2019	15	668.674	50.67	\$53.65	\$2,718	605	13	67					\$ 2,718	\$ 2,718	\$ -
7/3/2019	16	666.723	64.72	\$49.52	\$3,205	602							\$ 3,205	\$ 3,205	\$ -
7/3/2019	17	650.983	46.98	\$40.59	\$1,907	604							\$ 1,907	\$ 1,907	\$ -
7/3/2019	18	636.299	32.3	\$35.08	\$1,133	604							\$ 1,133	\$ 1,133	\$ -
7/3/2019	19	615.805	10.81	\$32.54	\$352	605							\$ 352	\$ 352	\$ -
7/3/2019	20	606.966	7.97	\$30.70	\$245	599							\$ 245	\$ 245	\$ -
7/3/2019	21	575.539	0	\$0.00	\$0	597							\$ -	\$ -	\$ -
7/3/2019	22	536.345	0	\$0.00	\$0	566							\$ -	\$ -	\$ -
7/3/2019	23	502.3	0	\$0.00	\$0	507							\$ -	\$ -	\$ -
7/4/2019	0	472.359	8.36	\$19.36	\$162	464							\$ 162	\$ 162	\$ -
7/4/2019	1	447.997	37	\$18.74	\$693	411							\$ 693	\$ 693	\$ -
7/4/2019	2	435.183	65.18	\$17.85	\$1,163	370							\$ 1,163	\$ 1,163	\$ -
7/4/2019	3	428.185	70.19	\$16.76	\$1,176	358							\$ 1,176	\$ 1,176	\$ -
7/4/2019	4	424.193	58.19	\$16.02	\$932	366							\$ 932	\$ 932	\$ -
7/4/2019	5	419.233	52.23	\$15.91	\$831	367							\$ 831	\$ 831	\$ -
7/4/2019	6	419.09	53.09	\$18.43	\$978	366							\$ 978	\$ 978	\$ -
7/4/2019	7	445.638	78.64	\$20.41	\$1,605	367							\$ 1,605	\$ 1,605	\$ -

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)	
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6
7/4/2019	8	491.848	124.85	\$22.71	\$2,835	367							\$ 2,835	\$ 2,135	\$ 701
7/4/2019	9	538.504	131.5	\$24.88	\$3,272	407							\$ 3,272	\$ 2,339	\$ 933
7/4/2019	10	575.345	113.35	\$29.20	\$3,310	462							\$ 3,310	\$ 2,745	\$ 565
7/4/2019	11	602.655	87.66	\$32.77	\$2,873	515							\$ 2,873	\$ 2,873	\$ -
7/4/2019	12	626.14	56.14	\$33.37	\$1,873	570							\$ 1,873	\$ 1,873	\$ -
7/4/2019	13	639.784	41.78	\$33.98	\$1,420	598							\$ 1,420	\$ 1,420	\$ -
7/4/2019	14	647.693	43.69	\$33.85	\$1,479	604							\$ 1,479	\$ 1,479	\$ -
7/4/2019	15	637.784	32.78	\$36.42	\$1,194	605							\$ 1,194	\$ 1,194	\$ -
7/4/2019	16	613.127	10.13	\$36.13	\$366	603							\$ 366	\$ 366	\$ -
7/4/2019	17	609.276	6.28	\$33.66	\$211	603							\$ 211	\$ 211	\$ -
7/4/2019	18	606.599	20.6	\$31.22	\$643	586							\$ 643	\$ 643	\$ -
7/4/2019	19	579.35			\$0	589							\$ -	\$ -	\$ -
7/4/2019	20	564.738	16.74	\$25.81	\$432	548							\$ 432	\$ 432	\$ -
7/4/2019	21	541.258			\$0	551							\$ -	\$ -	\$ -
7/4/2019	22	517.871	0	\$0.00	\$0	521							\$ -	\$ -	\$ -
7/4/2019	23	482.61	16.61	\$20.43	\$339	466							\$ 339	\$ 339	\$ -
7/5/2019	0	454.517	39.52	\$19.11	\$755	415							\$ 755	\$ 755	\$ -
7/5/2019	1	433.026	62.03	\$18.11	\$1,123	371							\$ 1,123	\$ 1,123	\$ -
7/5/2019	2	421.257	52.26	\$17.06	\$892	369							\$ 892	\$ 892	\$ -
7/5/2019	3	416.301	47.3	\$16.78	\$794	369							\$ 794	\$ 794	\$ -
7/5/2019	4	426.112	57.11	\$17.91	\$1,023	369							\$ 1,023	\$ 1,023	\$ -
7/5/2019	5	440.9	71.9	\$19.11	\$1,374	369							\$ 1,374	\$ 1,374	\$ -
7/5/2019	6	471.455	102.46	\$20.03	\$2,052	369							\$ 2,052	\$ 1,883	\$ 169
7/5/2019	7	522.503	130.5	\$22.10	\$2,884	392							\$ 2,884	\$ 2,077	\$ 807
7/5/2019	8	571.339	179.34	\$25.56	\$4,584	392							\$ 4,584	\$ 2,403	\$ 2,181
7/5/2019	9	614.108	222.11	\$28.99	\$6,439	392							\$ 6,439	\$ 2,725	\$ 3,714
7/5/2019	10	655.014	263.01	\$32.07	\$8,435	392							\$ 8,435	\$ 3,015	\$ 5,420
7/5/2019	11	680.612	288.61	\$35.62	\$10,280	392							\$ 10,280	\$ 3,348	\$ 6,932
7/5/2019	12	697.911	307.91	\$40.48	\$12,464	390							\$ 12,464	\$ 3,805	\$ 8,659
7/5/2019	13	708.894	127.89	\$39.54	\$5,057	581							\$ 5,057	\$ 3,717	\$ 1,340
7/5/2019	14	721.495	116.5	\$43.79	\$5,102	605							\$ 5,102	\$ 4,116	\$ 985
7/5/2019	15	734.081	130.08	\$45.81	\$5,959	604							\$ 5,959	\$ 4,306	\$ 1,653
7/5/2019	16	739.91	159.91	\$46.14	\$7,378	580							\$ 7,378	\$ 4,337	\$ 3,041
7/5/2019	17	732.229	142.23	\$34.92	\$4,967	590							\$ 4,967	\$ 3,282	\$ 1,684
7/5/2019	18	714.766	111.77	\$33.16	\$3,706	603							\$ 3,706	\$ 3,117	\$ 589
7/5/2019	19	690.302	86.3	\$32.03	\$2,764	604							\$ 2,764	\$ 2,764	\$ -
7/5/2019	20	671.309	66.31	\$29.29	\$1,942	605							\$ 1,942	\$ 1,942	\$ -
7/5/2019	21	638.086	35.09	\$24.14	\$847	603							\$ 847	\$ 847	\$ -
7/5/2019	22	596.293	21.29	\$21.77	\$463	575							\$ 463	\$ 463	\$ -
7/5/2019	23	554.009	0	\$0.00	\$0	582							\$ -	\$ -	\$ -
7/6/2019	0	516.829	0	\$0.00	\$0	563							\$ -	\$ -	\$ -
7/6/2019	1	490.925	6.93	\$19.01	\$132	484							\$ 132	\$ 132	\$ -
7/6/2019	2	471.552	54.55	\$17.99	\$981	417							\$ 981	\$ 981	\$ -
7/6/2019	3	458.764	90.76	\$17.43	\$1,582	368							\$ 1,582	\$ 1,582	\$ -
7/6/2019	4	453.82	86.82	\$17.52	\$1,521	367							\$ 1,521	\$ 1,521	\$ -
7/6/2019	5	447.901	88.9	\$17.69	\$1,573	359							\$ 1,573	\$ 1,573	\$ -
7/6/2019	6	469.416	101.42	\$19.07	\$1,934	368							\$ 1,934	\$ 1,793	\$ 141
7/6/2019	7	514.337	101.34	\$20.97	\$2,125	413							\$ 2,125	\$ 1,971	\$ 154
7/6/2019	8	568.857	58.86	\$23.04	\$1,356	510							\$ 1,356	\$ 1,356	\$ -
7/6/2019	9	592.783	37.78	\$25.88	\$978	555							\$ 978	\$ 978	\$ -
7/6/2019	10	645.559	62.56	\$32.53	\$2,035	583							\$ 2,035	\$ 2,035	\$ -
7/6/2019	11	665.929	60.93	\$36.25	\$2,209	605							\$ 2,209	\$ 2,209	\$ -
7/6/2019	12	680.612	77.61	\$35.82	\$2,780	603							\$ 2,780	\$ 2,780	\$ -
7/6/2019	13	692.44	107.44	\$35.06	\$3,767	585							\$ 3,767	\$ 3,296	\$ 471
7/6/2019	14	701.316	115.32	\$37.05	\$4,273	586							\$ 4,273	\$ 3,483	\$ 790
7/6/2019	15	704.314	130.31	\$38.31	\$4,992	574							\$ 4,992	\$ 3,601	\$ 1,391



Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
							East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5			
7/6/2019	16	706.45	141.45	\$37.18	\$5,259	565							\$ 5,259	\$ 3,495	\$ 1,764
7/6/2019	17	701.753	104.75	\$32.32	\$3,386	597							\$ 3,386	\$ 3,038	\$ 347
7/6/2019	18	687.161	83.16	\$29.10	\$2,420	604							\$ 2,420	\$ 2,420	\$ -
7/6/2019	19	660.859	60.86	\$28.40	\$1,728	600							\$ 1,728	\$ 1,728	\$ -
7/6/2019	20	636.399	49.4	\$25.66	\$1,268	587							\$ 1,268	\$ 1,268	\$ -
7/6/2019	21	601.237	52.24	\$23.16	\$1,210	549							\$ 1,210	\$ 1,210	\$ -
7/6/2019	22	566.178	97.18	\$21.03	\$2,044	469							\$ 2,044	\$ 1,977	\$ 67
7/6/2019	23	531.197	136.2	\$20.21	\$2,753	395							\$ 2,753	\$ 1,900	\$ 853
7/7/2019	0	500.988	132.99	\$19.14	\$2,545	368							\$ 2,545	\$ 1,799	\$ 746
7/7/2019	1	474.434	107.43	\$18.55	\$1,993	367							\$ 1,993	\$ 1,744	\$ 249
7/7/2019	2	455.68	88.68	\$17.36	\$1,539	367							\$ 1,539	\$ 1,539	\$ -
7/7/2019	3	444.907	77.91	\$16.29	\$1,269	367							\$ 1,269	\$ 1,269	\$ -
7/7/2019	4	437.933	72.93	\$15.32	\$1,117	365							\$ 1,117	\$ 1,117	\$ -
7/7/2019	5	433.107	66.11	\$14.87	\$983	367							\$ 983	\$ 983	\$ -
7/7/2019	6	449.797	82.8	\$16.57	\$1,372	367							\$ 1,372	\$ 1,372	\$ -
7/7/2019	7	495.065	127.07	\$18.53	\$2,355	368							\$ 2,355	\$ 1,742	\$ 613
7/7/2019	8	530.326	162.33	\$20.67	\$3,355	368							\$ 3,355	\$ 1,943	\$ 1,412
7/7/2019	9	580.36	214.36	\$22.39	\$4,800	366							\$ 4,800	\$ 2,105	\$ 2,695
7/7/2019	10	623.271	181.27	\$24.18	\$4,383	442							\$ 4,383	\$ 2,273	\$ 2,110
7/7/2019	11	653.006	132.01	\$25.91	\$3,420	521							\$ 3,420	\$ 2,436	\$ 985
7/7/2019	12	674.202	113.2	\$27.38	\$3,099	561							\$ 3,099	\$ 2,574	\$ 526
7/7/2019	13	687.006	119.01	\$29.44	\$3,504	568							\$ 3,504	\$ 2,767	\$ 736
7/7/2019	14	700.713	124.71	\$28.49	\$3,553	576							\$ 3,553	\$ 2,678	\$ 875
7/7/2019	15	718.311	116.31	\$31.03	\$3,609	602							\$ 3,609	\$ 2,917	\$ 692
7/7/2019	16	728.151	125.15	\$31.56	\$3,950	603							\$ 3,950	\$ 2,967	\$ 983
7/7/2019	17	723.31	120.31	\$27.90	\$3,357	603							\$ 3,357	\$ 2,623	\$ 734
7/7/2019	18	708.678	116.68	\$25.49	\$2,974	592							\$ 2,974	\$ 2,396	\$ 578
7/7/2019	19	684.245	82.25	\$24.38	\$2,005	602							\$ 2,005	\$ 2,005	\$ -
7/7/2019	20	661.777	62.78	\$23.17	\$1,455	599							\$ 1,455	\$ 1,455	\$ -
7/7/2019	21	627.033	74.03	\$20.87	\$1,545	553							\$ 1,545	\$ 1,545	\$ -
7/7/2019	22	582.414	101.41	\$19.25	\$1,952	481							\$ 1,952	\$ 1,810	\$ 143
7/7/2019	23	537.419	143.42	\$17.53	\$2,514	394							\$ 2,514	\$ 1,648	\$ 866
7/8/2019	0	504.964	136.96	\$17.08	\$2,339	368							\$ 2,339	\$ 1,606	\$ 734
7/8/2019	1	478.322	110.32	\$15.69	\$1,731	368							\$ 1,731	\$ 1,475	\$ 256
7/8/2019	2	460.564	92.56	\$15.04	\$1,392	368							\$ 1,392	\$ 1,392	\$ -
7/8/2019	3	456.567	89.57	\$15.15	\$1,357	367							\$ 1,357	\$ 1,357	\$ -
7/8/2019	4	468.4	100.4	\$16.89	\$1,696	368							\$ 1,696	\$ 1,588	\$ 108
7/8/2019	5	492.192	123.19	\$17.61	\$2,169	369							\$ 2,169	\$ 1,655	\$ 514
7/8/2019	6	525.552	156.55	\$19.26	\$3,015	369							\$ 3,015	\$ 1,810	\$ 1,205
7/8/2019	7	561.929	142.93	\$20.51	\$2,931	419							\$ 2,931	\$ 1,928	\$ 1,004
7/8/2019	8	592.424	69.42	\$22.45	\$1,558	523							\$ 1,558	\$ 1,558	\$ -
7/8/2019	9	623.601	63.6	\$24.21	\$1,540	560							\$ 1,540	\$ 1,540	\$ -
7/8/2019	10	656.506	75.51	\$27.24	\$2,057	581							\$ 2,057	\$ 2,057	\$ -
7/8/2019	11	679.75	81.75	\$34.65	\$2,833	598							\$ 2,833	\$ 2,833	\$ -
7/8/2019	12	698.639	100.64	\$39.07	\$3,932	598							\$ 3,932	\$ 3,673	\$ 259
7/8/2019	13	716.019	50.02	\$40.50	\$2,026	591		28	37	10			\$ 2,026	\$ 2,026	\$ -
7/8/2019	14	725.551	0	\$0.00	\$0	605		73	69	68			\$ -	\$ -	\$ -
7/8/2019	15	737.329	0	\$0.00	\$0	586		75	73	71			\$ -	\$ -	\$ -
7/8/2019	16	740.674	0	\$0.00	\$0	604		75	74	72			\$ -	\$ -	\$ -
7/8/2019	17	734.868	0	\$0.00	\$0	605		74	72	72			\$ -	\$ -	\$ -
7/8/2019	18	720.329	0	\$0.00	\$0	607		69	69	69			\$ -	\$ -	\$ -
7/8/2019	19	692.52	0	\$0.00	\$0	595		66	67	67			\$ -	\$ -	\$ -
7/8/2019	20	667.854	0	\$0.00	\$0	586		64	64	64			\$ -	\$ -	\$ -
7/8/2019	21	628.004	0	\$0.00	\$0	555		56	56	55			\$ -	\$ -	\$ -
7/8/2019	22	579.19	39.19	\$19.40	\$760	512		9	10	9			\$ 760	\$ 760	\$ -
7/8/2019	23	537.053	81.05	\$17.14	\$1,389	456							\$ 1,389	\$ 1,389	\$ -

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)	
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6
7/9/2019	0	502.865	100.87	\$16.43	\$1,657	402						\$	1,657	\$ 1,544	\$ 113
7/9/2019	1	476.508	108.51	\$14.74	\$1,599	368						\$	1,599	\$ 1,386	\$ 214
7/9/2019	2	455.767	98.77	\$13.97	\$1,380	357						\$	1,380	\$ 1,313	\$ 67
7/9/2019	3	447.843	79.84	\$14.23	\$1,136	368						\$	1,136	\$ 1,136	\$ -
7/9/2019	4	456.711	88.71	\$15.36	\$1,363	368						\$	1,363	\$ 1,363	\$ -
7/9/2019	5	477.452	108.45	\$17.08	\$1,852	369						\$	1,852	\$ 1,606	\$ 247
7/9/2019	6	509.976	144.98	\$18.68	\$2,708	365						\$	2,708	\$ 1,756	\$ 952
7/9/2019	7	547.178	178.18	\$20.54	\$3,660	369						\$	3,660	\$ 1,931	\$ 1,729
7/9/2019	8	585.435	205.44	\$22.18	\$4,557	380						\$	4,557	\$ 2,085	\$ 2,472
7/9/2019	9	626.472	210.47	\$25.18	\$5,300	416						\$	5,300	\$ 2,367	\$ 2,933
7/9/2019	10	660.842	213.84	\$28.63	\$6,122	447						\$	6,122	\$ 2,691	\$ 3,431
7/9/2019	11	699.173	197.17	\$33.80	\$6,664	502						\$	6,664	\$ 3,177	\$ 3,487
7/9/2019	12	725.46	76.46	\$37.08	\$2,835	551		29	26	43		\$	2,835	\$ 2,835	\$ -
7/9/2019	13	744.715	39.71	\$40.70	\$1,616	560		73	72	72		\$	1,616	\$ 1,616	\$ -
7/9/2019	14	761.159	14.16	\$48.88	\$692	599		75	73	72		\$	692	\$ 692	\$ -
7/9/2019	15	765.053	14.05	\$62.85	\$883	604		74	73	71		\$	883	\$ 883	\$ -
7/9/2019	16	766.971	15.97	\$63.43	\$1,013	604		74	73	73		\$	1,013	\$ 1,013	\$ -
7/9/2019	17	763.155	19.15	\$42.67	\$817	599		72	73	71		\$	817	\$ 817	\$ -
7/9/2019	18	750.668		\$0	\$0	605		73	72	72		\$	-	\$ -	\$ -
7/9/2019	19	723.672	0	\$0.00	\$0	603		66	67	67		\$	-	\$ -	\$ -
7/9/2019	20	703.816	0	\$0.00	\$0	603		65	63	64		\$	-	\$ -	\$ -
7/9/2019	21	660.81	0	\$0.00	\$0	603		55	56	56		\$	-	\$ -	\$ -
7/9/2019	22	609.859	0	\$0.00	\$0	593		42	42	40		\$	-	\$ -	\$ -
7/9/2019	23	569.757	43.76	\$19.93	\$872	526						\$	872	\$ 872	\$ -
7/10/2019	0	528.726	98.73	\$18.84	\$1,860	430						\$	1,860	\$ 1,771	\$ 89
7/10/2019	1	501.346	133.35	\$17.85	\$2,380	368						\$	2,380	\$ 1,678	\$ 702
7/10/2019	2	483.647	125.65	\$16.18	\$2,033	358						\$	2,033	\$ 1,521	\$ 512
7/10/2019	3	477.688	109.69	\$16.33	\$1,791	368						\$	1,791	\$ 1,535	\$ 256
7/10/2019	4	487.462	118.46	\$18.37	\$2,176	369						\$	2,176	\$ 1,727	\$ 449
7/10/2019	5	509.214	142.21	\$19.24	\$2,736	367						\$	2,736	\$ 1,809	\$ 928
7/10/2019	6	545.544	172.54	\$21.25	\$3,666	373						\$	3,666	\$ 1,998	\$ 1,669
7/10/2019	7	591.545	179.55	\$22.83	\$4,099	412						\$	4,099	\$ 2,146	\$ 1,953
7/10/2019	8	644.553	210.55	\$26.22	\$5,521	434						\$	5,521	\$ 2,465	\$ 3,056
7/10/2019	9	689.572	211.57	\$30.01	\$6,349	460	9			9		\$	6,349	\$ 2,821	\$ 3,528
7/10/2019	10	721.814	0	\$0.00	\$0	477	67	66	64	65		\$	-	\$ -	\$ -
7/10/2019	11	750.09	28.09	\$37.04	\$1,040	503	73	74	72	71		\$	1,040	\$ 1,040	\$ -
7/10/2019	12	768.56		\$0	\$0	547	75	75	73	73		\$	-	\$ -	\$ -
7/10/2019	13	775.58		\$0	\$0	541	75	73	73	72		\$	-	\$ -	\$ -
7/10/2019	14	781.689	0	\$0.00	\$0	554	73	74	72	73		\$	-	\$ -	\$ -
7/10/2019	15	792.138	0	\$0.00	\$0	554	73	74	73	69		\$	-	\$ -	\$ -
7/10/2019	16	798.819	0	\$0.00	\$0	571	72	73	72	71		\$	-	\$ -	\$ -
7/10/2019	17	797.746	0	\$0.00	\$0	599	71	72	72	71		\$	-	\$ -	\$ -
7/10/2019	18	783.207	0	\$0.00	\$0	605	73	73	73	71		\$	-	\$ -	\$ -
7/10/2019	19	757.734	0	\$0.00	\$0	603	74	72	73	72		\$	-	\$ -	\$ -
7/10/2019	20	744.92	0	\$0.00	\$0	603	70	70	68	69		\$	-	\$ -	\$ -
7/10/2019	21	706.043	0	\$0.00	\$0	603	56	55	56	55		\$	-	\$ -	\$ -
7/10/2019	22	656.913	0	\$0.00	\$0	600	41	41	56	55		\$	-	\$ -	\$ -
7/10/2019	23	613.805	0.81	\$21.99	\$18	601			6	6		\$	18	\$ 18	\$ -
7/11/2019	0	571.55	0	\$0.00	\$0	593						\$	-	\$ -	\$ -
7/11/2019	1	542.229	56.23	\$19.63	\$1,104	486						\$	1,104	\$ 1,104	\$ -
7/11/2019	2	506.812	93.81	\$19.06	\$1,788	413						\$	1,788	\$ 1,788	\$ -
7/11/2019	3	516.762	146.76	\$19.01	\$2,790	370						\$	2,790	\$ 1,787	\$ 1,003
7/11/2019	4	526.472	157.47	\$19.72	\$3,105	369						\$	3,105	\$ 1,854	\$ 1,252
7/11/2019	5	549.075	158.08	\$21.33	\$3,372	391						\$	3,372	\$ 2,005	\$ 1,367
7/11/2019	6	571.56	152.56	\$22.52	\$3,436	419						\$	3,436	\$ 2,117	\$ 1,319
7/11/2019	7	609.779	144.78	\$24.53	\$3,551	465						\$	3,551	\$ 2,306	\$ 1,246

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
							East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5			
7/11/2019	8	656.882	143.88	\$28.40	\$4,086	513							\$ 4,086	\$ 2,670	\$ 1,417
7/11/2019	9	698.043	143.04	\$33.86	\$4,843	555							\$ 4,843	\$ 3,183	\$ 1,660
7/11/2019	10	724.567	94.57	\$36.89	\$3,489	461	47	37	48	37			\$ 3,489	\$ 3,468	\$ 21
7/11/2019	11	744.956	159.96	\$40.37	\$6,458	464	58	63	61	61			\$ 6,458	\$ 3,795	\$ 2,663
7/11/2019	12	768.244	15.24	\$44.07	\$672	553	64	69	67	67			\$ 672	\$ 672	\$ -
7/11/2019	13	779.949		\$0	\$0	527	65	69	68	68			\$ -	\$ -	\$ -
7/11/2019	14	787.867	0	\$0.00	\$0	547	59	63	62	60			\$ -	\$ -	\$ -
7/11/2019	15	787.104	13.1	\$55.09	\$722	555	53	55	56	55			\$ 722	\$ 722	\$ -
7/11/2019	16	786.277	0	\$0.00	\$0	556	60	63	60	61			\$ -	\$ -	\$ -
7/11/2019	17	772.672	0	\$0.00	\$0	586	55	57	57	57			\$ -	\$ -	\$ -
7/11/2019	18	753.329	0	\$0.00	\$0	600	45	49	55	55			\$ -	\$ -	\$ -
7/11/2019	19	721.945	102.95	\$33.41	\$3,440	604			8	7			\$ 3,440	\$ 3,141	\$ 299
7/11/2019	20	699.057	93.06	\$29.33	\$2,729	606							\$ 2,729	\$ 2,729	\$ -
7/11/2019	21	658.768	57.77	\$25.36	\$1,465	601							\$ 1,465	\$ 1,465	\$ -
7/11/2019	22	605.75	16.75	\$23.16	\$388	589							\$ 388	\$ 388	\$ -
7/11/2019	23	561.806	61.81	\$21.26	\$1,314	500							\$ 1,314	\$ 1,314	\$ -
7/12/2019	0	524.537	111.54	\$19.87	\$2,216	413							\$ 2,216	\$ 1,868	\$ 349
7/12/2019	1	496.996	129	\$19.12	\$2,466	368							\$ 2,466	\$ 1,797	\$ 669
7/12/2019	2	477.234	120.23	\$18.28	\$2,198	357							\$ 2,198	\$ 1,718	\$ 479
7/12/2019	3	468.332	99.33	\$18.49	\$1,837	369							\$ 1,837	\$ 1,738	\$ 99
7/12/2019	4	475.077	107.08	\$19.25	\$2,061	368							\$ 2,061	\$ 1,810	\$ 252
7/12/2019	5	489.904	119.9	\$20.66	\$2,477	370							\$ 2,477	\$ 1,942	\$ 535
7/12/2019	6	517.513	146.51	\$21.32	\$3,124	371							\$ 3,124	\$ 2,004	\$ 1,120
7/12/2019	7	548.889	140.89	\$22.53	\$3,174	408							\$ 3,174	\$ 2,118	\$ 1,056
7/12/2019	8	581.284	159.28	\$24.36	\$3,880	422							\$ 3,880	\$ 2,290	\$ 1,590
7/12/2019	9	615.392	165.39	\$27.35	\$4,523	450							\$ 4,523	\$ 2,571	\$ 1,953
7/12/2019	10	638.655	100.66	\$29.51	\$2,970	538							\$ 2,970	\$ 2,774	\$ 197
7/12/2019	11	658.281	56.28	\$32.18	\$1,811	602							\$ 1,811	\$ 1,811	\$ -
7/12/2019	12	679.131	0	\$0.00	\$0	603	51.9	48	49	65			\$ -	\$ -	\$ -
7/12/2019	13	695.871	28.77	\$37.89	\$1,090	602	65.1	69	66	66			\$ 1,090	\$ 1,090	\$ -
7/12/2019	14	710.508	39.11	\$42.91	\$1,678	602	69.4	75	72	73			\$ 1,678	\$ 1,678	\$ -
7/12/2019	15	723.154	49.95	\$46.18	\$2,307	603	70.2	74	73	72			\$ 2,307	\$ 2,307	\$ -
7/12/2019	16	727.935	52.83	\$48.81	\$2,579	605	70.1	74	73	73			\$ 2,579	\$ 2,579	\$ -
7/12/2019	17	722.374	65.27	\$37.19	\$2,427	587	70.1	73	73	73			\$ 2,427	\$ 2,427	\$ -
7/12/2019	18	704.993	0	\$0.00	\$0	606	56.6	56	57	56			\$ -	\$ -	\$ -
7/12/2019	19	671.742		\$0	\$0	603	55	56	56	57			\$ -	\$ -	\$ -
7/12/2019	20	642.033	26.73	\$27.97	\$748	602	7.3	2	2	2			\$ 748	\$ 748	\$ -
7/12/2019	21	600.237	1.24	\$24.54	\$30	599							\$ 30	\$ 30	\$ -
7/12/2019	22	550.339	0	\$0.00	\$0	563							\$ -	\$ -	\$ -
7/12/2019	23	501.095	0	\$0.00	\$0	539							\$ -	\$ -	\$ -
7/13/2019	0	463.699	0	\$0.00	\$0	488							\$ -	\$ -	\$ -
7/13/2019	1	434.089	0.09	\$17.79	\$2	434							\$ 2	\$ 2	\$ -
7/13/2019	2	415.384	45.38	\$16.54	\$751	370							\$ 751	\$ 751	\$ -
7/13/2019	3	403.585	36.59	\$15.54	\$569	367							\$ 569	\$ 569	\$ -
7/13/2019	4	403.611	35.61	\$15.44	\$550	368							\$ 550	\$ 550	\$ -
7/13/2019	5	400.573	33.57	\$15.26	\$512	367							\$ 512	\$ 512	\$ -
7/13/2019	6	420.255	52.26	\$17.59	\$919	368							\$ 919	\$ 919	\$ -
7/13/2019	7	463.631	106.63	\$19.96	\$2,128	357							\$ 2,128	\$ 1,876	\$ 252
7/13/2019	8	510.82	80.82	\$23.04	\$1,862	430							\$ 1,862	\$ 1,862	\$ -
7/13/2019	9	547.98	35.98	\$24.27	\$873	512							\$ 873	\$ 873	\$ -
7/13/2019	10	580.078	21.08	\$26.64	\$562	559							\$ 562	\$ 562	\$ -
7/13/2019	11	604.153	1.15	\$29.87	\$34	603							\$ 34	\$ 34	\$ -
7/13/2019	12	627.693	28.69	\$34.61	\$993	599							\$ 993	\$ 993	\$ -
7/13/2019	13	648.163	47.16	\$38.15	\$1,799	601							\$ 1,799	\$ 1,799	\$ -
7/13/2019	14	669.739	66.74	\$41.84	\$2,792	603							\$ 2,792	\$ 2,792	\$ -
7/13/2019	15	691.252	88.25	\$49.21	\$4,343	603		1		2			\$ 4,343	\$ 4,343	\$ -

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5			
7/13/2019	16	701.176	27.18	\$50.40	\$1,370	601	36	68	55	64	37	\$ 1,370	\$ 1,370	\$ -
7/13/2019	17	699.245			\$0	604	71	74	71	71	68	\$ -	\$ -	\$ -
7/13/2019	18	688.5	0	\$0.00	\$0	602	27	27	27	25	27	\$ -	\$ -	\$ -
7/13/2019	19	655.912	55.91	\$32.67	\$1,827	600						\$ 1,827	\$ 1,827	\$ -
7/13/2019	20	628.262	24.26	\$29.05	\$705	604						\$ 705	\$ 705	\$ -
7/13/2019	21	592.982			\$0	601						\$ -	\$ -	\$ -
7/13/2019	22	548.95			\$0	599						\$ -	\$ -	\$ -
7/13/2019	23	507.92	0	\$0.00	\$0	580						\$ -	\$ -	\$ -
7/14/2019	0	474.132	0	\$0.00	\$0	538						\$ -	\$ -	\$ -
7/14/2019	1	448.959	0	\$0.00	\$0	494						\$ -	\$ -	\$ -
7/14/2019	2	429.352	0	\$0.00	\$0	450						\$ -	\$ -	\$ -
7/14/2019	3	415.62	29.62	\$15.60	\$462	386						\$ 462	\$ 462	\$ -
7/14/2019	4	409.777	44.78	\$15.47	\$693	365						\$ 693	\$ 693	\$ -
7/14/2019	5	403.883	37.88	\$15.12	\$573	366						\$ 573	\$ 573	\$ -
7/14/2019	6	420.671	55.67	\$16.75	\$932	365						\$ 932	\$ 932	\$ -
7/14/2019	7	464.041	98.04	\$19.16	\$1,878	366						\$ 1,878	\$ 1,801	\$ 77
7/14/2019	8	513.229	115.23	\$22.21	\$2,559	398						\$ 2,559	\$ 2,088	\$ 472
7/14/2019	9	565.792	110.79	\$24.30	\$2,692	455						\$ 2,692	\$ 2,284	\$ 408
7/14/2019	10	608.38	75.38	\$27.19	\$2,050	533						\$ 2,050	\$ 2,050	\$ -
7/14/2019	11	639.57	39.57	\$30.01	\$1,187	600						\$ 1,187	\$ 1,187	\$ -
7/14/2019	12	661.08	61.08	\$33.17	\$2,026	600						\$ 2,026	\$ 2,026	\$ -
7/14/2019	13	681.804	79.8	\$35.30	\$2,817	602						\$ 2,817	\$ 2,817	\$ -
7/14/2019	14	703.347	113.35	\$41.27	\$4,678	590						\$ 4,678	\$ 3,879	\$ 799
7/14/2019	15	724.965	155.97	\$47.28	\$7,374	569						\$ 7,374	\$ 4,444	\$ 2,930
7/14/2019	16	738.821	184.82	\$50.30	\$9,296	554						\$ 9,296	\$ 4,728	\$ 4,568
7/14/2019	17	735.982	181.98	\$39.39	\$7,168	554						\$ 7,168	\$ 3,703	\$ 3,466
7/14/2019	18	725.292	143.29	\$36.69	\$5,257	582						\$ 5,257	\$ 3,449	\$ 1,808
7/14/2019	19	702.712	102.71	\$32.37	\$3,325	600						\$ 3,325	\$ 3,043	\$ 282
7/14/2019	20	683.846	85.85	\$28.87	\$2,478	598						\$ 2,478	\$ 2,478	\$ -
7/14/2019	21	650.714	69.71	\$24.45	\$1,704	581						\$ 1,704	\$ 1,704	\$ -
7/14/2019	22	600.913	9.91	\$22.35	\$221	591						\$ 221	\$ 221	\$ -
7/14/2019	23	551.8	8.8	\$19.81	\$174	543						\$ 174	\$ 174	\$ -
7/15/2019	0	520.82	48.82	\$19.08	\$931	472						\$ 931	\$ 931	\$ -
7/15/2019	1	492.508	73.51	\$18.00	\$1,323	419						\$ 1,323	\$ 1,323	\$ -
7/15/2019	2	477.935	106.94	\$16.43	\$1,757	371						\$ 1,757	\$ 1,544	\$ 213
7/15/2019	3	474.943	106.94	\$16.22	\$1,735	368						\$ 1,735	\$ 1,525	\$ 210
7/15/2019	4	487.776	120.78	\$17.70	\$2,138	367						\$ 2,138	\$ 1,664	\$ 474
7/15/2019	5	514.283	76.28	\$19.05	\$1,453	438						\$ 1,453	\$ 1,453	\$ -
7/15/2019	6	550.528	31.53	\$19.96	\$629	519						\$ 629	\$ 629	\$ -
7/15/2019	7	592.447	78.45	\$22.74	\$1,784	514						\$ 1,784	\$ 1,784	\$ -
7/15/2019	8	623.235	51.24	\$24.62	\$1,262	572						\$ 1,262	\$ 1,262	\$ -
7/15/2019	9	660.277	83.28	\$28.07	\$2,338	577						\$ 2,338	\$ 2,338	\$ -
7/15/2019	10	700.738	103.74	\$29.42	\$3,052	597						\$ 3,052	\$ 2,765	\$ 287
7/15/2019	11	743.755	141.76	\$34.28	\$4,860	602						\$ 4,860	\$ 3,222	\$ 1,637
7/15/2019	12	758.324	191.32	\$39.25	\$7,509	567						\$ 7,509	\$ 3,690	\$ 3,820
7/15/2019	13	753.333	217.33	\$39.43	\$8,569	536						\$ 8,569	\$ 3,706	\$ 4,863
7/15/2019	14	726.738	29.74	\$42.24	\$1,256	501	48	33	43	30	42	\$ 1,256	\$ 1,256	\$ -
7/15/2019	15	692.108	81.11	\$47.18	\$3,827	486	62	63	62	61	62	\$ 3,827	\$ 3,827	\$ -
7/15/2019	16	646.863			\$0	549	60	60	59	59	59	\$ -	\$ -	\$ -
7/15/2019	17	625.366			\$0	595	67	68	66	66	66	\$ -	\$ -	\$ -
7/15/2019	18	617.756	0	\$0.00	\$0	605	67	67	66	66	67	\$ -	\$ -	\$ -
7/15/2019	19	606.127	0	\$0.00	\$0	602	42	41	57	57	57	\$ -	\$ -	\$ -
7/15/2019	20	603.337	0	\$0.00	\$0	603			11	11	13	\$ -	\$ -	\$ -
7/15/2019	21	573.625	0	\$0.00	\$0	605						\$ -	\$ -	\$ -
7/15/2019	22	535.261			\$0	603						\$ -	\$ -	\$ -
7/15/2019	23	502.017	0	\$0.00	\$0	582						\$ -	\$ -	\$ -

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)	
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6
7/16/2019	0	480.786	0	\$0.00	\$0	526							\$ -	\$ -	\$ -
7/16/2019	1	464.128	0	\$0.00	\$0	478							\$ -	\$ -	\$ -
7/16/2019	2	456.544	22.54	\$19.22	\$433	434							\$ 433	\$ 433	\$ -
7/16/2019	3	457.81	54.81	\$19.02	\$1,042	403							\$ 1,042	\$ 1,042	\$ -
7/16/2019	4	473.489	106.49	\$19.64	\$2,091	367							\$ 2,091	\$ 1,846	\$ 245
7/16/2019	5	507.791	133.79	\$20.68	\$2,767	374							\$ 2,767	\$ 1,944	\$ 823
7/16/2019	6	536.125	153.13	\$22.51	\$3,447	383							\$ 3,447	\$ 2,116	\$ 1,331
7/16/2019	7	563.974	102.97	\$24.35	\$2,507	461							\$ 2,507	\$ 2,289	\$ 218
7/16/2019	8	590.383	50.38	\$26.95	\$1,358	540							\$ 1,358	\$ 1,358	\$ -
7/16/2019	9	630.769	51.77	\$30.06	\$1,556	569			10				\$ 1,556	\$ 1,556	\$ -
7/16/2019	10	674.135	0	\$0.00	\$0	587	61	15	62	5	1		\$ -	\$ -	\$ -
7/16/2019	11	702.39	0	\$0.00	\$0	596	60	70	60	60	58		\$ -	\$ -	\$ -
7/16/2019	12	729.724	9.72	\$39.70	\$386	585	62	73	62	62	60		\$ 386	\$ 386	\$ -
7/16/2019	13	747.465	95.46	\$54.44	\$5,197	508	72	72	71	70	69		\$ 5,197	\$ 5,117	\$ 79
7/16/2019	14	747.487	132.49	\$64.83	\$8,589	469	73	73	72	72	72		\$ 8,589	\$ 6,094	\$ 2,495
7/16/2019	15	735.697	89.7	\$52.93	\$4,748	500	73	73	73	72	72		\$ 4,748	\$ 4,748	\$ -
7/16/2019	16	743.738	88.74	\$50.15	\$4,450	509	74	72	73	72	72		\$ 4,450	\$ 4,450	\$ -
7/16/2019	17	733.996	31	\$41.34	\$1,282	556	74	73	73	73	72		\$ 1,282	\$ 1,282	\$ -
7/16/2019	18	715.335			\$0	606	74	71	73	73	73		\$ -	\$ -	\$ -
7/16/2019	19	694.928			\$0	605	71	71	73	73	72		\$ -	\$ -	\$ -
7/16/2019	20	687.114	0	\$0.00	\$0	603	73	72	72	73	73		\$ -	\$ -	\$ -
7/16/2019	21	640.764	0	\$0.00	\$0	605	20	19	20	17	21		\$ -	\$ -	\$ -
7/16/2019	22	588.391			\$0	603							\$ -	\$ -	\$ -
7/16/2019	23	550.18			\$0	598							\$ -	\$ -	\$ -
7/17/2019	0	520.994	0	\$0.00	\$0	536							\$ -	\$ -	\$ -
7/17/2019	1	498.646	22.65	\$20.62	\$467	476							\$ 467	\$ 467	\$ -
7/17/2019	2	484.205	73.21	\$20.20	\$1,479	411							\$ 1,479	\$ 1,479	\$ -
7/17/2019	3	482.252	115.25	\$20.08	\$2,314	367							\$ 2,314	\$ 1,888	\$ 427
7/17/2019	4	495.841	127.84	\$20.65	\$2,640	368							\$ 2,640	\$ 1,941	\$ 699
7/17/2019	5	526.999	160	\$22.38	\$3,581	367							\$ 3,581	\$ 2,104	\$ 1,477
7/17/2019	6	552.331	171.33	\$22.92	\$3,927	381							\$ 3,927	\$ 2,154	\$ 1,772
7/17/2019	7	572.729	76.73	\$25.19	\$1,933	496							\$ 1,933	\$ 1,933	\$ -
7/17/2019	8	588.462	0	\$0.00	\$0	591							\$ -	\$ -	\$ -
7/17/2019	9	616.155	8.16	\$32.19	\$263	608							\$ 263	\$ 263	\$ -
7/17/2019	10	642.714	32.71	\$34.20	\$1,119	610							\$ 1,119	\$ 1,119	\$ -
7/17/2019	11	658.338	50.34	\$40.51	\$2,039	608							\$ 2,039	\$ 2,039	\$ -
7/17/2019	12	657.201	24.2	\$45.74	\$1,107	608	25						\$ 1,107	\$ 1,107	\$ -
7/17/2019	13	647.098			\$0	607	59	51	54	55			\$ -	\$ -	\$ -
7/17/2019	14	678.488			\$0	587	57	59	56	57			\$ -	\$ -	\$ -
7/17/2019	15	715.955			\$0	598	60	61	60	61	50	61	\$ -	\$ -	\$ -
7/17/2019	16	739.602			\$0	550	64	64	63	63	54	63	\$ -	\$ -	\$ -
7/17/2019	17	741.631	17.63	\$45.46	\$801	515	70	69	70	68	54	70	\$ 801	\$ 801	\$ -
7/17/2019	18	713.353	179.35	\$38.97	\$6,989	501	10	11	11	10	11	12	\$ 6,989	\$ 3,663	\$ 3,326
7/17/2019	19	686.993	142.99	\$36.34	\$5,196	544							\$ 5,196	\$ 3,416	\$ 1,780
7/17/2019	20	675.223	135.22	\$32.70	\$4,422	540							\$ 4,422	\$ 3,074	\$ 1,348
7/17/2019	21	635.867	126.87	\$27.95	\$3,546	509							\$ 3,546	\$ 2,627	\$ 919
7/17/2019	22	584.726	87.73	\$25.01	\$2,194	497							\$ 2,194	\$ 2,194	\$ -
7/17/2019	23	545.632	85.63	\$22.62	\$1,937	460							\$ 1,937	\$ 1,937	\$ -
7/18/2019	0	513.47	103.47	\$21.79	\$2,255	410							\$ 2,255	\$ 2,048	\$ 206
7/18/2019	1	491.174	120.17	\$20.48	\$2,461	371							\$ 2,461	\$ 1,925	\$ 536
7/18/2019	2	479.642	111.64	\$20.01	\$2,234	368							\$ 2,234	\$ 1,881	\$ 353
7/18/2019	3	476.682	109.68	\$19.76	\$2,167	367							\$ 2,167	\$ 1,857	\$ 310
7/18/2019	4	487.227	131.23	\$20.24	\$2,656	356							\$ 2,656	\$ 1,903	\$ 754
7/18/2019	5	513.63	109.63	\$21.23	\$2,327	404							\$ 2,327	\$ 1,996	\$ 332
7/18/2019	6	546.726	102.73	\$22.91	\$2,354	444							\$ 2,354	\$ 2,154	\$ 200
7/18/2019	7	596.537	135.54	\$24.48	\$3,318	461							\$ 3,318	\$ 2,301	\$ 1,017

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
							East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5			
7/18/2019	8	643.495	162.5	\$29.33	\$4,766	481							\$ 4,766	\$ 2,757	\$ 2,009
7/18/2019	9	682.933	135.93	\$33.29	\$4,525	547							\$ 4,525	\$ 3,129	\$ 1,396
7/18/2019	10	714.126	117.13	\$38.11	\$4,464	597							\$ 4,464	\$ 3,582	\$ 881
7/18/2019	11	743.555	139.56	\$42.54	\$5,937	604							\$ 5,937	\$ 3,999	\$ 1,938
7/18/2019	12	770.008	76.01	\$46.82	\$3,559	604	20	15	6	9	16	24	\$ 3,559	\$ 3,559	\$ -
7/18/2019	13	788.623	0	\$0.00	\$0	606	64	68	66	65	64	66	\$ -	\$ -	\$ -
7/18/2019	14	756.18	0	\$0.00	\$0	604	65	68	66	65	66	67	\$ -	\$ -	\$ -
7/18/2019	15	746.511	0	\$0.00	\$0	601	55	57	57	57	57	58	\$ -	\$ -	\$ -
7/18/2019	16	762.42	0	\$0.00	\$0	599	64	67	67	66	67	66	\$ -	\$ -	\$ -
7/18/2019	17	757.545	0	\$0.00	\$0	604	69	72	71	71	72	72	\$ -	\$ -	\$ -
7/18/2019	18	752.679	0	\$0.00	\$0	601	61	64	64	65	64	65	\$ -	\$ -	\$ -
7/18/2019	19	725.417	0	\$0.00	\$0	604	54	55	56	56	55	56	\$ -	\$ -	\$ -
7/18/2019	20	708.824	0	\$0.00	\$0	604	59	60	61	60	61	61	\$ -	\$ -	\$ -
7/18/2019	21	671.448	21.45	\$30.56	\$656	602	7	7	8	6	10	10	\$ 656	\$ 656	\$ -
7/18/2019	22	629.233	49.23	\$25.69	\$1,265	580							\$ 1,265	\$ 1,265	\$ -
7/18/2019	23	588.404	46.4	\$22.83	\$1,059	542							\$ 1,059	\$ 1,059	\$ -
7/19/2019	0	552.542	85.54	\$21.62	\$1,849	467							\$ 1,849	\$ 1,849	\$ -
7/19/2019	1	521.277	122.28	\$20.50	\$2,507	399							\$ 2,507	\$ 1,927	\$ 580
7/19/2019	2	506.576	137.58	\$19.76	\$2,719	369							\$ 2,719	\$ 1,857	\$ 861
7/19/2019	3	504.566	136.57	\$19.61	\$2,678	368							\$ 2,678	\$ 1,843	\$ 835
7/19/2019	4	520.125	153.13	\$20.10	\$3,078	367							\$ 3,078	\$ 1,889	\$ 1,189
7/19/2019	5	551.297	184.3	\$22.01	\$4,056	367							\$ 4,056	\$ 2,069	\$ 1,988
7/19/2019	6	583.478	193.48	\$23.44	\$4,535	390							\$ 4,535	\$ 2,203	\$ 2,332
7/19/2019	7	614.525	169.53	\$26.79	\$4,542	445							\$ 4,542	\$ 2,518	\$ 2,023
7/19/2019	8	649.632	115.63	\$32.07	\$3,708	534							\$ 3,708	\$ 3,015	\$ 694
7/19/2019	9	677.916	77.92	\$35.22	\$2,744	600							\$ 2,744	\$ 2,744	\$ -
7/19/2019	10	706.377	103.38	\$45.74	\$4,729	603							\$ 4,729	\$ 4,300	\$ 429
7/19/2019	11	734.498	130.5	\$50.91	\$6,644	604							\$ 6,644	\$ 4,786	\$ 1,858
7/19/2019	12	764.699	175.7	\$61.41	\$10,790	589							\$ 10,790	\$ 5,773	\$ 5,017
7/19/2019	13	783.4	180.4	\$75.28	\$13,581	603							\$ 13,581	\$ 7,076	\$ 6,504
7/19/2019	14	794.12	191.12	\$86.24	\$16,482	603							\$ 16,482	\$ 8,107	\$ 8,376
7/19/2019	15	791.027	188.03	\$90.73	\$17,060	603							\$ 17,060	\$ 8,529	\$ 8,531
7/19/2019	16	792.797	186.8	\$92.56	\$17,290	606							\$ 17,290	\$ 8,701	\$ 8,590
7/19/2019	17	789.895	185.9	\$70.00	\$13,013	604							\$ 13,013	\$ 6,580	\$ 6,433
7/19/2019	18	776.566	169.57	\$50.73	\$8,602	607							\$ 8,602	\$ 4,769	\$ 3,834
7/19/2019	19	750.383	148.38	\$46.31	\$6,871	602							\$ 6,871	\$ 4,353	\$ 2,518
7/19/2019	20	733.885	132.89	\$37.50	\$4,983	601							\$ 4,983	\$ 3,525	\$ 1,458
7/19/2019	21	698.401	95.4	\$31.03	\$2,960	603							\$ 2,960	\$ 2,917	\$ 43
7/19/2019	22	653.251	151.25	\$27.59	\$4,173	502							\$ 4,173	\$ 2,593	\$ 1,580
7/19/2019	23	609.163	32.16	\$23.65	\$761	577							\$ 761	\$ 761	\$ -
7/20/2019	0	575.888	20.89	\$22.05	\$461	555							\$ 461	\$ 461	\$ -
7/20/2019	1	545.529	42.53	\$20.30	\$863	503							\$ 863	\$ 863	\$ -
7/20/2019	2	523.517	56.52	\$20.03	\$1,132	467							\$ 1,132	\$ 1,132	\$ -
7/20/2019	3	510.116	139.12	\$19.43	\$2,703	371							\$ 2,703	\$ 1,826	\$ 877
7/20/2019	4	509.213	142.21	\$19.23	\$2,735	367							\$ 2,735	\$ 1,808	\$ 927
7/20/2019	5	506.306	137.31	\$19.21	\$2,638	369							\$ 2,638	\$ 1,806	\$ 832
7/20/2019	6	522.771	155.77	\$21.42	\$3,337	367							\$ 3,337	\$ 2,013	\$ 1,323
7/20/2019	7	569.803	179.8	\$23.49	\$4,224	390							\$ 4,224	\$ 2,208	\$ 2,015
7/20/2019	8	624.502	154.5	\$27.82	\$4,298	470							\$ 4,298	\$ 2,615	\$ 1,683
7/20/2019	9	670.261	161.26	\$31.14	\$5,022	509							\$ 5,022	\$ 2,927	\$ 2,094
7/20/2019	10	703.224	148.22	\$35.40	\$5,247	555							\$ 5,247	\$ 3,328	\$ 1,919
7/20/2019	11	728.489	126.49	\$38.14	\$4,824	602							\$ 4,824	\$ 3,585	\$ 1,239
7/20/2019	12	745.047	141.05	\$40.90	\$5,769	604							\$ 5,769	\$ 3,845	\$ 1,924
7/20/2019	13	755.619	151.62	\$47.01	\$7,128	604							\$ 7,128	\$ 4,419	\$ 2,709
7/20/2019	14	763.393	163.39	\$50.71	\$8,286	600							\$ 8,286	\$ 4,767	\$ 3,519
7/20/2019	15	771.019	7.02	\$55.68	\$391	599							\$ 391	\$ 391	\$ -

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)				
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6			
7/20/2019	16	774.726	0	\$0.00	\$0	601		72	70	68	67	68	\$	-	\$	-	\$	-
7/20/2019	17	769.984	0	\$0.00	\$0	603		74	71	71	67	69	\$	-	\$	-	\$	-
7/20/2019	18	751.749	0	\$0.00	\$0	601		67	68	67	66	67	\$	-	\$	-	\$	-
7/20/2019	19	725.608	0	\$0.00	\$0	586		59	60	62	62	63	\$	-	\$	-	\$	-
7/20/2019	20	706.134	79.13	\$32.48	\$2,570	602							\$	2,570	\$	2,570	\$	-
7/20/2019	21	671.646	68.65	\$27.80	\$1,908	603							\$	1,908	\$	1,908	\$	-
7/20/2019	22	631.518	33.52	\$23.51	\$788	598							\$	788	\$	788	\$	-
7/20/2019	23	589.324	15.32	\$22.55	\$345	574							\$	345	\$	345	\$	-
7/21/2019	0	556.028	18.03	\$21.39	\$386	538							\$	386	\$	386	\$	-
7/21/2019	1	533.012	33.01	\$19.84	\$655	500							\$	655	\$	655	\$	-
7/21/2019	2	515.746	78.75	\$19.37	\$1,525	437							\$	1,525	\$	1,525	\$	-
7/21/2019	3	503.072	123.07	\$18.65	\$2,295	380							\$	2,295	\$	1,753	\$	542
7/21/2019	4	498.162	130.16	\$17.88	\$2,327	368							\$	2,327	\$	1,681	\$	647
7/21/2019	5	492.26	125.26	\$16.84	\$2,109	367							\$	2,109	\$	1,583	\$	526
7/21/2019	6	510.81	143.81	\$19.75	\$2,840	367							\$	2,840	\$	1,857	\$	984
7/21/2019	7	553.161	176.16	\$21.97	\$3,870	377							\$	3,870	\$	2,065	\$	1,805
7/21/2019	8	592.188	171.19	\$23.92	\$4,095	421							\$	4,095	\$	2,248	\$	1,846
7/21/2019	9	629.865	164.87	\$27.48	\$4,531	465							\$	4,531	\$	2,583	\$	1,948
7/21/2019	10	674.612	137.61	\$32.00	\$4,404	537							\$	4,404	\$	3,008	\$	1,396
7/21/2019	11	701.862	112.86	\$34.73	\$3,920	589							\$	3,920	\$	3,265	\$	655
7/21/2019	12	710.588	107.59	\$35.52	\$3,822	603							\$	3,822	\$	3,339	\$	483
7/21/2019	13	723.32	123.32	\$38.31	\$4,724	600							\$	4,724	\$	3,601	\$	1,123
7/21/2019	14	729.103	125.1	\$40.11	\$5,018	604							\$	5,018	\$	3,770	\$	1,247
7/21/2019	15	735.965	135.97	\$43.09	\$5,859	600							\$	5,859	\$	4,050	\$	1,808
7/21/2019	16	713.209	112.21	\$42.36	\$4,753	601							\$	4,753	\$	3,982	\$	771
7/21/2019	17	707.563	106.56	\$36.17	\$3,854	601							\$	3,854	\$	3,400	\$	454
7/21/2019	18	692.174	92.17	\$34.67	\$3,196	600							\$	3,196	\$	3,196	\$	-
7/21/2019	19	670.663	70.66	\$32.63	\$2,306	600							\$	2,306	\$	2,306	\$	-
7/21/2019	20	657.871	55.87	\$29.53	\$1,650	602							\$	1,650	\$	1,650	\$	-
7/21/2019	21	627.873	45.87	\$24.59	\$1,128	582							\$	1,128	\$	1,128	\$	-
7/21/2019	22	584.819	41.82	\$22.44	\$938	543							\$	938	\$	938	\$	-
7/21/2019	23	541.085	79.09	\$22.08	\$1,746	462							\$	1,746	\$	1,746	\$	-
7/22/2019	0	508.018	124.02	\$20.57	\$2,551	384							\$	2,551	\$	1,934	\$	618
7/22/2019	1	489.523	121.52	\$19.63	\$2,385	368							\$	2,385	\$	1,845	\$	540
7/22/2019	2	476.608	108.61	\$19.24	\$2,090	368							\$	2,090	\$	1,809	\$	281
7/22/2019	3	476.523	109.52	\$19.01	\$2,082	367							\$	2,082	\$	1,787	\$	295
7/22/2019	4	491.055	123.06	\$19.48	\$2,397	368							\$	2,397	\$	1,831	\$	566
7/22/2019	5	520.545	163.55	\$20.81	\$3,403	357							\$	3,403	\$	1,956	\$	1,447
7/22/2019	6	546.028	173.03	\$22.20	\$3,841	373							\$	3,841	\$	2,087	\$	1,754
7/22/2019	7	569.485	165.49	\$23.79	\$3,937	404							\$	3,937	\$	2,236	\$	1,701
7/22/2019	8	584.521	148.52	\$25.53	\$3,792	436							\$	3,792	\$	2,400	\$	1,392
7/22/2019	9	598.926	86.93	\$27.73	\$2,411	512							\$	2,411	\$	2,411	\$	-
7/22/2019	10	610.637	17.64	\$28.88	\$509	593							\$	509	\$	509	\$	-
7/22/2019	11	614.509	6.51	\$30.86	\$201	608							\$	201	\$	201	\$	-
7/22/2019	12	613.536	9.54	\$31.96	\$305	604							\$	305	\$	305	\$	-
7/22/2019	13	599.722	0	\$0.00	\$0	603							\$	-	\$	-	\$	-
7/22/2019	14	581.946	0	\$0.00	\$0	599							\$	-	\$	-	\$	-
7/22/2019	15	573.124	0	\$0.00	\$0	598							\$	-	\$	-	\$	-
7/22/2019	16	575.204	0	\$0.00	\$0	587							\$	-	\$	-	\$	-
7/22/2019	17	565.674	21.67	\$29.42	\$638	544							\$	638	\$	638	\$	-
7/22/2019	18	550.115	51.12	\$26.98	\$1,379	499							\$	1,379	\$	1,379	\$	-
7/22/2019	19	541.65	86.65	\$25.68	\$2,225	455							\$	2,225	\$	2,225	\$	-
7/22/2019	20	541.876	145.88	\$24.07	\$3,511	396							\$	3,511	\$	2,263	\$	1,249
7/22/2019	21	513.536	99.54	\$22.38	\$2,228	414							\$	2,228	\$	2,104	\$	124
7/22/2019	22	479.221	27.22	\$19.55	\$532	452							\$	532	\$	532	\$	-
7/22/2019	23	444.66		\$0	\$0	449							\$	-	\$	-	\$	-

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)	
7/23/2019	0	419.021			\$0	449							\$	-	\$	-
7/23/2019	1	401.214			\$0	449							\$	-	\$	-
7/23/2019	2	389.329			\$0	430							\$	-	\$	-
7/23/2019	3	390.273			\$0	404							\$	-	\$	-
7/23/2019	4	404.064	37.06	\$17.54	\$650	367							\$	650	\$	650
7/23/2019	5	426.836	46.84	\$19.17	\$898	380							\$	898	\$	898
7/23/2019	6	454.261	0	\$0.00	\$0	513							\$	-	\$	-
7/23/2019	7	484.866			\$0	604							\$	-	\$	-
7/23/2019	8	509.472			\$0	600							\$	-	\$	-
7/23/2019	9	534.53			\$0	602							\$	-	\$	-
7/23/2019	10	549.137			\$0	604							\$	-	\$	-
7/23/2019	11	565.041			\$0	604							\$	-	\$	-
7/23/2019	12	577.763			\$0	603							\$	-	\$	-
7/23/2019	13	590.52			\$0	604							\$	-	\$	-
7/23/2019	14	602.361	13.36	\$26.24	\$351	589							\$	351	\$	351
7/23/2019	15	612.227	23.23	\$26.98	\$627	589							\$	627	\$	627
7/23/2019	16	613.164	24.16	\$26.95	\$651	589							\$	651	\$	651
7/23/2019	17	606.417	17.42	\$25.91	\$451	589							\$	451	\$	451
7/23/2019	18	595.643	18.64	\$24.53	\$457	577							\$	457	\$	457
7/23/2019	19	575.221	42.22	\$24.32	\$1,027	533							\$	1,027	\$	1,027
7/23/2019	20	568.358	35.36	\$23.02	\$814	533							\$	814	\$	814
7/23/2019	21	531.556	43.56	\$21.24	\$925	488							\$	925	\$	925
7/23/2019	22	486.734	79.73	\$19.41	\$1,548	407							\$	1,548	\$	1,548
7/23/2019	23	444.284	75.28	\$17.77	\$1,338	369							\$	1,338	\$	1,338
7/24/2019	0	414.622	48.62	\$16.05	\$780	366							\$	780	\$	780
7/24/2019	1	387.858	21.86	\$15.19	\$332	366							\$	332	\$	332
7/24/2019	2	384.934	18.93	\$14.50	\$274	366							\$	274	\$	274
7/24/2019	3	384.943	17.94	\$14.71	\$264	367							\$	264	\$	264
7/24/2019	4	398.752	32.75	\$15.80	\$517	366							\$	517	\$	517
7/24/2019	5	423.425	19.43	\$18.12	\$352	404							\$	352	\$	352
7/24/2019	6	444.971	0	\$0.00	\$0	526							\$	-	\$	-
7/24/2019	7	478.29			\$0	602							\$	-	\$	-
7/24/2019	8	507.535			\$0	586							\$	-	\$	-
7/24/2019	9	528.636			\$0	602							\$	-	\$	-
7/24/2019	10	552.179			\$0	605							\$	-	\$	-
7/24/2019	11	571.699			\$0	604							\$	-	\$	-
7/24/2019	12	586.349			\$0	605							\$	-	\$	-
7/24/2019	13	602.255			\$0	604							\$	-	\$	-
7/24/2019	14	612.049	6.05	\$34.64	\$210	606							\$	210	\$	210
7/24/2019	15	623.818	18.82	\$37.55	\$707	605							\$	707	\$	707
7/24/2019	16	630.697	26.7	\$33.91	\$905	604							\$	905	\$	905
7/24/2019	17	628.839	23.84	\$31.91	\$761	605							\$	761	\$	761
7/24/2019	18	614.071	9.07	\$27.17	\$246	605							\$	246	\$	246
7/24/2019	19	587.486			\$0	604							\$	-	\$	-
7/24/2019	20	571.708			\$0	586							\$	-	\$	-
7/24/2019	21	532.892			\$0	595							\$	-	\$	-
7/24/2019	22	488.305	0	\$0.00	\$0	546							\$	-	\$	-
7/24/2019	23	448.939	0	\$0.00	\$0	483							\$	-	\$	-
7/25/2019	0	422.422	16.42	\$16.57	\$272	406							\$	272	\$	272
7/25/2019	1	403.639	35.64	\$14.97	\$534	368							\$	534	\$	534
7/25/2019	2	393.652	28.65	\$14.45	\$414	365							\$	414	\$	414
7/25/2019	3	393.594	25.59	\$14.28	\$365	368							\$	365	\$	365
7/25/2019	4	405.419	37.42	\$15.69	\$587	368							\$	587	\$	587
7/25/2019	5	428.14	61.14	\$18.32	\$1,120	367							\$	1,120	\$	1,120
7/25/2019	6	438.877	72.88	\$19.31	\$1,407	366							\$	1,407	\$	1,407
7/25/2019	7	487.274	121.27	\$20.07	\$2,434	366							\$	2,434	\$	1,887



Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
7/25/2019	8	521.799	155.8	\$21.59	\$3,364	366							\$ 3,364	\$ 2,029	\$ 1,334
7/25/2019	9	549.208	163.21	\$23.85	\$3,893	386							\$ 3,893	\$ 2,242	\$ 1,651
7/25/2019	10	568.655	120.66	\$25.98	\$3,135	448							\$ 3,135	\$ 2,442	\$ 693
7/25/2019	11	591.249	122.25	\$27.09	\$3,312	469							\$ 3,312	\$ 2,546	\$ 765
7/25/2019	12	613.703	74.7	\$29.10	\$2,174	539							\$ 2,174	\$ 2,174	\$ -
7/25/2019	13	630.37	36.37	\$32.53	\$1,183	594							\$ 1,183	\$ 1,183	\$ -
7/25/2019	14	647.063	42.06	\$34.15	\$1,436	605							\$ 1,436	\$ 1,436	\$ -
7/25/2019	15	658.766	54.77	\$36.79	\$2,015	604							\$ 2,015	\$ 2,015	\$ -
7/25/2019	16	664.685	62.69	\$37.91	\$2,377	602							\$ 2,377	\$ 2,377	\$ -
7/25/2019	17	658.795	55.8	\$32.05	\$1,788	603							\$ 1,788	\$ 1,788	\$ -
7/25/2019	18	641.293	36.29	\$29.33	\$1,064	605							\$ 1,064	\$ 1,064	\$ -
7/25/2019	19	610.779	6.78	\$28.32	\$192	604							\$ 192	\$ 192	\$ -
7/25/2019	20	594.937			\$0	602							\$ -	\$ -	\$ -
7/25/2019	21	555.866	0	\$0.00	\$0	581							\$ -	\$ -	\$ -
7/25/2019	22	507.919	0	\$0.00	\$0	510							\$ -	\$ -	\$ -
7/25/2019	23	469.522	59.52	\$19.24	\$1,145	410							\$ 1,145	\$ 1,145	\$ -
7/26/2019	0	439.157	71.16	\$18.51	\$1,317	368							\$ 1,317	\$ 1,317	\$ -
7/26/2019	1	417.384	50.38	\$16.86	\$849	367							\$ 849	\$ 849	\$ -
7/26/2019	2	404.431	37.43	\$15.51	\$581	367							\$ 581	\$ 581	\$ -
7/26/2019	3	405.447	38.45	\$15.20	\$584	367							\$ 584	\$ 584	\$ -
7/26/2019	4	414.293	47.29	\$16.97	\$803	367							\$ 803	\$ 803	\$ -
7/26/2019	5	434.082	68.08	\$18.87	\$1,285	366							\$ 1,285	\$ 1,285	\$ -
7/26/2019	6	456.73	91.73	\$20.35	\$1,867	365							\$ 1,867	\$ 1,867	\$ -
7/26/2019	7	494.167	127.17	\$22.12	\$2,813	367							\$ 2,813	\$ 2,079	\$ 734
7/26/2019	8	528.309	144.31	\$23.70	\$3,420	384							\$ 3,420	\$ 2,228	\$ 1,192
7/26/2019	9	564.601	136.6	\$26.15	\$3,572	428							\$ 3,572	\$ 2,458	\$ 1,114
7/26/2019	10	593.009	93.01	\$29.91	\$2,782	500							\$ 2,782	\$ 2,782	\$ -
7/26/2019	11	615.73	72.73	\$33.58	\$2,442	543							\$ 2,442	\$ 2,442	\$ -
7/26/2019	12	635.313	55.31	\$36.70	\$2,030	580							\$ 2,030	\$ 2,030	\$ -
7/26/2019	13	650.844	46.84	\$42.69	\$2,000	604							\$ 2,000	\$ 2,000	\$ -
7/26/2019	14	664.613	60.61	\$48.09	\$2,915	604							\$ 2,915	\$ 2,915	\$ -
7/26/2019	15	672.356	68.36	\$53.83	\$3,680	604							\$ 3,680	\$ 3,680	\$ -
7/26/2019	16	674.29	72.29	\$52.86	\$3,821	602							\$ 3,821	\$ 3,821	\$ -
7/26/2019	17	665.485	63.49	\$38.70	\$2,457	602							\$ 2,457	\$ 2,457	\$ -
7/26/2019	18	636.299	30.3	\$33.39	\$1,012	606							\$ 1,012	\$ 1,012	\$ -
7/26/2019	19	614	0	\$0.00	\$0	597			37				\$ -	\$ -	\$ -
7/26/2019	20	596.445			\$0	592		46					\$ -	\$ -	\$ -
7/26/2019	21	559.228	43.23	\$24.03	\$1,039	516							\$ 1,039	\$ 1,039	\$ -
7/26/2019	22	518.142	60.14	\$21.79	\$1,310	458							\$ 1,310	\$ 1,310	\$ -
7/26/2019	23	477.907	88.91	\$19.26	\$1,712	389							\$ 1,712	\$ 1,712	\$ -
7/27/2019	0	447.322	80.32	\$18.32	\$1,471	367							\$ 1,471	\$ 1,471	\$ -
7/27/2019	1	422.559	55.56	\$17.09	\$950	367							\$ 950	\$ 950	\$ -
7/27/2019	2	406.77	40.77	\$15.03	\$613	366							\$ 613	\$ 613	\$ -
7/27/2019	3	398.804	32.8	\$14.14	\$464	366							\$ 464	\$ 464	\$ -
7/27/2019	4	399.792	32.79	\$14.41	\$473	367							\$ 473	\$ 473	\$ -
7/27/2019	5	403.721	47.72	\$14.37	\$686	356							\$ 686	\$ 686	\$ -
7/27/2019	6	418.491	52.49	\$16.64	\$873	366							\$ 873	\$ 873	\$ -
7/27/2019	7	457.07	89.07	\$19.55	\$1,741	368							\$ 1,741	\$ 1,741	\$ -
7/27/2019	8	504.549	133.55	\$21.69	\$2,897	371							\$ 2,897	\$ 2,039	\$ 858
7/27/2019	9	551.747	148.75	\$23.76	\$3,534	403							\$ 3,534	\$ 2,233	\$ 1,301
7/27/2019	10	588.992	173.99	\$25.65	\$4,463	415							\$ 4,463	\$ 2,411	\$ 2,052
7/27/2019	11	614.376	198.38	\$27.78	\$5,511	416							\$ 5,511	\$ 2,611	\$ 2,900
7/27/2019	12	636.8	218.8	\$29.36	\$6,424	418							\$ 6,424	\$ 2,760	\$ 3,664
7/27/2019	13	651.382	235.38	\$31.54	\$7,424	416							\$ 7,424	\$ 2,965	\$ 4,459
7/27/2019	14	662.065	244.07	\$37.55	\$9,165	418							\$ 9,165	\$ 3,530	\$ 5,635
7/27/2019	15	674.031	294.03	\$40.31	\$11,852	380							\$ 11,852	\$ 3,789	\$ 8,063

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Demand (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)				
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6			
7/27/2019	16	680.99	311.99	\$39.12	\$12,205	369							\$	12,205	\$	3,677	\$	8,528
7/27/2019	17	674.191	297.19	\$35.11	\$10,434	377							\$	10,434	\$	3,300	\$	7,134
7/27/2019	18	657.634	242.63	\$31.34	\$7,604	415							\$	7,604	\$	2,946	\$	4,658
7/27/2019	19	631.043	144.04	\$27.70	\$3,990	487							\$	3,990	\$	2,604	\$	1,386
7/27/2019	20	611.237	50.24	\$25.20	\$1,266	561							\$	1,266	\$	1,266	\$	-
7/27/2019	21	577.629	0	\$0.00	\$0	583							\$	-	\$	-	\$	-
7/27/2019	22	535.56	0	\$0.00	\$0	555							\$	-	\$	-	\$	-
7/27/2019	23	497.435	0	\$0.00	\$0	503							\$	-	\$	-	\$	-
7/28/2019	0	466.031	39.03	\$18.30	\$714	427							\$	714	\$	714	\$	-
7/28/2019	1	440.353	66.35	\$16.52	\$1,096	374							\$	1,096	\$	1,096	\$	-
7/28/2019	2	422.493	56.49	\$14.89	\$841	366							\$	841	\$	841	\$	-
7/28/2019	3	410.587	44.59	\$14.56	\$649	366							\$	649	\$	649	\$	-
7/28/2019	4	405.676	39.68	\$13.90	\$552	366							\$	552	\$	552	\$	-
7/28/2019	5	403.743	37.74	\$13.23	\$499	366							\$	499	\$	499	\$	-
7/28/2019	6	415.461	0	\$0.00	\$0	419							\$	-	\$	-	\$	-
7/28/2019	7	459	86	\$19.08	\$1,641	373							\$	1,641	\$	1,641	\$	-
7/28/2019	8	509.214	88.21	\$22.14	\$1,953	421							\$	1,953	\$	1,953	\$	-
7/28/2019	9	561.242	82.24	\$24.21	\$1,991	479							\$	1,991	\$	1,991	\$	-
7/28/2019	10	596.495	70.5	\$28.50	\$2,009	526							\$	2,009	\$	2,009	\$	-
7/28/2019	11	623.91	77.91	\$31.50	\$2,454	546							\$	2,454	\$	2,454	\$	-
7/28/2019	12	644.505	98.51	\$30.64	\$3,018	527			5		14		\$	3,018	\$	2,880	\$	138
7/28/2019	13	662.147	27.15	\$34.37	\$933	497		2	69		67		\$	933	\$	933	\$	-
7/28/2019	14	679.752	7.75	\$38.73	\$300	458		70	73		71		\$	300	\$	300	\$	-
7/28/2019	15	698.46	54.46	\$44.68	\$2,433	424		75	73		72		\$	2,433	\$	2,433	\$	-
7/28/2019	16	711.131	0	\$0.00	\$0	426		75	73	37	72	46	\$	-	\$	-	\$	-
7/28/2019	17	709.174	0	\$0.00	\$0	425		74	73	71	73	70	\$	-	\$	-	\$	-
7/28/2019	18	696.607	0	\$0.00	\$0	487		73	73	72	72	72	\$	-	\$	-	\$	-
7/28/2019	19	670.219	0	\$0.00	\$0	567		73	72	73	72	74	\$	-	\$	-	\$	-
7/28/2019	20	650.535	0	\$0.00	\$0	603		74	72	72	73	73	\$	-	\$	-	\$	-
7/28/2019	21	610.29	0	\$0.00	\$0	602		67	67	67	68	68	\$	-	\$	-	\$	-
7/28/2019	22	560.13	0	\$0.00	\$0	591		1	1	1	2	3	\$	-	\$	-	\$	-
7/28/2019	23	516.935	0.94	\$20.37	\$19	516							\$	19	\$	19	\$	-
7/29/2019	0	482.432	67.43	\$19.30	\$1,301	415							\$	1,301	\$	1,301	\$	-
7/29/2019	1	460.732	102.73	\$17.93	\$1,842	358							\$	1,842	\$	1,685	\$	157
7/29/2019	2	447.931	81.93	\$16.24	\$1,331	366							\$	1,331	\$	1,331	\$	-
7/29/2019	3	444.992	79.99	\$15.64	\$1,251	365							\$	1,251	\$	1,251	\$	-
7/29/2019	4	460.749	95.75	\$18.09	\$1,732	365							\$	1,732	\$	1,700	\$	32
7/29/2019	5	489.363	122.36	\$19.47	\$2,382	367							\$	2,382	\$	1,830	\$	552
7/29/2019	6	518.924	147.92	\$20.54	\$3,038	371							\$	3,038	\$	1,931	\$	1,108
7/29/2019	7	564.993	156.99	\$23.17	\$3,637	405					3		\$	3,637	\$	2,178	\$	1,459
7/29/2019	8	610.195	18.2	\$26.96	\$491	394		41	44	45	68		\$	491	\$	491	\$	-
7/29/2019	9	655.197	0	\$0.00	\$0	425	53	75	73	72	73	17	\$	-	\$	-	\$	-
7/29/2019	10	691.161	0	\$0.00	\$0	425	61	74	73	72	70	71	\$	-	\$	-	\$	-
7/29/2019	11	721.804	0	\$0.00	\$0	397	60	75	72	72	73	71	\$	-	\$	-	\$	-
7/29/2019	12	739.228	0	\$0.00	\$0	377	68	74	73	72	72	73	\$	-	\$	-	\$	-
7/29/2019	13	751.798	0	\$0.00	\$0	365	70	72	73	72	72	73	\$	-	\$	-	\$	-
7/29/2019	14	757.515	0	\$0.00	\$0	358	69	73	73	72	73	73	\$	-	\$	-	\$	-
7/29/2019	15	762.148	0	\$0.00	\$0	399	70	73	73	72	72	72	\$	-	\$	-	\$	-
7/29/2019	16	753.387	0	\$0.00	\$0	439	68	72	73	73	71	73	\$	-	\$	-	\$	-
7/29/2019	17	740.458	0	\$0.00	\$0	475	60	73	72	73	73	73	\$	-	\$	-	\$	-
7/29/2019	18	706.254	0	\$0.00	\$0	535	68	73	73	72	72	73	\$	-	\$	-	\$	-
7/29/2019	19	669.038	0	\$0.00	\$0	588	61	73	73	73	73	73	\$	-	\$	-	\$	-
7/29/2019	20	650.537	0	\$0.00	\$0	596	56	73	72	73	73	74	\$	-	\$	-	\$	-
7/29/2019	21	609.183	0	\$0.00	\$0	600	58	62	63	62	62	63	\$	-	\$	-	\$	-
7/29/2019	22	562.281	0	\$0.00	\$0	580	6	6	7	7	7	8	\$	-	\$	-	\$	-
7/29/2019	23	527.993	0	\$0.00	\$0	547							\$	-	\$	-	\$	-

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)				
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6			
7/30/2019	0	498.538	23.54	\$19.80	\$466	475							\$	466	\$	466	\$	-
7/30/2019	1	478.023	71.02	\$18.81	\$1,336	407							\$	1,336	\$	1,336	\$	-
7/30/2019	2	460.319	90.32	\$18.11	\$1,636	370							\$	1,636	\$	1,636	\$	-
7/30/2019	3	461.396	96.4	\$18.02	\$1,737	365							\$	1,737	\$	1,694	\$	43
7/30/2019	4	474.086	116.09	\$18.95	\$2,200	358							\$	2,200	\$	1,781	\$	419
7/30/2019	5	501.487	136.49	\$20.01	\$2,731	365							\$	2,731	\$	1,881	\$	850
7/30/2019	6	524.109	147.11	\$21.56	\$3,172	377							\$	3,172	\$	2,027	\$	1,145
7/30/2019	7	528.815	147.82	\$23.06	\$3,409	381							\$	3,409	\$	2,168	\$	1,241
7/30/2019	8	573.036	130.04	\$25.68	\$3,339	443							\$	3,339	\$	2,414	\$	926
7/30/2019	9	597.454	76.45	\$29.05	\$2,221	521							\$	2,221	\$	2,221	\$	-
7/30/2019	10	627.689		\$0	\$0	589	68	41	59	39	34	34	\$	-	\$	-	\$	-
7/30/2019	11	653.946	0	\$0.00	\$0	600	71	72	70	68	70	70	\$	-	\$	-	\$	-
7/30/2019	12	678.396	0	\$0.00	\$0	604	74	78	76	74	73	74	\$	-	\$	-	\$	-
7/30/2019	13	700.937	0	\$0.00	\$0	604	75	77	75	74	73	75	\$	-	\$	-	\$	-
7/30/2019	14	678.321	0	\$0.00	\$0	604	75	77	75	74	74	75	\$	-	\$	-	\$	-
7/30/2019	15	605.472	0	\$0.00	\$0	604	76	74	76	74	75	76	\$	-	\$	-	\$	-
7/30/2019	16	586.039	0	\$0.00	\$0	608	77	76	75	76	74	77	\$	-	\$	-	\$	-
7/30/2019	17	571.44	0	\$0.00	\$0	605	77	76	76	74	76	77	\$	-	\$	-	\$	-
7/30/2019	18	557.03	0	\$0.00	\$0	602	75	76	76	76	76	77	\$	-	\$	-	\$	-
7/30/2019	19	548.255	0	\$0.00	\$0	605	72	70	71	76	76	77	\$	-	\$	-	\$	-
7/30/2019	20	547.352	0	\$0.00	\$0	602				29	32	32	\$	-	\$	-	\$	-
7/30/2019	21	519.446	0	\$0.00	\$0	602							\$	-	\$	-	\$	-
7/30/2019	22	483.396	0	\$0.00	\$0	579							\$	-	\$	-	\$	-
7/30/2019	23	455.918	0	\$0.00	\$0	537							\$	-	\$	-	\$	-
7/31/2019	0	433.508	0	\$0.00	\$0	489							\$	-	\$	-	\$	-
7/31/2019	1	417.866	0	\$0.00	\$0	432							\$	-	\$	-	\$	-
7/31/2019	2	407.121	46.12	\$17.11	\$789	361							\$	789	\$	789	\$	-
7/31/2019	3	409.084	32.08	\$17.16	\$550	377							\$	550	\$	550	\$	-
7/31/2019	4	424.812	67.81	\$18.76	\$1,272	357							\$	1,272	\$	1,272	\$	-
7/31/2019	5	456.448	87.45	\$19.52	\$1,707	369							\$	1,707	\$	1,707	\$	-
7/31/2019	6	484.098	118.1	\$20.08	\$2,371	366							\$	2,371	\$	1,888	\$	484
7/31/2019	7	516.722	147.72	\$21.34	\$3,152	369							\$	3,152	\$	2,006	\$	1,146
7/31/2019	8	549.049	148.05	\$23.30	\$3,450	401							\$	3,450	\$	2,190	\$	1,259
7/31/2019	9	584.242	141.24	\$26.61	\$3,758	443							\$	3,758	\$	2,501	\$	1,257
7/31/2019	10	612.491	116.49	\$30.78	\$3,586	496							\$	3,586	\$	2,893	\$	692
7/31/2019	11	641.624	61.62	\$30.87	\$1,902	546	34		31	28	25		\$	1,902	\$	1,902	\$	-
7/31/2019	12	670.861	10.86	\$33.70	\$366	595	65		70	71	72		\$	366	\$	366	\$	-
7/31/2019	13	688.55	10.55	\$35.26	\$372	606	72		73	72	73		\$	372	\$	372	\$	-
7/31/2019	14	702.425	27.42	\$37.73	\$1,035	603	72	10	71	72	73	20	\$	1,035	\$	1,035	\$	-
7/31/2019	15	710.216	33.22	\$39.12	\$1,300	604	73	74	72	72	72	71	\$	1,300	\$	1,300	\$	-
7/31/2019	16	719.334		\$0	\$0	602	64	70	68	68	67	69	\$	-	\$	-	\$	-
7/31/2019	17	713.663	45.66	\$32.38	\$1,478	606	62	63	62	60	62	62	\$	1,478	\$	1,478	\$	-
7/31/2019	18	698.175		\$0	\$0	605	48	48	48	57	57	58	\$	-	\$	-	\$	-
7/31/2019	19	667.677	0	\$0.00	\$0	603				23	24	25	\$	-	\$	-	\$	-
7/31/2019	20	649.954	47.95	\$23.59	\$1,131	602							\$	1,131	\$	1,131	\$	-
7/31/2019	21	604.722	14.72	\$21.73	\$320	590							\$	320	\$	320	\$	-
7/31/2019	22	553.79	36.79	\$20.22	\$744	517							\$	744	\$	744	\$	-
7/31/2019	23	510.684	65.68	\$19.34	\$1,270	445							\$	1,270	\$	1,270	\$	-
8/1/2019	0	480.38	99.38	\$18.48	\$1,837	381							\$	1,837	\$	1,737	\$	99
8/1/2019	1	454.748	87.75	\$17.44	\$1,530	367							\$	1,530	\$	1,530	\$	-
8/1/2019	2	437.984	72.98	\$16.51	\$1,205	365							\$	1,205	\$	1,205	\$	-
8/1/2019	3	433.985	65.99	\$16.84	\$1,111	368							\$	1,111	\$	1,111	\$	-
8/1/2019	4	443.807	76.81	\$18.90	\$1,452	367							\$	1,452	\$	1,452	\$	-
8/1/2019	5	467.411	100.41	\$19.90	\$1,998	367							\$	1,998	\$	1,871	\$	128
8/1/2019	6	493.053	125.05	\$21.35	\$2,670	368							\$	2,670	\$	2,007	\$	663
8/1/2019	7	536.421	162.42	\$22.49	\$3,653	374							\$	3,653	\$	2,114	\$	1,539

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)	
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6
8/1/2019	8	578.618	161.62	\$24.16	\$3,905	417							\$ 3,905	\$ 2,271	\$ 1,634
8/1/2019	9	616.878	155.88	\$27.55	\$4,294	461							\$ 4,294	\$ 2,590	\$ 1,705
8/1/2019	10	649.396	134.4	\$31.96	\$4,295	515							\$ 4,295	\$ 3,004	\$ 1,291
8/1/2019	11	675.724	108.72	\$33.73	\$3,667	567							\$ 3,667	\$ 3,171	\$ 497
8/1/2019	12	695.08	91.08	\$36.65	\$3,338	604							\$ 3,338	\$ 3,338	\$ -
8/1/2019	13	709.661	105.66	\$40.92	\$4,324	604							\$ 4,324	\$ 3,846	\$ 477
8/1/2019	14	720.382	134.38	\$42.52	\$5,714	586							\$ 5,714	\$ 3,997	\$ 1,717
8/1/2019	15	729.37	125.37	\$47.71	\$5,981	604							\$ 5,981	\$ 4,485	\$ 1,497
8/1/2019	16	734.428	131.43	\$47.85	\$6,289	603							\$ 6,289	\$ 4,498	\$ 1,791
8/1/2019	17	720.878	116.88	\$37.74	\$4,411	604							\$ 4,411	\$ 3,548	\$ 863
8/1/2019	18	704.436	99.44	\$34.41	\$3,422	605							\$ 3,422	\$ 3,235	\$ 187
8/1/2019	19	675.856	72.86	\$32.58	\$2,374	603							\$ 2,374	\$ 2,374	\$ -
8/1/2019	20	655.921	50.92	\$28.56	\$1,454	605							\$ 1,454	\$ 1,454	\$ -
8/1/2019	21	610.647	23.65	\$24.10	\$570	587							\$ 570	\$ 570	\$ -
8/1/2019	22	563.55	10.55	\$21.55	\$227	553							\$ 227	\$ 227	\$ -
8/1/2019	23	521.313	43.31	\$19.61	\$849	478							\$ 849	\$ 849	\$ -
8/2/2019	0	487.951	97.95	\$18.56	\$1,818	390							\$ 1,818	\$ 1,745	\$ 73
8/2/2019	1	462.466	93.47	\$17.76	\$1,660	369							\$ 1,660	\$ 1,660	\$ -
8/2/2019	2	444.794	77.79	\$16.33	\$1,270	367							\$ 1,270	\$ 1,270	\$ -
8/2/2019	3	441.776	75.78	\$17.35	\$1,315	366							\$ 1,315	\$ 1,315	\$ -
8/2/2019	4	447.66	80.66	\$19.07	\$1,538	367							\$ 1,538	\$ 1,538	\$ -
8/2/2019	5	469.309	102.31	\$20.37	\$2,084	367							\$ 2,084	\$ 1,915	\$ 169
8/2/2019	6	492.008	126.01	\$21.21	\$2,673	366							\$ 2,673	\$ 1,994	\$ 679
8/2/2019	7	528.639	162.64	\$22.04	\$3,585	366							\$ 3,585	\$ 2,072	\$ 1,513
8/2/2019	8	565.005	120.01	\$24.40	\$2,928	445							\$ 2,928	\$ 2,294	\$ 635
8/2/2019	9	601.38	102.38	\$28.48	\$2,916	499							\$ 2,916	\$ 2,677	\$ 239
8/2/2019	10	631.941	103.94	\$32.45	\$3,373	528							\$ 3,373	\$ 3,050	\$ 323
8/2/2019	11	657.383	79.38	\$34.63	\$2,749	578							\$ 2,749	\$ 2,749	\$ -
8/2/2019	12	683.668	80.67	\$36.08	\$2,911	603							\$ 2,911	\$ 2,911	\$ -
8/2/2019	13	699.276	96.28	\$38.73	\$3,729	603							\$ 3,729	\$ 3,641	\$ 88
8/2/2019	14	707.044	102.04	\$44.78	\$4,569	605							\$ 4,569	\$ 4,209	\$ 360
8/2/2019	15	711.918	61.92	\$47.84	\$2,962	604	46	35	48	18	33	12	\$ 2,962	\$ 2,962	\$ -
8/2/2019	16	709.892	35.89	\$41.43	\$1,487	605	69	71	69	68	67	65	\$ 1,487	\$ 1,487	\$ -
8/2/2019	17	696.355	30.35	\$36.16	\$1,097	605	61	61	60	61	60	66	\$ 1,097	\$ 1,097	\$ -
8/2/2019	18	671.153	39.15	\$32.45	\$1,270	602	4	6	5	4	6	5	\$ 1,270	\$ 1,270	\$ -
8/2/2019	19	640.663	37.66	\$30.40	\$1,145	603							\$ 1,145	\$ 1,145	\$ -
8/2/2019	20	621.787	20.79	\$26.97	\$561	601							\$ 561	\$ 561	\$ -
8/2/2019	21	583.488	31.49	\$23.08	\$727	552							\$ 727	\$ 727	\$ -
8/2/2019	22	539.48	104.48	\$20.55	\$2,147	435							\$ 2,147	\$ 1,932	\$ 215
8/2/2019	23	497.115	164.12	\$19.56	\$3,210	333							\$ 3,210	\$ 1,839	\$ 1,372
8/3/2019	0	462.546	143.55	\$19.17	\$2,752	319							\$ 2,752	\$ 1,802	\$ 950
8/3/2019	1	433.987	116.99	\$18.18	\$2,127	317							\$ 2,127	\$ 1,709	\$ 418
8/3/2019	2	416.255	98.26	\$17.76	\$1,745	318							\$ 1,745	\$ 1,669	\$ 76
8/3/2019	3	409.395	93.4	\$17.37	\$1,622	316							\$ 1,622	\$ 1,622	\$ -
8/3/2019	4	407.381	90.38	\$17.82	\$1,611	317							\$ 1,611	\$ 1,611	\$ -
8/3/2019	5	408.348	63.35	\$18.28	\$1,158	345							\$ 1,158	\$ 1,158	\$ -
8/3/2019	6	416.1	52.1	\$18.75	\$977	364							\$ 977	\$ 977	\$ -
8/3/2019	7	455.434	90.43	\$20.01	\$1,810	365							\$ 1,810	\$ 1,810	\$ -
8/3/2019	8	499.787	112.79	\$21.95	\$2,476	387							\$ 2,476	\$ 2,063	\$ 412
8/3/2019	9	540.98	128.98	\$23.98	\$3,093	412							\$ 3,093	\$ 2,254	\$ 839
8/3/2019	10	575.202	170.2	\$26.95	\$4,587	405							\$ 4,587	\$ 2,533	\$ 2,054
8/3/2019	11	605.576	200.58	\$29.43	\$5,903	405							\$ 5,903	\$ 2,766	\$ 3,137
8/3/2019	12	624.226	219.23	\$30.64	\$6,717	405							\$ 6,717	\$ 2,880	\$ 3,837
8/3/2019	13	639.827	235.83	\$32.70	\$7,712	404							\$ 7,712	\$ 3,074	\$ 4,638
8/3/2019	14	653.43	253.43	\$34.80	\$8,819	400							\$ 8,819	\$ 3,271	\$ 5,548
8/3/2019	15	671.06	284.06	\$40.68	\$11,556	387							\$ 11,556	\$ 3,824	\$ 7,732

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)	
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6
8/3/2019	16	675.829	200.83	\$39.34	\$7,901	475							\$ 7,901	\$ 3,698	\$ 4,203
8/3/2019	17	668.985	127.99	\$34.18	\$4,375	541							\$ 4,375	\$ 3,213	\$ 1,162
8/3/2019	18	648.681	89.68	\$31.38	\$2,814	559							\$ 2,814	\$ 2,814	\$ -
8/3/2019	19	611.453	7.45	\$29.61	\$221	604							\$ 221	\$ 221	\$ -
8/3/2019	20	585.71			\$0	603							\$ -	\$ -	\$ -
8/3/2019	21	547.706	87.71	\$23.76	\$2,084	460							\$ 2,084	\$ 2,084	\$ -
8/3/2019	22	502.745	180.75	\$21.29	\$3,848	322							\$ 3,848	\$ 2,001	\$ 1,847
8/3/2019	23	463.551	144.55	\$20.22	\$2,923	319							\$ 2,923	\$ 1,901	\$ 1,022
8/4/2019	0	431.062	114.06	\$18.63	\$2,125	317							\$ 2,125	\$ 1,751	\$ 374
8/4/2019	1	409.411	101.41	\$17.64	\$1,789	308							\$ 1,789	\$ 1,658	\$ 131
8/4/2019	2	392.616	76.62	\$17.10	\$1,310	316							\$ 1,310	\$ 1,310	\$ -
8/4/2019	3	382.718	66.72	\$16.07	\$1,072	316							\$ 1,072	\$ 1,072	\$ -
8/4/2019	4	367.814	50.81	\$15.82	\$804	317							\$ 804	\$ 804	\$ -
8/4/2019	5	379.752	38.75	\$15.45	\$599	341							\$ 599	\$ 599	\$ -
8/4/2019	6	387.577	24.58	\$16.85	\$414	363							\$ 414	\$ 414	\$ -
8/4/2019	7	419.455	57.46	\$19.45	\$1,118	362							\$ 1,118	\$ 1,118	\$ -
8/4/2019	8	460.932	96.93	\$21.31	\$2,066	364							\$ 2,066	\$ 2,003	\$ 62
8/4/2019	9	507.151	120.15	\$23.26	\$2,795	387							\$ 2,795	\$ 2,186	\$ 608
8/4/2019	10	537.447	106.45	\$25.98	\$2,766	431							\$ 2,766	\$ 2,442	\$ 323
8/4/2019	11	567.085	71.09	\$28.59	\$2,032	496							\$ 2,032	\$ 2,032	\$ -
8/4/2019	12	591.565	109.57	\$32.31	\$3,540	479			2		1		\$ 3,540	\$ 3,037	\$ 503
8/4/2019	13	616.897	0	\$0.00	\$0	495	50	54	56	50	55	51	\$ -	\$ -	\$ -
8/4/2019	14	642.199	0	\$0.00	\$0	555	71	74	70	71	71	71	\$ -	\$ -	\$ -
8/4/2019	15	664.767	0	\$0.00	\$0	579	71	77	74	72	72	72	\$ -	\$ -	\$ -
8/4/2019	16	678.406	0	\$0.00	\$0	600	72	78	74	72	71	73	\$ -	\$ -	\$ -
8/4/2019	17	675.374	0	\$0.00	\$0	603	74	77	75	72	72	74	\$ -	\$ -	\$ -
8/4/2019	18	661.547	0	\$0.00	\$0	587	72	77	75	72	73	74	\$ -	\$ -	\$ -
8/4/2019	19	635.053	0	\$0.00	\$0	599	43	44	45	43	46	46	\$ -	\$ -	\$ -
8/4/2019	20	617.428	43.43	\$27.89	\$1,211	574							\$ 1,211	\$ 1,211	\$ -
8/4/2019	21	577.615	79.62	\$23.66	\$1,884	498							\$ 1,884	\$ 1,884	\$ -
8/4/2019	22	533.008	202.01	\$21.92	\$4,428	331							\$ 4,428	\$ 2,060	\$ 2,368
8/4/2019	23	492.975	174.98	\$19.63	\$3,435	318							\$ 3,435	\$ 1,845	\$ 1,590
8/5/2019	0	461.716	143.72	\$18.94	\$2,722	318							\$ 2,722	\$ 1,780	\$ 942
8/5/2019	1	442.13	124.13	\$17.18	\$2,133	318							\$ 2,133	\$ 1,615	\$ 518
8/5/2019	2	429.251	112.25	\$16.44	\$1,845	317							\$ 1,845	\$ 1,545	\$ 300
8/5/2019	3	427.225	109.23	\$16.53	\$1,806	318							\$ 1,806	\$ 1,554	\$ 252
8/5/2019	4	438.054	121.05	\$17.52	\$2,121	317							\$ 2,121	\$ 1,647	\$ 474
8/5/2019	5	465.536	127.54	\$19.71	\$2,514	338							\$ 2,514	\$ 1,853	\$ 661
8/5/2019	6	491.002	124	\$20.39	\$2,528	367							\$ 2,528	\$ 1,917	\$ 612
8/5/2019	7	532.242	156.24	\$22.73	\$3,551	376							\$ 3,551	\$ 2,137	\$ 1,415
8/5/2019	8	575.605	156.61	\$26.45	\$4,142	419							\$ 4,142	\$ 2,486	\$ 1,656
8/5/2019	9	619.658	152.66	\$29.53	\$4,508	467							\$ 4,508	\$ 2,776	\$ 1,732
8/5/2019	10	657.765	141.77	\$34.24	\$4,854	512				1		3	\$ 4,854	\$ 3,219	\$ 1,636
8/5/2019	11	688.017	0	\$0.00	\$0	550	42	57	37	58	50	58	\$ -	\$ -	\$ -
8/5/2019	12	707.857	0	\$0.00	\$0	549	72	76	72	70	69	71	\$ -	\$ -	\$ -
8/5/2019	13	725.938	0	\$0.00	\$0	596	74	75	74	72	72	73	\$ -	\$ -	\$ -
8/5/2019	14	744.703	0	\$0.00	\$0	602	73	76	73	72	72	73	\$ -	\$ -	\$ -
8/5/2019	15	752.325	0	\$0.00	\$0	601	73	75	74	73	73	73	\$ -	\$ -	\$ -
8/5/2019	16	756.089	0	\$0.00	\$0	605	73	76	73	72	71	74	\$ -	\$ -	\$ -
8/5/2019	17	752.075	0	\$0.00	\$0	602	74	76	75	72	72	73	\$ -	\$ -	\$ -
8/5/2019	18	732.768	0	\$0.00	\$0	602	10	13	49	48	66	68	\$ -	\$ -	\$ -
8/5/2019	19	701.685	99.69	\$38.73	\$3,861	602							\$ 3,861	\$ 3,641	\$ 220
8/5/2019	20	678.473	76.47	\$30.69	\$2,347	602							\$ 2,347	\$ 2,347	\$ -
8/5/2019	21	628.509	29.51	\$26.74	\$789	599							\$ 789	\$ 789	\$ -
8/5/2019	22	575.023	0.02	\$22.56	\$0	575							\$ 0	\$ 0	\$ -
8/5/2019	23	535.124	47.12	\$20.42	\$962	488							\$ 962	\$ 962	\$ -

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)				
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6			
8/6/2019	0	524.432	131.43	\$19.47	\$2,559	393							\$	2,559	\$	1,830	\$	729
8/6/2019	1	473.357	109.36	\$17.12	\$1,872	364							\$	1,872	\$	1,609	\$	263
8/6/2019	2	459.745	92.75	\$16.39	\$1,520	367							\$	1,520	\$	1,520	\$	-
8/6/2019	3	457.828	101.83	\$16.62	\$1,692	356							\$	1,692	\$	1,562	\$	130
8/6/2019	4	467.553	104.55	\$18.28	\$1,911	363							\$	1,911	\$	1,718	\$	193
8/6/2019	5	493.169	129.17	\$19.95	\$2,577	364							\$	2,577	\$	1,875	\$	702
8/6/2019	6	517.707	152.71	\$20.78	\$3,173	365							\$	3,173	\$	1,953	\$	1,220
8/6/2019	7	555.837	189.84	\$22.50	\$4,271	366							\$	4,271	\$	2,115	\$	2,156
8/6/2019	8	593.947	214.95	\$26.21	\$5,634	379							\$	5,634	\$	2,464	\$	3,170
8/6/2019	9	638.245	239.25	\$29.16	\$6,977	399							\$	6,977	\$	2,741	\$	4,235
8/6/2019	10	670.57	239.57	\$32.91	\$7,884	431							\$	7,884	\$	3,094	\$	4,791
8/6/2019	11	672.253	214.25	\$38.01	\$8,144	458							\$	8,144	\$	3,573	\$	4,571
8/6/2019	12	702.465	221.47	\$40.54	\$8,978	481							\$	8,978	\$	3,811	\$	5,168
8/6/2019	13	727.353	204.35	\$46.54	\$9,510	495					11	17	\$	9,510	\$	4,375	\$	5,136
8/6/2019	14	725.352	0	\$0.00	\$0	544	27	37	30	39	69	62	\$	-	\$	-	\$	-
8/6/2019	15	703.752	0	\$0.00	\$0	586	71	75	73	69	72	72	\$	-	\$	-	\$	-
8/6/2019	16	663.408	0	\$0.00	\$0	598	74	77	74	72	72	73	\$	-	\$	-	\$	-
8/6/2019	17	671.499	0	\$0.00	\$0	603	75	76	75	75	75	75	\$	-	\$	-	\$	-
8/6/2019	18	658.905	0	\$0.00	\$0	590	69	71	70	68	68	69	\$	-	\$	-	\$	-
8/6/2019	19	640.593	0	\$0.00	\$0	502	38	50	16	15	38	53	\$	-	\$	-	\$	-
8/6/2019	20	631.808	143.81	\$29.56	\$4,251	488							\$	4,251	\$	2,779	\$	1,472
8/6/2019	21	588.515	146.52	\$24.79	\$3,632	442							\$	3,632	\$	2,330	\$	1,302
8/6/2019	22	542.451	158.45	\$22.62	\$3,584	384							\$	3,584	\$	2,126	\$	1,458
8/6/2019	23	494.301	124.3	\$19.77	\$2,457	370							\$	2,457	\$	1,858	\$	599
8/7/2019	0	469.873	104.87	\$18.86	\$1,978	365							\$	1,978	\$	1,773	\$	205
8/7/2019	1	452.156	86.16	\$17.51	\$1,509	366							\$	1,509	\$	1,509	\$	-
8/7/2019	2	437.285	71.29	\$16.45	\$1,173	366							\$	1,173	\$	1,173	\$	-
8/7/2019	3	434.285	68.29	\$16.48	\$1,125	366							\$	1,125	\$	1,125	\$	-
8/7/2019	4	447.051	80.05	\$18.42	\$1,475	367							\$	1,475	\$	1,475	\$	-
8/7/2019	5	481.467	112.47	\$19.40	\$2,182	369							\$	2,182	\$	1,824	\$	358
8/7/2019	6	508.919	141.92	\$20.09	\$2,851	367							\$	2,851	\$	1,888	\$	963
8/7/2019	7	532.504	167.5	\$21.94	\$3,675	365							\$	3,675	\$	2,062	\$	1,613
8/7/2019	8	560.888	172.89	\$24.56	\$4,246	388							\$	4,246	\$	2,309	\$	1,938
8/7/2019	9	595.171	175.17	\$28.10	\$4,922	420							\$	4,922	\$	2,641	\$	2,281
8/7/2019	10	629.419	190.42	\$31.65	\$6,027	439							\$	6,027	\$	2,975	\$	3,052
8/7/2019	11	657.964	191.96	\$32.97	\$6,329	457		2		2		5	\$	6,329	\$	3,099	\$	3,230
8/7/2019	12	683.141	0	\$0.00	\$0	488	59	70	63	67	61	69	\$	-	\$	-	\$	-
8/7/2019	13	703.73	0	\$0.00	\$0	543	73	77	74	72	71	72	\$	-	\$	-	\$	-
8/7/2019	14	714.631	0	\$0.00	\$0	590	74	78	73	73	72	73	\$	-	\$	-	\$	-
8/7/2019	15	720.142	0	\$0.00	\$0	605	74	74	75	72	73	74	\$	-	\$	-	\$	-
8/7/2019	16	724.14	0	\$0.00	\$0	601	69	72	70	69	68	70	\$	-	\$	-	\$	-
8/7/2019	17	713.598	0	\$0.00	\$0	587	57	57	57	55	57	56	\$	-	\$	-	\$	-
8/7/2019	18	696.233	0	\$0.00	\$0	599	59	60	60	60	59	60	\$	-	\$	-	\$	-
8/7/2019	19	662.976	0	\$0.00	\$0	592	57	57	56	56	56	56	\$	-	\$	-	\$	-
8/7/2019	20	640.663	0	\$0.00	\$0	598	33	34	33	34	33	34	\$	-	\$	-	\$	-
8/7/2019	21	594.428	8.43	\$23.76	\$200	586							\$	200	\$	200	\$	-
8/7/2019	22	544.52	27.52	\$21.15	\$582	517							\$	582	\$	582	\$	-
8/7/2019	23	504.213	80.21	\$19.23	\$1,542	424							\$	1,542	\$	1,542	\$	-
8/8/2019	0	475.782	110.78	\$18.27	\$2,024	365							\$	2,024	\$	1,717	\$	307
8/8/2019	1	451.994	85.99	\$15.92	\$1,369	366							\$	1,369	\$	1,369	\$	-
8/8/2019	2	437.331	70.33	\$15.05	\$1,058	367							\$	1,058	\$	1,058	\$	-
8/8/2019	3	437.411	69.41	\$14.96	\$1,038	368							\$	1,038	\$	1,038	\$	-
8/8/2019	4	449.999	85	\$17.19	\$1,461	365							\$	1,461	\$	1,461	\$	-
8/8/2019	5	475.564	108.56	\$19.06	\$2,069	367							\$	2,069	\$	1,792	\$	278
8/8/2019	6	502.012	135.01	\$19.97	\$2,696	367							\$	2,696	\$	1,877	\$	819
8/8/2019	7	543.428	168.43	\$21.10	\$3,554	375							\$	3,554	\$	1,983	\$	1,570

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)			
							East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6		
8/8/2019	8	581.868	174.87	\$22.91	\$4,006	407							\$	4,006	\$	2,154	\$	1,853
8/8/2019	9	627.013	166.01	\$25.09	\$4,165	461							\$	4,165	\$	2,358	\$	1,807
8/8/2019	10	645.271	96.27	\$29.86	\$2,875	549							\$	2,875	\$	2,807	\$	68
8/8/2019	11	679.697	80.7	\$31.10	\$2,510	599							\$	2,510	\$	2,510	\$	-
8/8/2019	12	710.139	108.14	\$36.78	\$3,977	602							\$	3,977	\$	3,457	\$	520
8/8/2019	13	734.441	132.44	\$40.77	\$5,400	602							\$	5,400	\$	3,832	\$	1,567
8/8/2019	14	751.077	2.08	\$40.56	\$84	592	20	24	24	26	30	33	\$	84	\$	84	\$	-
8/8/2019	15	757.851	0	\$0.00	\$0	603	71	74	71	69	70	70	\$	-	\$	-	\$	-
8/8/2019	16	761.872	0	\$0.00	\$0	604	73	74	73	72	70	72	\$	-	\$	-	\$	-
8/8/2019	17	746.415	0	\$0.00	\$0	603	74	76	75	74	73	73	\$	-	\$	-	\$	-
8/8/2019	18	719.132	0	\$0.00	\$0	602	34	35	34	40	42	44	\$	-	\$	-	\$	-
8/8/2019	19	700.377	99.38	\$29.56	\$2,938	601							\$	2,938	\$	2,779	\$	159
8/8/2019	20	685.74	97.74	\$27.34	\$2,672	588							\$	2,672	\$	2,570	\$	102
8/8/2019	21	637.91	137.91	\$23.09	\$3,184	500							\$	3,184	\$	2,170	\$	1,014
8/8/2019	22	581.165	153.17	\$20.70	\$3,171	428							\$	3,171	\$	1,946	\$	1,225
8/8/2019	23	535.774	168.77	\$18.63	\$3,144	367							\$	3,144	\$	1,751	\$	1,393
8/9/2019	0	501.435	133.44	\$17.34	\$2,314	368							\$	2,314	\$	1,630	\$	684
8/9/2019	1	461.887	95.89	\$15.45	\$1,482	366							\$	1,482	\$	1,452	\$	29
8/9/2019	2	461.95	95.95	\$14.59	\$1,400	366							\$	1,400	\$	1,371	\$	28
8/9/2019	3	459.948	93.95	\$14.47	\$1,359	366							\$	1,359	\$	1,359	\$	-
8/9/2019	4	469.713	103.71	\$16.43	\$1,704	366							\$	1,704	\$	1,544	\$	160
8/9/2019	5	493.274	125.27	\$18.79	\$2,354	368							\$	2,354	\$	1,766	\$	588
8/9/2019	6	514.869	148.87	\$19.43	\$2,893	366							\$	2,893	\$	1,826	\$	1,066
8/9/2019	7	547.378	176.38	\$20.67	\$3,646	371							\$	3,646	\$	1,943	\$	1,703
8/9/2019	8	581.779	171.78	\$22.58	\$3,879	410							\$	3,879	\$	2,123	\$	1,756
8/9/2019	9	614.306	130.31	\$24.23	\$3,157	484							\$	3,157	\$	2,278	\$	880
8/9/2019	10	639.481	90.48	\$26.15	\$2,366	549							\$	2,366	\$	2,366	\$	-
8/9/2019	11	666.762	83.76	\$26.63	\$2,231	583							\$	2,231	\$	2,231	\$	-
8/9/2019	12	692.242	89.24	\$27.97	\$2,496	603							\$	2,496	\$	2,496	\$	-
8/9/2019	13	708.847	107.85	\$30.26	\$3,264	601							\$	3,264	\$	2,844	\$	419
8/9/2019	14	715.775	112.78	\$33.64	\$3,794	602						1	\$	3,794	\$	3,162	\$	632
8/9/2019	15	721.849	0	\$0.00	\$0	600	51	55	57	57	61	64	\$	-	\$	-	\$	-
8/9/2019	16	723.792	0	\$0.00	\$0	601	73	76	74	73	71	73	\$	-	\$	-	\$	-
8/9/2019	17	711.158	0	\$0.00	\$0	608	36	77	38	37	69	71	\$	-	\$	-	\$	-
8/9/2019	18	681.618	39.62	\$26.33	\$1,043	602		19			2	19	\$	1,043	\$	1,043	\$	-
8/9/2019	19	642.367	40.37	\$25.12	\$1,014	602							\$	1,014	\$	1,014	\$	-
8/9/2019	20	619.118	22.12	\$23.08	\$511	597							\$	511	\$	511	\$	-
8/9/2019	21	576.841	9.84	\$21.21	\$209	567							\$	209	\$	209	\$	-
8/9/2019	22	530.785	0	\$0.00	\$0	536							\$	-	\$	-	\$	-
8/9/2019	23	486.4	0	\$0.00	\$0	507							\$	-	\$	-	\$	-
8/10/2019	0	453.023	23.02	\$17.18	\$395	430							\$	395	\$	395	\$	-
8/10/2019	1	424.465	38.47	\$16.10	\$619	386							\$	619	\$	619	\$	-
8/10/2019	2	408.718	21.72	\$13.96	\$303	387							\$	303	\$	303	\$	-
8/10/2019	3	398.019	33.02	\$13.30	\$439	365							\$	439	\$	439	\$	-
8/10/2019	4	394.017	50.02	\$13.62	\$681	344							\$	681	\$	681	\$	-
8/10/2019	5	396.053	77.05	\$13.43	\$1,035	319							\$	1,035	\$	1,035	\$	-
8/10/2019	6	404.826	94.83	\$15.08	\$1,430	310							\$	1,430	\$	1,418	\$	13
8/10/2019	7	439.211	124.21	\$17.83	\$2,215	315							\$	2,215	\$	1,676	\$	539
8/10/2019	8	478.697	155.7	\$19.66	\$3,061	323							\$	3,061	\$	1,848	\$	1,213
8/10/2019	9	514.265	190.27	\$21.17	\$4,028	324							\$	4,028	\$	1,990	\$	2,038
8/10/2019	10	535.945	200.95	\$22.39	\$4,499	335							\$	4,499	\$	2,105	\$	2,395
8/10/2019	11	559.552	211.55	\$23.91	\$5,058	348							\$	5,058	\$	2,248	\$	2,811
8/10/2019	12	575.344	226.34	\$24.65	\$5,579	349							\$	5,579	\$	2,317	\$	3,262
8/10/2019	13	591.031	259.03	\$26.30	\$6,812	332							\$	6,812	\$	2,472	\$	4,340
8/10/2019	14	606.693	245.69	\$26.89	\$6,607	361							\$	6,607	\$	2,528	\$	4,079
8/10/2019	15	624.424	298.42	\$28.87	\$8,615	326							\$	8,615	\$	2,714	\$	5,902

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)	
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6
8/10/2019	16	638.15	385.15	\$35.17	\$13,546	253							\$ 13,546	\$ 3,306	\$ 10,240
8/10/2019	17	632.247	359.25	\$27.76	\$9,973	273							\$ 9,973	\$ 2,609	\$ 7,363
8/10/2019	18	611.692	353.69	\$25.20	\$8,913	258							\$ 8,913	\$ 2,369	\$ 6,544
8/10/2019	19	577.411	326.41	\$24.12	\$7,873	251							\$ 7,873	\$ 2,267	\$ 5,606
8/10/2019	20	554.856	299.86	\$22.38	\$6,711	255							\$ 6,711	\$ 2,104	\$ 4,607
8/10/2019	21	518.384	262.38	\$20.43	\$5,360	256							\$ 5,360	\$ 1,920	\$ 3,440
8/10/2019	22	477.032	223.03	\$18.36	\$4,095	254							\$ 4,095	\$ 1,726	\$ 2,369
8/10/2019	23	438.661	185.66	\$15.09	\$2,802	253							\$ 2,802	\$ 1,418	\$ 1,383
8/11/2019	0	411.184	157.18	\$15.00	\$2,358	254							\$ 2,358	\$ 1,410	\$ 948
8/11/2019	1	390.416	137.42	\$13.69	\$1,881	253							\$ 1,881	\$ 1,287	\$ 594
8/11/2019	2	374.592	121.59	\$12.80	\$1,556	253							\$ 1,556	\$ 1,203	\$ 353
8/11/2019	3	367.609	123.61	\$11.77	\$1,455	244							\$ 1,455	\$ 1,106	\$ 349
8/11/2019	4	366.62	113.62	\$11.36	\$1,291	253							\$ 1,291	\$ 1,068	\$ 223
8/11/2019	5	369.61	115.61	\$10.94	\$1,265	254							\$ 1,265	\$ 1,028	\$ 236
8/11/2019	6	376.377	124.38	\$12.35	\$1,536	252							\$ 1,536	\$ 1,161	\$ 375
8/11/2019	7	411.984	158.98	\$14.81	\$2,354	253							\$ 2,354	\$ 1,392	\$ 962
8/11/2019	8	453.423	200.42	\$18.15	\$3,638	253							\$ 3,638	\$ 1,706	\$ 1,932
8/11/2019	9	493.843	239.84	\$19.68	\$4,720	254							\$ 4,720	\$ 1,850	\$ 2,870
8/11/2019	10	528.258	273.26	\$20.90	\$5,711	255							\$ 5,711	\$ 1,965	\$ 3,747
8/11/2019	11	556.69	301.69	\$22.56	\$6,806	255							\$ 6,806	\$ 2,121	\$ 4,685
8/11/2019	12	581.286	327.29	\$23.94	\$7,835	254							\$ 7,835	\$ 2,250	\$ 5,585
8/11/2019	13	602.827	346.83	\$26.30	\$9,122	256							\$ 9,122	\$ 2,472	\$ 6,649
8/11/2019	14	617.39	360.39	\$29.33	\$10,570	257							\$ 10,570	\$ 2,757	\$ 7,813
8/11/2019	15	642.808	384.81	\$31.98	\$12,306	258							\$ 12,306	\$ 3,006	\$ 9,300
8/11/2019	16	656.616	399.62	\$35.75	\$14,286	257							\$ 14,286	\$ 3,361	\$ 10,926
8/11/2019	17	648.787	393.79	\$30.27	\$11,920	255							\$ 11,920	\$ 2,845	\$ 9,075
8/11/2019	18	626.334	370.33	\$26.40	\$9,777	256							\$ 9,777	\$ 2,482	\$ 7,295
8/11/2019	19	607.704	350.7	\$25.28	\$8,866	257							\$ 8,866	\$ 2,376	\$ 6,489
8/11/2019	20	592.079	335.08	\$23.27	\$7,797	257							\$ 7,797	\$ 2,187	\$ 5,610
8/11/2019	21	551.826	302.83	\$21.44	\$6,493	249							\$ 6,493	\$ 2,015	\$ 4,477
8/11/2019	22	506.54	250.54	\$19.46	\$4,876	256							\$ 4,876	\$ 1,829	\$ 3,046
8/11/2019	23	467.137	212.14	\$17.52	\$3,717	255							\$ 3,717	\$ 1,647	\$ 2,070
8/12/2019	0	439.531	183.53	\$15.64	\$2,870	256							\$ 2,870	\$ 1,470	\$ 1,400
8/12/2019	1	421.801	166.8	\$15.14	\$2,525	255							\$ 2,525	\$ 1,423	\$ 1,102
8/12/2019	2	411.87	157.87	\$14.08	\$2,223	254							\$ 2,223	\$ 1,324	\$ 899
8/12/2019	3	416.813	159.81	\$14.18	\$2,266	257							\$ 2,266	\$ 1,333	\$ 933
8/12/2019	4	435.588	180.59	\$15.34	\$2,770	255							\$ 2,770	\$ 1,442	\$ 1,328
8/12/2019	5	466.103	168.1	\$17.80	\$2,992	298							\$ 2,992	\$ 1,673	\$ 1,319
8/12/2019	6	489.713	122.71	\$19.07	\$2,340	367							\$ 2,340	\$ 1,793	\$ 547
8/12/2019	7	528.077	164.08	\$20.77	\$3,408	364							\$ 3,408	\$ 1,952	\$ 1,456
8/12/2019	8	548.714	165.71	\$22.93	\$3,800	383							\$ 3,800	\$ 2,155	\$ 1,644
8/12/2019	9	576.94	95.94	\$26.47	\$2,540	481							\$ 2,540	\$ 2,488	\$ 51
8/12/2019	10	603.358	72.36	\$29.69	\$2,148	531							\$ 2,148	\$ 2,148	\$ -
8/12/2019	11	632.761	105.76	\$34.19	\$3,616	527							\$ 3,616	\$ 3,214	\$ 402
8/12/2019	12	649.267	0	\$0.00	\$0	566	8	25	16	2	31	2	\$ -	\$ -	\$ -
8/12/2019	13	665.685	0	\$0.00	\$0	597	71	74	71	66	71	66	\$ -	\$ -	\$ -
8/12/2019	14	677.567	0	\$0.00	\$0	599	74	77	74	72	72	72	\$ -	\$ -	\$ -
8/12/2019	15	672.57	0	\$0.00	\$0	604	73	77	74	70	73	74	\$ -	\$ -	\$ -
8/12/2019	16	664.635	0	\$0.00	\$0	602	74	76	74	73	73	74	\$ -	\$ -	\$ -
8/12/2019	17	662.904	0	\$0.00	\$0	601	75	76	75	72	72	73	\$ -	\$ -	\$ -
8/12/2019	18	667.059	0	\$0.00	\$0	602	73	75	74	72	72	73	\$ -	\$ -	\$ -
8/12/2019	19	647.461	0	\$0.00	\$0	600	73	61	72	73	73	75	\$ -	\$ -	\$ -
8/12/2019	20	641.828	0	\$0.00	\$0	602	1		2	34	36	36	\$ -	\$ -	\$ -
8/12/2019	21	603.496	2.5	\$24.26	\$61	601							\$ 61	\$ 61	\$ -
8/12/2019	22	560.167	24.17	\$22.05	\$533	536							\$ 533	\$ 533	\$ -
8/12/2019	23	527.695	88.7	\$21.68	\$1,923	439							\$ 1,923	\$ 1,923	\$ -



Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)	
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6
8/13/2019	0	497.24	105.24	\$19.89	\$2,093	392							\$ 2,093	\$ 1,870	\$ 224
8/13/2019	1	483.557	115.56	\$19.18	\$2,216	368							\$ 2,216	\$ 1,803	\$ 414
8/13/2019	2	474.661	116.66	\$18.78	\$2,191	358							\$ 2,191	\$ 1,765	\$ 426
8/13/2019	3	476.643	111.64	\$18.80	\$2,099	365							\$ 2,099	\$ 1,767	\$ 332
8/13/2019	4	496.303	119.3	\$20.02	\$2,388	377							\$ 2,388	\$ 1,882	\$ 507
8/13/2019	5	525.794	122.79	\$21.43	\$2,631	403							\$ 2,631	\$ 2,014	\$ 617
8/13/2019	6	546.465	144.47	\$22.06	\$3,187	402							\$ 3,187	\$ 2,074	\$ 1,113
8/13/2019	7	575.848	162.85	\$23.01	\$3,747	413							\$ 3,747	\$ 2,163	\$ 1,584
8/13/2019	8	596.45	95.45	\$25.51	\$2,435	501							\$ 2,435	\$ 2,398	\$ 37
8/13/2019	9	608.237	60.24	\$29.13	\$1,755	548							\$ 1,755	\$ 1,755	\$ -
8/13/2019	10	620.947	27.95	\$38.11	\$1,065	593							\$ 1,065	\$ 1,065	\$ -
8/13/2019	11	641.638	39.64	\$41.23	\$1,634	602							\$ 1,634	\$ 1,634	\$ -
8/13/2019	12	672.376	69.38	\$44.12	\$3,061	603							\$ 3,061	\$ 3,061	\$ -
8/13/2019	13	710.799	109.8	\$48.94	\$5,374	601							\$ 5,374	\$ 4,600	\$ 773
8/13/2019	14	736.195	133.2	\$51.91	\$6,914	603							\$ 6,914	\$ 4,880	\$ 2,035
8/13/2019	15	746.007	141.01	\$55.31	\$7,799	605							\$ 7,799	\$ 5,199	\$ 2,600
8/13/2019	16	750.83	164.83	\$52.70	\$8,687	586							\$ 8,687	\$ 4,954	\$ 3,733
8/13/2019	17	746.971	143.97	\$46.14	\$6,643	603							\$ 6,643	\$ 4,337	\$ 2,306
8/13/2019	18	736.307	134.31	\$40.31	\$5,414	602							\$ 5,414	\$ 3,789	\$ 1,625
8/13/2019	19	713.56	109.56	\$38.32	\$4,198	604							\$ 4,198	\$ 3,602	\$ 596
8/13/2019	20	691.89	90.89	\$28.12	\$2,556	601							\$ 2,556	\$ 2,556	\$ -
8/13/2019	21	645.553	41.55	\$24.12	\$1,002	604							\$ 1,002	\$ 1,002	\$ -
8/13/2019	22	591.481	9.48	\$21.57	\$204	582							\$ 204	\$ 204	\$ -
8/13/2019	23	550.271	54.27	\$20.02	\$1,086	496							\$ 1,086	\$ 1,086	\$ -
8/14/2019	0	518.824	109.82	\$18.72	\$2,056	409							\$ 2,056	\$ 1,760	\$ 296
8/14/2019	1	479.304	112.3	\$17.54	\$1,970	367							\$ 1,970	\$ 1,649	\$ 321
8/14/2019	2	480.356	114.36	\$16.95	\$1,938	366							\$ 1,938	\$ 1,593	\$ 345
8/14/2019	3	475.405	110.41	\$17.23	\$1,902	365							\$ 1,902	\$ 1,620	\$ 283
8/14/2019	4	487.005	120.01	\$18.63	\$2,236	367							\$ 2,236	\$ 1,751	\$ 485
8/14/2019	5	521.527	148.53	\$20.51	\$3,046	373							\$ 3,046	\$ 1,928	\$ 1,118
8/14/2019	6	538.321	172.32	\$20.67	\$3,562	366							\$ 3,562	\$ 1,943	\$ 1,619
8/14/2019	7	558.082	127.46	\$21.29	\$2,714	389	41.62						\$ 2,714	\$ 2,001	\$ 712
8/14/2019	8	583.701	123.88	\$23.51	\$2,912	442	17.82						\$ 2,912	\$ 2,210	\$ 702
8/14/2019	9	610.114	89.11	\$25.79	\$2,298	521							\$ 2,298	\$ 2,298	\$ -
8/14/2019	10	647.249	92.25	\$29.01	\$2,676	555							\$ 2,676	\$ 2,676	\$ -
8/14/2019	11	681.391	124.39	\$30.88	\$3,841	557							\$ 3,841	\$ 2,903	\$ 938
8/14/2019	12	710.874	86.87	\$35.35	\$3,071	579			1	7	16	21	\$ 3,071	\$ 3,071	\$ -
8/14/2019	13	728.46	0	\$0.00	\$0	597			59.42	65	66	67	\$ -	\$ -	\$ -
8/14/2019	14	746.059	0	\$0.00	\$0	603			22.45	22	22	21	\$ -	\$ -	\$ -
8/14/2019	15	756.612	30.61	\$39.65	\$1,214	603							\$ 1,214	\$ 1,214	\$ -
8/14/2019	16	763.475	29.48	\$44.93	\$1,325	595							\$ 1,325	\$ 1,325	\$ -
8/14/2019	17	751.82	16.82	\$34.19	\$575	596							\$ 575	\$ 575	\$ -
8/14/2019	18	736.394	15.39	\$32.79	\$505	606							\$ 505	\$ 505	\$ -
8/14/2019	19	711.646	105.65	\$30.10	\$3,180	603					2	1	\$ 3,180	\$ 2,829	\$ 351
8/14/2019	20	690.166	85.17	\$25.00	\$2,129	605							\$ 2,129	\$ 2,129	\$ -
8/14/2019	21	637.463	61.46	\$22.43	\$1,379	576							\$ 1,379	\$ 1,379	\$ -
8/14/2019	22	582.699	78.7	\$20.48	\$1,612	504							\$ 1,612	\$ 1,612	\$ -
8/14/2019	23	539.703	124.7	\$19.90	\$2,482	415							\$ 2,482	\$ 1,871	\$ 611
8/15/2019	0	507.3	140.3	\$18.80	\$2,638	367							\$ 2,638	\$ 1,767	\$ 870
8/15/2019	1	480.712	113.71	\$17.66	\$2,008	367							\$ 2,008	\$ 1,660	\$ 348
8/15/2019	2	460.909	94.91	\$16.32	\$1,549	366							\$ 1,549	\$ 1,534	\$ 15
8/15/2019	3	455.893	89.89	\$16.74	\$1,505	366							\$ 1,505	\$ 1,505	\$ -
8/15/2019	4	465.564	109.56	\$18.45	\$2,021	356							\$ 2,021	\$ 1,734	\$ 287
8/15/2019	5	497.863	124.86	\$19.67	\$2,456	373							\$ 2,456	\$ 1,849	\$ 607
8/15/2019	6	515.506	148.51	\$20.05	\$2,978	367							\$ 2,978	\$ 1,885	\$ 1,093
8/15/2019	7	550.027	185.03	\$21.05	\$3,895	365							\$ 3,895	\$ 1,979	\$ 1,916

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)	
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6
8/15/2019	8	581.485	202.49	\$22.67	\$4,590	379							\$ 4,590	\$ 2,131	\$ 2,459
8/15/2019	9	614.792	161.79	\$24.77	\$4,008	453							\$ 4,008	\$ 2,328	\$ 1,679
8/15/2019	10	642.893	114.89	\$26.39	\$3,032	528							\$ 3,032	\$ 2,481	\$ 551
8/15/2019	11	663.32	82.32	\$29.62	\$2,438	581							\$ 2,438	\$ 2,438	\$ -
8/15/2019	12	679.792	81.79	\$31.96	\$2,614	598							\$ 2,614	\$ 2,614	\$ -
8/15/2019	13	697.528	99.53	\$34.50	\$3,434	598							\$ 3,434	\$ 3,243	\$ 191
8/15/2019	14	711.406	108.41	\$37.04	\$4,016	603							\$ 4,016	\$ 3,482	\$ 534
8/15/2019	15	711.261	109.26	\$41.17	\$4,498	602							\$ 4,498	\$ 3,870	\$ 628
8/15/2019	16	709.352	108.35	\$39.35	\$4,264	601							\$ 4,264	\$ 3,699	\$ 565
8/15/2019	17	702.44	96.44	\$32.22	\$3,107	606							\$ 3,107	\$ 3,029	\$ 79
8/15/2019	18	687.892	84.89	\$30.47	\$2,587	603							\$ 2,587	\$ 2,587	\$ -
8/15/2019	19	661.265	76.27	\$28.10	\$2,143	585							\$ 2,143	\$ 2,143	\$ -
8/15/2019	20	638.9	33.9	\$24.99	\$847	605							\$ 847	\$ 847	\$ -
8/15/2019	21	589.773	16.77	\$22.47	\$377	573							\$ 377	\$ 377	\$ -
8/15/2019	22	538.909	47.91	\$20.38	\$976	491							\$ 976	\$ 976	\$ -
8/15/2019	23	499.661	89.66	\$19.20	\$1,721	410							\$ 1,721	\$ 1,721	\$ -
8/16/2019	0	467.333	100.33	\$18.22	\$1,828	367							\$ 1,828	\$ 1,713	\$ 115
8/16/2019	1	444.835	77.84	\$16.22	\$1,263	367							\$ 1,263	\$ 1,263	\$ -
8/16/2019	2	428.963	63.96	\$15.59	\$997	365							\$ 997	\$ 997	\$ -
8/16/2019	3	427.937	62.94	\$15.49	\$975	365							\$ 975	\$ 975	\$ -
8/16/2019	4	439.675	74.68	\$18.15	\$1,355	365							\$ 1,355	\$ 1,355	\$ -
8/16/2019	5	472.105	88.11	\$19.22	\$1,693	384							\$ 1,693	\$ 1,693	\$ -
8/16/2019	6	496.644	130.64	\$19.81	\$2,588	366							\$ 2,588	\$ 1,862	\$ 726
8/16/2019	7	528.093	155.09	\$21.15	\$3,280	373							\$ 3,280	\$ 1,988	\$ 1,292
8/16/2019	8	566.511	186.51	\$22.81	\$4,254	380							\$ 4,254	\$ 2,144	\$ 2,110
8/16/2019	9	607.579	155.58	\$25.07	\$3,900	452							\$ 3,900	\$ 2,357	\$ 1,544
8/16/2019	10	635.697	106.7	\$26.24	\$2,800	529							\$ 2,800	\$ 2,467	\$ 333
8/16/2019	11	659.048	99.05	\$27.75	\$2,749	560							\$ 2,749	\$ 2,609	\$ 140
8/16/2019	12	679.446	77.45	\$30.66	\$2,375	602							\$ 2,375	\$ 2,375	\$ -
8/16/2019	13	699.961	97.96	\$32.34	\$3,168	602							\$ 3,168	\$ 3,040	\$ 128
8/16/2019	14	715.414	113.41	\$36.00	\$4,083	602							\$ 4,083	\$ 3,384	\$ 699
8/16/2019	15	721.351	117.35	\$41.21	\$4,836	604							\$ 4,836	\$ 3,874	\$ 962
8/16/2019	16	719.492	19.49	\$37.42	\$729	603							\$ 729	\$ 729	\$ -
8/16/2019	17	709.772	0	\$0.00	\$0	604	55	58	55				\$ -	\$ -	\$ -
8/16/2019	18	692.969	90.97	\$28.80	\$2,620	602							\$ 2,620	\$ 2,620	\$ -
8/16/2019	19	665.607	64.61	\$27.44	\$1,773	601							\$ 1,773	\$ 1,773	\$ -
8/16/2019	20	643.126	44.13	\$24.97	\$1,102	599							\$ 1,102	\$ 1,102	\$ -
8/16/2019	21	604.139	19.14	\$22.13	\$424	585							\$ 424	\$ 424	\$ -
8/16/2019	22	560.343	49.34	\$20.68	\$1,020	511							\$ 1,020	\$ 1,020	\$ -
8/16/2019	23	519.16	112.16	\$18.57	\$2,083	407							\$ 2,083	\$ 1,746	\$ 337
8/17/2019	0	486.793	117.79	\$17.32	\$2,040	369							\$ 2,040	\$ 1,628	\$ 412
8/17/2019	1	459.168	102.17	\$16.48	\$1,684	357							\$ 1,684	\$ 1,549	\$ 135
8/17/2019	2	443.37	80.37	\$15.13	\$1,216	363							\$ 1,216	\$ 1,216	\$ -
8/17/2019	3	436.569	69.57	\$14.52	\$1,010	367							\$ 1,010	\$ 1,010	\$ -
8/17/2019	4	436.537	71.54	\$14.93	\$1,068	365							\$ 1,068	\$ 1,068	\$ -
8/17/2019	5	443.43	76.43	\$14.88	\$1,137	367							\$ 1,137	\$ 1,137	\$ -
8/17/2019	6	452.317	85.32	\$17.11	\$1,460	367							\$ 1,460	\$ 1,460	\$ -
8/17/2019	7	488.742	122.74	\$18.61	\$2,284	366							\$ 2,284	\$ 1,749	\$ 535
8/17/2019	8	526.803	160.8	\$20.34	\$3,271	366							\$ 3,271	\$ 1,912	\$ 1,359
8/17/2019	9	564.859	187.86	\$22.96	\$4,313	377							\$ 4,313	\$ 2,158	\$ 2,155
8/17/2019	10	611.924	190.92	\$25.31	\$4,832	421							\$ 4,832	\$ 2,379	\$ 2,453
8/17/2019	11	649.967	195.97	\$28.42	\$5,569	454							\$ 5,569	\$ 2,671	\$ 2,898
8/17/2019	12	678.99	178.99	\$30.92	\$5,534	500							\$ 5,534	\$ 2,906	\$ 2,628
8/17/2019	13	691.71	146.71	\$31.85	\$4,673	545							\$ 4,673	\$ 2,994	\$ 1,679
8/17/2019	14	670.651	83.65	\$35.05	\$2,932	587							\$ 2,932	\$ 2,932	\$ -
8/17/2019	15	677.418	76.42	\$40.85	\$3,122	601							\$ 3,122	\$ 3,122	\$ -

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)	
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6
8/17/2019	16	686.374	82.37	\$41.09	\$3,385	604							\$ 3,385	\$ 3,385	\$ -
8/17/2019	17	688.521	86.52	\$33.72	\$2,917	602							\$ 2,917	\$ 2,917	\$ -
8/17/2019	18	673.071	73.07	\$28.96	\$2,116	600							\$ 2,116	\$ 2,116	\$ -
8/17/2019	19	652.642	52.64	\$27.74	\$1,460	600							\$ 1,460	\$ 1,460	\$ -
8/17/2019	20	635.051	57.05	\$24.89	\$1,420	578							\$ 1,420	\$ 1,420	\$ -
8/17/2019	21	602.023	82.02	\$21.72	\$1,781	520							\$ 1,781	\$ 1,781	\$ -
8/17/2019	22	564.185	124.19	\$19.90	\$2,471	440							\$ 2,471	\$ 1,871	\$ 601
8/17/2019	23	527.026	139.03	\$18.18	\$2,528	388							\$ 2,528	\$ 1,709	\$ 819
8/18/2019	0	495.524	128.52	\$16.58	\$2,131	367							\$ 2,131	\$ 1,559	\$ 572
8/18/2019	1	472.852	105.85	\$14.56	\$1,541	367							\$ 1,541	\$ 1,369	\$ 173
8/18/2019	2	458.161	91.16	\$14.23	\$1,297	367							\$ 1,297	\$ 1,297	\$ -
8/18/2019	3	452.276	87.28	\$13.75	\$1,200	365							\$ 1,200	\$ 1,200	\$ -
8/18/2019	4	447.3	80.3	\$13.56	\$1,089	367							\$ 1,089	\$ 1,089	\$ -
8/18/2019	5	446.348	81.35	\$13.44	\$1,093	365							\$ 1,093	\$ 1,093	\$ -
8/18/2019	6	451.136	82.14	\$13.97	\$1,147	369							\$ 1,147	\$ 1,147	\$ -
8/18/2019	7	490.557	126.56	\$16.44	\$2,081	364							\$ 2,081	\$ 1,545	\$ 535
8/18/2019	8	540.617	173.62	\$19.74	\$3,427	367							\$ 3,427	\$ 1,856	\$ 1,572
8/18/2019	9	599.105	201.11	\$22.08	\$4,441	398							\$ 4,441	\$ 2,076	\$ 2,365
8/18/2019	10	641.225	217.23	\$23.48	\$5,101	424							\$ 5,101	\$ 2,207	\$ 2,893
8/18/2019	11	673.271	198.27	\$26.04	\$5,163	475							\$ 5,163	\$ 2,448	\$ 2,715
8/18/2019	12	694.618	170.62	\$28.98	\$4,945	524							\$ 4,945	\$ 2,724	\$ 2,220
8/18/2019	13	708.08	134.08	\$30.10	\$4,036	574							\$ 4,036	\$ 2,829	\$ 1,206
8/18/2019	14	722.63	135.63	\$31.66	\$4,294	587							\$ 4,294	\$ 2,976	\$ 1,318
8/18/2019	15	744.584	142.58	\$42.08	\$6,000	578			1	4		19	\$ 6,000	\$ 3,956	\$ 2,044
8/18/2019	16	757.583	0	\$0.00	\$0	570	58	66	64	66	48	68	\$ -	\$ -	\$ -
8/18/2019	17	751.547	0	\$0.00	\$0	594	69	74	70	69	68	70	\$ -	\$ -	\$ -
8/18/2019	18	725.09	0	\$0.00	\$0	597	40	75	42	69	70	67	\$ -	\$ -	\$ -
8/18/2019	19	688.742	0	\$0.00	\$0	599		68	65	31	22		\$ -	\$ -	\$ -
8/18/2019	20	687.023	84.02	\$24.81	\$2,085	602		1					\$ 2,085	\$ 2,085	\$ -
8/18/2019	21	650.214	73.21	\$22.02	\$1,612	577							\$ 1,612	\$ 1,612	\$ -
8/18/2019	22	596.581	114.58	\$20.55	\$2,355	482							\$ 2,355	\$ 1,932	\$ 423
8/18/2019	23	550.676	158.68	\$20.60	\$3,269	392							\$ 3,269	\$ 1,936	\$ 1,332
8/19/2019	0	516.514	150.51	\$19.19	\$2,888	366							\$ 2,888	\$ 1,804	\$ 1,084
8/19/2019	1	495.861	128.86	\$17.84	\$2,299	367							\$ 2,299	\$ 1,677	\$ 622
8/19/2019	2	481.158	115.16	\$16.46	\$1,896	366							\$ 1,896	\$ 1,547	\$ 348
8/19/2019	3	480.211	112.21	\$16.96	\$1,903	368							\$ 1,903	\$ 1,594	\$ 309
8/19/2019	4	495.815	137.82	\$18.51	\$2,551	358							\$ 2,551	\$ 1,740	\$ 811
8/19/2019	5	530.139	162.14	\$20.28	\$3,288	368							\$ 3,288	\$ 1,906	\$ 1,382
8/19/2019	6	551.935	185.94	\$20.50	\$3,812	366							\$ 3,812	\$ 1,927	\$ 1,885
8/19/2019	7	583.105	205.11	\$22.31	\$4,576	378							\$ 4,576	\$ 2,097	\$ 2,479
8/19/2019	8	623.384	216.38	\$25.24	\$5,461	407							\$ 5,461	\$ 2,373	\$ 3,089
8/19/2019	9	669.48	197.48	\$32.44	\$6,406	472							\$ 6,406	\$ 3,049	\$ 3,357
8/19/2019	10	708.432	166.43	\$35.18	\$5,855	542							\$ 5,855	\$ 3,307	\$ 2,548
8/19/2019	11	741.57	143.57	\$39.08	\$5,611	598							\$ 5,611	\$ 3,674	\$ 1,937
8/19/2019	12	775.732	171.73	\$41.59	\$7,142	604							\$ 7,142	\$ 3,909	\$ 3,233
8/19/2019	13	797.28	197.28	\$46.06	\$9,087	600							\$ 9,087	\$ 4,330	\$ 4,757
8/19/2019	14	812.782	212.78	\$52.38	\$11,145	600							\$ 11,145	\$ 4,924	\$ 6,222
8/19/2019	15	814.93	211.93	\$60.77	\$12,879	603							\$ 12,879	\$ 5,712	\$ 7,167
8/19/2019	16	817.891	214.89	\$55.87	\$12,006	602						1	\$ 12,006	\$ 5,252	\$ 6,754
8/19/2019	17	817.11	51.11	\$46.72	\$2,388	604	63				60		\$ 2,388	\$ 2,388	\$ -
8/19/2019	18	799.609	129.61	\$36.95	\$4,789	602	56		39		7		\$ 4,789	\$ 3,473	\$ 1,316
8/19/2019	19	779.039	176.04	\$35.86	\$6,313	603		5					\$ 6,313	\$ 3,371	\$ 2,942
8/19/2019	20	756.515	169.52	\$30.32	\$5,140	587							\$ 5,140	\$ 2,850	\$ 2,290
8/19/2019	21	703.647	102.65	\$24.55	\$2,520	601							\$ 2,520	\$ 2,308	\$ 212
8/19/2019	22	647.73	49.73	\$23.02	\$1,145	598							\$ 1,145	\$ 1,145	\$ -
8/19/2019	23	608.604	78.6	\$20.44	\$1,607	530							\$ 1,607	\$ 1,607	\$ -

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)	
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6
8/20/2019	0	575.846	107.85	\$18.93	\$2,042	468							\$ 2,042	\$ 1,779	\$ 262
8/20/2019	1	547.505	122.51	\$17.40	\$2,132	425							\$ 2,132	\$ 1,636	\$ 496
8/20/2019	2	528.878	148.88	\$15.46	\$2,302	380							\$ 2,302	\$ 1,453	\$ 848
8/20/2019	3	521.984	152.98	\$15.89	\$2,431	369							\$ 2,431	\$ 1,494	\$ 937
8/20/2019	4	532.288	165.29	\$18.36	\$3,035	367							\$ 3,035	\$ 1,726	\$ 1,309
8/20/2019	5	567.235	201.24	\$20.46	\$4,117	366							\$ 4,117	\$ 1,923	\$ 2,194
8/20/2019	6	582.066	215.07	\$20.35	\$4,377	367							\$ 4,377	\$ 1,913	\$ 2,464
8/20/2019	7	614.418	229.42	\$21.70	\$4,978	385							\$ 4,978	\$ 2,040	\$ 2,939
8/20/2019	8	655.475	156.69	\$24.54	\$3,845	464	15.79		8		11		\$ 3,845	\$ 2,307	\$ 1,538
8/20/2019	9	695.512	0	\$0.00	\$0	521	57.33		60				\$ -	\$ -	\$ -
8/20/2019	10	740.291	0	\$0.00	\$0	597	52.84		57				\$ -	\$ -	\$ -
8/20/2019	11	771.373	133.24	\$32.67	\$4,353	602	8.13		11		17		\$ 4,353	\$ 3,071	\$ 1,282
8/20/2019	12	780.366	100.37	\$39.65	\$3,980	586		27		36		31	\$ 3,980	\$ 3,727	\$ 253
8/20/2019	13	776.47	0	\$0.00	\$0	599		61		61			\$ -	\$ -	\$ -
8/20/2019	14	776.376	0	\$0.00	\$0	602	0.75	58	4	55	12	53	\$ -	\$ -	\$ -
8/20/2019	15	710.194	0	\$0.00	\$0	601	52.08	56	54	55	55	53	\$ -	\$ -	\$ -
8/20/2019	16	686.813	0	\$0.00	\$0	603		12	27	11	28	11	\$ -	\$ -	\$ -
8/20/2019	17	658.783	54.78	\$42.32	\$2,318	604							\$ 2,318	\$ 2,318	\$ -
8/20/2019	18	645.122	41.12	\$36.48	\$1,500	604							\$ 1,500	\$ 1,500	\$ -
8/20/2019	19	632.425	30.43	\$31.71	\$965	602							\$ 965	\$ 965	\$ -
8/20/2019	20	614.836	15.84	\$28.30	\$448	599							\$ 448	\$ 448	\$ -
8/20/2019	21	572.859	12.86	\$23.85	\$307	560							\$ 307	\$ 307	\$ -
8/20/2019	22	531.27	49.27	\$21.35	\$1,052	482							\$ 1,052	\$ 1,052	\$ -
8/20/2019	23	494.984	86.98	\$20.96	\$1,823	408							\$ 1,823	\$ 1,823	\$ -
8/21/2019	0	471.538	104.54	\$19.56	\$2,045	367							\$ 2,045	\$ 1,839	\$ 206
8/21/2019	1	452.829	86.83	\$18.43	\$1,600	366							\$ 1,600	\$ 1,600	\$ -
8/21/2019	2	443.906	76.91	\$17.13	\$1,317	367							\$ 1,317	\$ 1,317	\$ -
8/21/2019	3	440.892	74.89	\$17.19	\$1,287	366							\$ 1,287	\$ 1,287	\$ -
8/21/2019	4	458.266	92.27	\$19.25	\$1,776	366							\$ 1,776	\$ 1,776	\$ -
8/21/2019	5	501.026	133.03	\$20.84	\$2,772	368							\$ 2,772	\$ 1,959	\$ 813
8/21/2019	6	522.798	156.8	\$21.51	\$3,373	366							\$ 3,373	\$ 2,022	\$ 1,351
8/21/2019	7	553.359	186.36	\$22.24	\$4,145	367							\$ 4,145	\$ 2,091	\$ 2,054
8/21/2019	8	583.817	174.82	\$24.67	\$4,313	409							\$ 4,313	\$ 2,319	\$ 1,994
8/21/2019	9	605.416	124.42	\$27.71	\$3,448	481							\$ 3,448	\$ 2,605	\$ 843
8/21/2019	10	625.006	86.01	\$32.15	\$2,765	539							\$ 2,765	\$ 2,765	\$ -
8/21/2019	11	657.298	64.3	\$35.06	\$2,254	593							\$ 2,254	\$ 2,254	\$ -
8/21/2019	12	694.423	108.42	\$37.23	\$4,036	586							\$ 4,036	\$ 3,500	\$ 537
8/21/2019	13	722.665	119.67	\$42.86	\$5,129	603							\$ 5,129	\$ 4,029	\$ 1,100
8/21/2019	14	748.095	144.1	\$45.57	\$6,567	604							\$ 6,567	\$ 4,284	\$ 2,283
8/21/2019	15	761.644	159.64	\$49.72	\$7,937	602							\$ 7,937	\$ 4,674	\$ 3,264
8/21/2019	16	768.568	163.57	\$47.80	\$7,819	605							\$ 7,819	\$ 4,493	\$ 3,325
8/21/2019	17	759.854	155.85	\$39.13	\$6,098	604							\$ 6,098	\$ 3,678	\$ 2,420
8/21/2019	18	738.439	134.44	\$34.07	\$4,580	604							\$ 4,580	\$ 3,203	\$ 1,378
8/21/2019	19	711.001	107	\$33.00	\$3,531	604							\$ 3,531	\$ 3,102	\$ 429
8/21/2019	20	683.55	81.55	\$26.83	\$2,188	602							\$ 2,188	\$ 2,188	\$ -
8/21/2019	21	625.638	30.64	\$23.75	\$728	595							\$ 728	\$ 728	\$ -
8/21/2019	22	568.923	21.92	\$21.39	\$469	547							\$ 469	\$ 469	\$ -
8/21/2019	23	529.741	82.74	\$19.81	\$1,639	447							\$ 1,639	\$ 1,639	\$ -
8/22/2019	0	501.562	132.56	\$18.65	\$2,472	369							\$ 2,472	\$ 1,753	\$ 719
8/22/2019	1	482.279	113.28	\$17.03	\$1,929	369							\$ 1,929	\$ 1,601	\$ 328
8/22/2019	2	472.525	104.53	\$16.22	\$1,695	368							\$ 1,695	\$ 1,525	\$ 171
8/22/2019	3	474.094	107.09	\$15.96	\$1,709	367							\$ 1,709	\$ 1,500	\$ 209
8/22/2019	4	492.236	126.24	\$17.83	\$2,251	366							\$ 2,251	\$ 1,676	\$ 575
8/22/2019	5	530.567	171.57	\$19.88	\$3,411	359							\$ 3,411	\$ 1,869	\$ 1,542
8/22/2019	6	547.414	179.41	\$20.48	\$3,674	368							\$ 3,674	\$ 1,925	\$ 1,749
8/22/2019	7	558.118	177.12	\$21.76	\$3,854	381							\$ 3,854	\$ 2,045	\$ 1,809

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
8/22/2019	8	571.811	160.81	\$23.11	\$3,716	411								\$ 3,716	\$ 2,172	\$ 1,544
8/22/2019	9	591.258	105.26	\$24.58	\$2,587	486								\$ 2,587	\$ 2,311	\$ 277
8/22/2019	10	610.937	65.94	\$26.75	\$1,764	545								\$ 1,764	\$ 1,764	\$ -
8/22/2019	11	612.79	27.79	\$28.10	\$781	585								\$ 781	\$ 781	\$ -
8/22/2019	12	633.313	37.31	\$29.72	\$1,109	596								\$ 1,109	\$ 1,109	\$ -
8/22/2019	13	639.113	37.11	\$31.39	\$1,165	602								\$ 1,165	\$ 1,165	\$ -
8/22/2019	14	644.891	39.89	\$32.08	\$1,280	605								\$ 1,280	\$ 1,280	\$ -
8/22/2019	15	652.766	50.77	\$34.64	\$1,759	602								\$ 1,759	\$ 1,759	\$ -
8/22/2019	16	656.738	52.74	\$32.61	\$1,720	604								\$ 1,720	\$ 1,720	\$ -
8/22/2019	17	653.052	58.05	\$28.29	\$1,642	595								\$ 1,642	\$ 1,642	\$ -
8/22/2019	18	636.444	51.44	\$26.40	\$1,358	585								\$ 1,358	\$ 1,358	\$ -
8/22/2019	19	628.289	53.29	\$26.65	\$1,420	575								\$ 1,420	\$ 1,420	\$ -
8/22/2019	20	614.888	33.89	\$23.22	\$787	581								\$ 787	\$ 787	\$ -
8/22/2019	21	574.827	38.83	\$20.83	\$809	536								\$ 809	\$ 809	\$ -
8/22/2019	22	532.908	33.91	\$18.81	\$638	499								\$ 638	\$ 638	\$ -
8/22/2019	23	503.616	46.62	\$18.72	\$873	457								\$ 873	\$ 873	\$ -
8/23/2019	0	479.06	73.06	\$18.12	\$1,324	406								\$ 1,324	\$ 1,324	\$ -
8/23/2019	1	461.523	82.52	\$16.49	\$1,361	379								\$ 1,361	\$ 1,361	\$ -
8/23/2019	2	450.634	84.63	\$16.14	\$1,366	366								\$ 1,366	\$ 1,366	\$ -
8/23/2019	3	451.553	85.55	\$16.25	\$1,390	366								\$ 1,390	\$ 1,390	\$ -
8/23/2019	4	464.287	96.29	\$18.12	\$1,745	368								\$ 1,745	\$ 1,703	\$ 41
8/23/2019	5	497.772	124.77	\$19.29	\$2,407	373								\$ 2,407	\$ 1,813	\$ 594
8/23/2019	6	516.553	148.55	\$19.84	\$2,947	368								\$ 2,947	\$ 1,865	\$ 1,082
8/23/2019	7	520.441	143.44	\$20.88	\$2,995	377								\$ 2,995	\$ 1,963	\$ 1,032
8/23/2019	8	525.396	116.4	\$21.88	\$2,547	409								\$ 2,547	\$ 2,057	\$ 490
8/23/2019	9	541.138	116.14	\$22.67	\$2,633	425								\$ 2,633	\$ 2,131	\$ 502
8/23/2019	10	527.231	99.23	\$23.83	\$2,365	428								\$ 2,365	\$ 2,240	\$ 125
8/23/2019	11	560.802	130.8	\$24.55	\$3,211	430								\$ 3,211	\$ 2,308	\$ 903
8/23/2019	12	570.557	146.56	\$25.48	\$3,734	424								\$ 3,734	\$ 2,395	\$ 1,339
8/23/2019	13	574.325	121.33	\$27.29	\$3,311	453								\$ 3,311	\$ 2,565	\$ 746
8/23/2019	14	570.436	46.44	\$26.99	\$1,253	524								\$ 1,253	\$ 1,253	\$ -
8/23/2019	15	561.635	30.64	\$27.44	\$841	531								\$ 841	\$ 841	\$ -
8/23/2019	16	558.701	18.7	\$26.60	\$497	540								\$ 497	\$ 497	\$ -
8/23/2019	17	544.929	43.93	\$24.68	\$1,084	501								\$ 1,084	\$ 1,084	\$ -
8/23/2019	18	532.274	104.27	\$22.56	\$2,352	428								\$ 2,352	\$ 2,121	\$ 232
8/23/2019	19	515.602	143.6	\$21.82	\$3,133	372								\$ 3,133	\$ 2,051	\$ 1,082
8/23/2019	20	501.885	134.89	\$20.91	\$2,821	367								\$ 2,821	\$ 1,966	\$ 855
8/23/2019	21	474.402	108.4	\$19.48	\$2,112	366								\$ 2,112	\$ 1,831	\$ 281
8/23/2019	22	441.068	76.07	\$17.62	\$1,340	365								\$ 1,340	\$ 1,340	\$ -
8/23/2019	23	407.506	42.51	\$14.96	\$636	365								\$ 636	\$ 636	\$ -
8/24/2019	0	385.849	20.85	\$13.85	\$289	365								\$ 289	\$ 289	\$ -
8/24/2019	1	368.195	1.2	\$13.55	\$16	367								\$ 16	\$ 16	\$ -
8/24/2019	2	358.338			\$0	366								\$ -	\$ -	\$ -
8/24/2019	3	354.451			\$0	365								\$ -	\$ -	\$ -
8/24/2019	4	358.368	2.37	\$13.19	\$31	356								\$ 31	\$ 31	\$ -
8/24/2019	5	368.235	2.24	\$13.22	\$30	366								\$ 30	\$ 30	\$ -
8/24/2019	6	373.18	8.18	\$13.49	\$110	365								\$ 110	\$ 110	\$ -
8/24/2019	7	400.788	37.79	\$15.19	\$574	363								\$ 574	\$ 574	\$ -
8/24/2019	8	428.421	62.42	\$16.78	\$1,047	366								\$ 1,047	\$ 1,047	\$ -
8/24/2019	9	451.095	84.1	\$18.16	\$1,527	367								\$ 1,527	\$ 1,527	\$ -
8/24/2019	10	468.671	102.67	\$19.00	\$1,951	366								\$ 1,951	\$ 1,786	\$ 165
8/24/2019	11	480.342	112.34	\$19.73	\$2,216	368								\$ 2,216	\$ 1,855	\$ 362
8/24/2019	12	492.177	123.18	\$19.98	\$2,461	369								\$ 2,461	\$ 1,878	\$ 583
8/24/2019	13	504.923	103.92	\$20.88	\$2,170	401								\$ 2,170	\$ 1,963	\$ 207
8/24/2019	14	516.679	127.68	\$21.26	\$2,714	389								\$ 2,714	\$ 1,998	\$ 716
8/24/2019	15	529.384	153.38	\$21.57	\$3,308	376								\$ 3,308	\$ 2,028	\$ 1,281

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
8/24/2019	16	537.096	164.1	\$22.15	\$3,635	373								\$ 3,635	\$ 2,082	\$ 1,553
8/24/2019	17	533.287	165.29	\$20.78	\$3,435	368								\$ 3,435	\$ 1,953	\$ 1,481
8/24/2019	18	514.773	147.77	\$19.88	\$2,938	367								\$ 2,938	\$ 1,869	\$ 1,069
8/24/2019	19	498.031	141.03	\$19.69	\$2,777	357								\$ 2,777	\$ 1,851	\$ 926
8/24/2019	20	484.203	119.2	\$18.11	\$2,159	365								\$ 2,159	\$ 1,702	\$ 456
8/24/2019	21	455.707	80.71	\$16.35	\$1,320	375								\$ 1,320	\$ 1,320	\$ -
8/24/2019	22	424.457	68.46	\$14.03	\$960	356								\$ 960	\$ 960	\$ -
8/24/2019	23	395.971	19.97	\$12.92	\$258	376								\$ 258	\$ 258	\$ -
8/25/2019	0	375.272	11.27	\$12.67	\$143	364								\$ 143	\$ 143	\$ -
8/25/2019	1	357.507	1.51	\$11.46	\$17	356								\$ 17	\$ 17	\$ -
8/25/2019	2	347.613			\$0	366								\$ -	\$ -	\$ -
8/25/2019	3	341.623			\$0	365								\$ -	\$ -	\$ -
8/25/2019	4	341.657			\$0	366								\$ -	\$ -	\$ -
8/25/2019	5	346.604			\$0	366								\$ -	\$ -	\$ -
8/25/2019	6	349.515			\$0	362								\$ -	\$ -	\$ -
8/25/2019	7	374.281	8.28	\$13.41	\$111	366								\$ 111	\$ 111	\$ -
8/25/2019	8	404.938	40.94	\$15.52	\$635	364								\$ 635	\$ 635	\$ -
8/25/2019	9	434.559	70.56	\$15.80	\$1,115	364								\$ 1,115	\$ 1,115	\$ -
8/25/2019	10	462.997	96	\$17.90	\$1,718	367								\$ 1,718	\$ 1,683	\$ 36
8/25/2019	11	486.654	116.65	\$18.59	\$2,169	370								\$ 2,169	\$ 1,747	\$ 421
8/25/2019	12	505.31	138.31	\$19.51	\$2,698	367								\$ 2,698	\$ 1,834	\$ 864
8/25/2019	13	523.839	152.84	\$20.07	\$3,067	371								\$ 3,067	\$ 1,887	\$ 1,181
8/25/2019	14	547.235	144.24	\$21.42	\$3,090	403								\$ 3,090	\$ 2,013	\$ 1,076
8/25/2019	15	571.629	161.63	\$22.65	\$3,661	410								\$ 3,661	\$ 2,129	\$ 1,532
8/25/2019	16	585.109	154.11	\$23.17	\$3,571	431								\$ 3,571	\$ 2,178	\$ 1,393
8/25/2019	17	587.084	142.08	\$21.45	\$3,048	445								\$ 3,048	\$ 2,016	\$ 1,031
8/25/2019	18	576.3	119.3	\$21.25	\$2,535	457								\$ 2,535	\$ 1,998	\$ 538
8/25/2019	19	567.557	124.56	\$20.70	\$2,578	443								\$ 2,578	\$ 1,946	\$ 633
8/25/2019	20	548.139	170.14	\$19.40	\$3,301	378								\$ 3,301	\$ 1,824	\$ 1,477
8/25/2019	21	513.093	146.09	\$16.88	\$2,466	367								\$ 2,466	\$ 1,587	\$ 879
8/25/2019	22	474.031	107.03	\$14.94	\$1,599	367								\$ 1,599	\$ 1,404	\$ 195
8/25/2019	23	443.49	77.49	\$14.30	\$1,108	366								\$ 1,108	\$ 1,108	\$ -
8/26/2019	0	422.916	56.92	\$14.05	\$800	366								\$ 800	\$ 800	\$ -
8/26/2019	1	410.051	46.05	\$13.81	\$636	364								\$ 636	\$ 636	\$ -
8/26/2019	2	403.135	48.14	\$13.93	\$671	355								\$ 671	\$ 671	\$ -
8/26/2019	3	409.036	42.04	\$13.91	\$585	367								\$ 585	\$ 585	\$ -
8/26/2019	4	430.792	64.79	\$15.29	\$991	366								\$ 991	\$ 991	\$ -
8/26/2019	5	482.031	116.03	\$19.15	\$2,222	366								\$ 2,222	\$ 1,800	\$ 422
8/26/2019	6	511.694	146.69	\$19.04	\$2,793	365								\$ 2,793	\$ 1,790	\$ 1,003
8/26/2019	7	522.489	155.49	\$19.87	\$3,090	367								\$ 3,090	\$ 1,868	\$ 1,222
8/26/2019	8	534.122	168.12	\$20.35	\$3,421	366								\$ 3,421	\$ 1,913	\$ 1,508
8/26/2019	9	546.592	176.59	\$21.43	\$3,784	370								\$ 3,784	\$ 2,014	\$ 1,770
8/26/2019	10	554.216	180.22	\$22.71	\$4,093	374								\$ 4,093	\$ 2,135	\$ 1,958
8/26/2019	11	559.061	173.06	\$23.66	\$4,095	386								\$ 4,095	\$ 2,224	\$ 1,871
8/26/2019	12	558.825	138.83	\$25.63	\$3,558	420								\$ 3,558	\$ 2,409	\$ 1,149
8/26/2019	13	553.958	119.96	\$26.93	\$3,231	434								\$ 3,231	\$ 2,531	\$ 699
8/26/2019	14	553.072	120.07	\$27.25	\$3,272	433								\$ 3,272	\$ 2,562	\$ 710
8/26/2019	15	547.115	125.12	\$27.93	\$3,495	422								\$ 3,495	\$ 2,625	\$ 869
8/26/2019	16	551.059	95.06	\$26.99	\$2,566	456								\$ 2,566	\$ 2,537	\$ 29
8/26/2019	17	548.965	52.97	\$26.19	\$1,387	496								\$ 1,387	\$ 1,387	\$ -
8/26/2019	18	550.854			\$0	559								\$ -	\$ -	\$ -
8/26/2019	19	554.698			\$0	567								\$ -	\$ -	\$ -
8/26/2019	20	536.983			\$0	565								\$ -	\$ -	\$ -
8/26/2019	21	506.025	29.03	\$20.35	\$591	477								\$ 591	\$ 591	\$ -
8/26/2019	22	470.974	53.97	\$18.79	\$1,014	417								\$ 1,014	\$ 1,014	\$ -
8/26/2019	23	445.345	64.35	\$15.52	\$999	381								\$ 999	\$ 999	\$ -

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)			
							East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6		
8/27/2019	0	427.692	61.69	\$14.45	\$891	366							\$	891	\$	891	\$	-
8/27/2019	1	413.828	48.83	\$13.61	\$665	365							\$	665	\$	665	\$	-
8/27/2019	2	407.819	40.82	\$13.25	\$541	367							\$	541	\$	541	\$	-
8/27/2019	3	410.68	43.68	\$13.41	\$586	367							\$	586	\$	586	\$	-
8/27/2019	4	434.334	68.33	\$15.42	\$1,054	366							\$	1,054	\$	1,054	\$	-
8/27/2019	5	484.466	93.47	\$20.82	\$1,946	391							\$	1,946	\$	1,946	\$	-
8/27/2019	6	515.067	145.07	\$18.86	\$2,736	370							\$	2,736	\$	1,773	\$	963
8/27/2019	7	527.746	148.75	\$19.52	\$2,904	379							\$	2,904	\$	1,835	\$	1,069
8/27/2019	8	539.642	125.64	\$20.22	\$2,540	414							\$	2,540	\$	1,901	\$	640
8/27/2019	9	557.361	79.36	\$21.76	\$1,727	478							\$	1,727	\$	1,727	\$	-
8/27/2019	10	578.062	54.06	\$23.76	\$1,284	524							\$	1,284	\$	1,284	\$	-
8/27/2019	11	581.798	4.8	\$24.18	\$116	577							\$	116	\$	116	\$	-
8/27/2019	12	584.71			\$0	600							\$	-	\$	-	\$	-
8/27/2019	13	594.629			\$0	602							\$	-	\$	-	\$	-
8/27/2019	14	622.22	18.22	\$27.63	\$503	604							\$	503	\$	503	\$	-
8/27/2019	15	618.327	17.33	\$28.03	\$486	601							\$	486	\$	486	\$	-
8/27/2019	16	600.473	0	\$0.00	\$0	601							\$	-	\$	-	\$	-
8/27/2019	17	598.494	0	\$0.00	\$0	602							\$	-	\$	-	\$	-
8/27/2019	18	590.625			\$0	600							\$	-	\$	-	\$	-
8/27/2019	19	590.492			\$0	602							\$	-	\$	-	\$	-
8/27/2019	20	575.772			\$0	593							\$	-	\$	-	\$	-
8/27/2019	21	532.594	0	\$0.00	\$0	561							\$	-	\$	-	\$	-
8/27/2019	22	490.175	0	\$0.00	\$0	492							\$	-	\$	-	\$	-
8/27/2019	23	454.471	21.47	\$17.25	\$370	433							\$	370	\$	370	\$	-
8/28/2019	0	430.89	59.89	\$16.33	\$978	371							\$	978	\$	978	\$	-
8/28/2019	1	413.246	47.25	\$14.61	\$690	366							\$	690	\$	690	\$	-
8/28/2019	2	401.437	46.44	\$13.90	\$646	355							\$	646	\$	646	\$	-
8/28/2019	3	400.369	35.37	\$14.31	\$506	365							\$	506	\$	506	\$	-
8/28/2019	4	417.16	51.16	\$16.88	\$864	366							\$	864	\$	864	\$	-
8/28/2019	5	459.481	94.48	\$18.59	\$1,756	365							\$	1,756	\$	1,747	\$	9
8/28/2019	6	480.047	113.05	\$19.58	\$2,214	367							\$	2,214	\$	1,841	\$	373
8/28/2019	7	501.651	133.65	\$19.82	\$2,649	368							\$	2,649	\$	1,863	\$	786
8/28/2019	8	532.229	130.23	\$21.70	\$2,826	402							\$	2,826	\$	2,040	\$	786
8/28/2019	9	556.782	127.78	\$23.07	\$2,948	429							\$	2,948	\$	2,169	\$	779
8/28/2019	10	574.197	106.2	\$24.44	\$2,596	468							\$	2,596	\$	2,297	\$	298
8/28/2019	11	589.526	79.53	\$25.92	\$2,061	510							\$	2,061	\$	2,061	\$	-
8/28/2019	12	601.047			\$0	557	38					51	\$	-	\$	-	\$	-
8/28/2019	13	609.741			\$0	595	74	49				79	\$	-	\$	-	\$	-
8/28/2019	14	617.644	0	\$0.00	\$0	595	77	78				80	\$	-	\$	-	\$	-
8/28/2019	15	627.563	0	\$0.00	\$0	596	81	84				22	\$	-	\$	-	\$	-
8/28/2019	16	628.751	0	\$0.00	\$0	600	30	36					\$	-	\$	-	\$	-
8/28/2019	17	593.534			\$0	603							\$	-	\$	-	\$	-
8/28/2019	18	591.006			\$0	592							\$	-	\$	-	\$	-
8/28/2019	19	573.451			\$0	593							\$	-	\$	-	\$	-
8/28/2019	20	550.747			\$0	592							\$	-	\$	-	\$	-
8/28/2019	21	507.725			\$0	531							\$	-	\$	-	\$	-
8/28/2019	22	462.646	15.65	\$18.40	\$288	447							\$	288	\$	288	\$	-
8/28/2019	23	429.218	52.22	\$17.69	\$924	377							\$	924	\$	924	\$	-
8/29/2019	0	405.626	50.63	\$16.55	\$838	355							\$	838	\$	838	\$	-
8/29/2019	1	388.88	22.88	\$14.77	\$338	366							\$	338	\$	338	\$	-
8/29/2019	2	380.109	15.11	\$13.94	\$211	365							\$	211	\$	211	\$	-
8/29/2019	3	383.048	18.05	\$14.38	\$260	365							\$	260	\$	260	\$	-
8/29/2019	4	395.714	29.71	\$17.65	\$524	366							\$	524	\$	524	\$	-
8/29/2019	5	434.2	68.2	\$19.65	\$1,340	366							\$	1,340	\$	1,340	\$	-
8/29/2019	6	453.943	87.94	\$19.83	\$1,744	366							\$	1,744	\$	1,744	\$	-
8/29/2019	7	476.595	110.6	\$19.82	\$2,192	366							\$	2,192	\$	1,863	\$	329

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)	
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6
8/29/2019	8	500.23	134.23	\$21.16	\$2,840	366							\$ 2,840	\$ 1,989	\$ 851
8/29/2019	9	528.846	157.85	\$22.91	\$3,616	371							\$ 3,616	\$ 2,154	\$ 1,463
8/29/2019	10	554.373	181.37	\$24.29	\$4,405	373							\$ 4,405	\$ 2,283	\$ 2,122
8/29/2019	11	574.111	185.11	\$25.64	\$4,746	389							\$ 4,746	\$ 2,410	\$ 2,336
8/29/2019	12	598.579	67.58	\$28.40	\$1,919	432			49		50		\$ 1,919	\$ 1,919	\$ -
8/29/2019	13	614.212			\$0	478			78		76		\$ -	\$ -	\$ -
8/29/2019	14	633.699			\$0	511			77		80		\$ -	\$ -	\$ -
8/29/2019	15	648.213	0	\$0.00	\$0	556			64	62	21		\$ -	\$ -	\$ -
8/29/2019	16	654.967	0	\$0.00	\$0	597			56	71			\$ -	\$ -	\$ -
8/29/2019	17	645.187			\$0	603			57				\$ -	\$ -	\$ -
8/29/2019	18	622.771	5.77	\$26.79	\$155	584			33				\$ 155	\$ 155	\$ -
8/29/2019	19	609.936	8.94	\$27.47	\$246	601							\$ 246	\$ 246	\$ -
8/29/2019	20	588.36	1.36	\$23.64	\$32	587							\$ 32	\$ 32	\$ -
8/29/2019	21	546.303	9.3	\$20.17	\$188	537							\$ 188	\$ 188	\$ -
8/29/2019	22	505	22	\$19.34	\$425	483							\$ 425	\$ 425	\$ -
8/29/2019	23	470.69	41.69	\$18.29	\$763	429							\$ 763	\$ 763	\$ -
8/30/2019	0	446.196	67.2	\$16.21	\$1,089	379							\$ 1,089	\$ 1,089	\$ -
8/30/2019	1	426.552	60.55	\$14.73	\$892	366							\$ 892	\$ 892	\$ -
8/30/2019	2	415.846	50.85	\$14.18	\$721	365							\$ 721	\$ 721	\$ -
8/30/2019	3	418.778	51.78	\$14.81	\$767	367							\$ 767	\$ 767	\$ -
8/30/2019	4	432.551	67.55	\$16.56	\$1,119	365							\$ 1,119	\$ 1,119	\$ -
8/30/2019	5	474.94	107.94	\$19.51	\$2,106	367							\$ 2,106	\$ 1,834	\$ 272
8/30/2019	6	495.544	128.54	\$19.69	\$2,531	367							\$ 2,531	\$ 1,851	\$ 680
8/30/2019	7	515.278	150.28	\$20.25	\$3,043	365							\$ 3,043	\$ 1,904	\$ 1,140
8/30/2019	8	550.602	169.6	\$22.40	\$3,799	381							\$ 3,799	\$ 2,106	\$ 1,693
8/30/2019	9	586.044	185.04	\$24.49	\$4,532	401							\$ 4,532	\$ 2,302	\$ 2,230
8/30/2019	10	614.489	175.49	\$25.69	\$4,508	439							\$ 4,508	\$ 2,415	\$ 2,093
8/30/2019	11	642.708	167.71	\$26.80	\$4,495	475							\$ 4,495	\$ 2,519	\$ 1,975
8/30/2019	12	676.907	130.91	\$29.57	\$3,871	546							\$ 3,871	\$ 2,780	\$ 1,091
8/30/2019	13	699.288	0	\$0.00	\$0	595	13.75	18	16	21	20	26	\$ -	\$ -	\$ -
8/30/2019	14	714.08	39.08	\$39.85	\$1,557	603	71.25	77	73	72	71	73	\$ 1,557	\$ 1,557	\$ -
8/30/2019	15	717.047	40.05	\$42.45	\$1,700	601	75.64	78	77	76	74	73	\$ 1,700	\$ 1,700	\$ -
8/30/2019	16	670.72			\$0	600	77.26	79	77	80	73	73	\$ -	\$ -	\$ -
8/30/2019	17	633.613	0	\$0.00	\$0	592	56.31	58	57	66	57	52	\$ -	\$ -	\$ -
8/30/2019	18	606.153			\$0	592	35.46	35	35	33	36	32	\$ -	\$ -	\$ -
8/30/2019	19	597.342			\$0	602							\$ -	\$ -	\$ -
8/30/2019	20	580.63			\$0	592							\$ -	\$ -	\$ -
8/30/2019	21	545.369	0.37	\$20.54	\$8	545							\$ 8	\$ 8	\$ -
8/30/2019	22	509.023	15.02	\$18.94	\$284	494							\$ 284	\$ 284	\$ -
8/30/2019	23	476.369	50.37	\$17.72	\$893	426							\$ 893	\$ 893	\$ -
8/31/2019	0	450.897	64.9	\$16.45	\$1,068	386							\$ 1,068	\$ 1,068	\$ -
8/31/2019	1	428.207	62.21	\$15.30	\$952	366							\$ 952	\$ 952	\$ -
8/31/2019	2	414.497	59.5	\$14.68	\$873	355							\$ 873	\$ 873	\$ -
8/31/2019	3	407.736	43.74	\$14.32	\$626	364							\$ 626	\$ 626	\$ -
8/31/2019	4	404.754	40.75	\$14.48	\$590	364							\$ 590	\$ 590	\$ -
8/31/2019	5	408.721	43.72	\$14.72	\$644	365							\$ 644	\$ 644	\$ -
8/31/2019	6	413.534	48.53	\$15.32	\$743	365							\$ 743	\$ 743	\$ -
8/31/2019	7	430.208	65.21	\$17.70	\$1,154	365							\$ 1,154	\$ 1,154	\$ -
8/31/2019	8	454.692	91.69	\$19.44	\$1,782	363							\$ 1,782	\$ 1,782	\$ -
8/31/2019	9	483.158	108.16	\$20.82	\$2,252	375							\$ 2,252	\$ 1,957	\$ 295
8/31/2019	10	508.591	87.59	\$22.18	\$1,943	421							\$ 1,943	\$ 1,943	\$ -
8/31/2019	11	533.07	57.07	\$23.80	\$1,358	476							\$ 1,358	\$ 1,358	\$ -
8/31/2019	12	550.746	22.75	\$25.29	\$575	528							\$ 575	\$ 575	\$ -
8/31/2019	13	548.718			\$0	556							\$ -	\$ -	\$ -
8/31/2019	14	547.677			\$0	588							\$ -	\$ -	\$ -
8/31/2019	15	539.65			\$0	604							\$ -	\$ -	\$ -



Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)				
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6			
8/31/2019	16	531.56			\$0	603						\$	-	\$	-	\$	-	
8/31/2019	17	519.652			\$0	603						\$	-	\$	-	\$	-	
8/31/2019	18	506.13			\$0	586						\$	-	\$	-	\$	-	
8/31/2019	19	508.3			\$0	575						\$	-	\$	-	\$	-	
8/31/2019	20	493.518			\$0	566						\$	-	\$	-	\$	-	
8/31/2019	21	470.911			\$0	513						\$	-	\$	-	\$	-	
8/31/2019	22	440.534	0	\$0.00	\$0	470						\$	-	\$	-	\$	-	
8/31/2019	23	413.189	0	\$0.00	\$0	430						\$	-	\$	-	\$	-	
9/1/2019	0	390.802	16.8	\$15.52	\$261	374						\$	261	\$	261	\$	-	
9/1/2019	1	375.134	11.13	\$14.66	\$163	364						\$	163	\$	163	\$	-	
9/1/2019	2	364.405	0	\$0.00	\$0	365						\$	-	\$	-	\$	-	
9/1/2019	3	358.687			\$0	364						\$	-	\$	-	\$	-	
9/1/2019	4	357.657			\$0	363						\$	-	\$	-	\$	-	
9/1/2019	5	362.614			\$0	365						\$	-	\$	-	\$	-	
9/1/2019	6	366.614	3.61	\$14.57	\$53	363						\$	53	\$	53	\$	-	
9/1/2019	7	386.317	23.32	\$16.03	\$374	363						\$	374	\$	374	\$	-	
9/1/2019	8	417.706	53.71	\$18.80	\$1,010	364						\$	1,010	\$	1,010	\$	-	
9/1/2019	9	452.072	89.07	\$18.90	\$1,683	363						\$	1,683	\$	1,683	\$	-	
9/1/2019	10	496.335	118.34	\$20.57	\$2,434	378						\$	2,434	\$	1,934	\$	501	
9/1/2019	11	537.5	105.5	\$21.97	\$2,318	432						\$	2,318	\$	2,065	\$	253	
9/1/2019	12	575.54	67.54	\$24.02	\$1,622	508						\$	1,622	\$	1,622	\$	-	
9/1/2019	13	593.116	33.12	\$25.96	\$860	560						\$	860	\$	860	\$	-	
9/1/2019	14	615.691	17.69	\$28.09	\$497	598						\$	497	\$	497	\$	-	
9/1/2019	15	630.494	28.49	\$30.85	\$879	602						\$	879	\$	879	\$	-	
9/1/2019	16	619.747	18.75	\$30.38	\$570	601						\$	570	\$	570	\$	-	
9/1/2019	17	596.203			\$0	598						\$	-	\$	-	\$	-	
9/1/2019	18	574.614			\$0	599						\$	-	\$	-	\$	-	
9/1/2019	19	562.869			\$0	594						\$	-	\$	-	\$	-	
9/1/2019	20	538.373			\$0	587						\$	-	\$	-	\$	-	
9/1/2019	21	509.949	14.95	\$19.84	\$297	495						\$	297	\$	297	\$	-	
9/1/2019	22	476.369	17.37	\$18.43	\$320	459						\$	320	\$	320	\$	-	
9/1/2019	23	443.029	13.03	\$15.99	\$208	430						\$	208	\$	208	\$	-	
9/2/2019	0	419.679	60.68	\$14.95	\$907	359						\$	907	\$	907	\$	-	
9/2/2019	1	402.951	36.95	\$14.54	\$537	366						\$	537	\$	537	\$	-	
9/2/2019	2	393.112	29.11	\$14.36	\$418	364						\$	418	\$	418	\$	-	
9/2/2019	3	390.276	25.28	\$14.02	\$354	365						\$	354	\$	354	\$	-	
9/2/2019	4	390.114	25.11	\$14.41	\$362	365						\$	362	\$	362	\$	-	
9/2/2019	5	396.081	31.08	\$14.51	\$451	365						\$	451	\$	451	\$	-	
9/2/2019	6	391.123	26.12	\$14.17	\$370	365						\$	370	\$	370	\$	-	
9/2/2019	7	414.838	51.84	\$16.49	\$855	363						\$	855	\$	855	\$	-	
9/2/2019	8	457.979	90.98	\$19.32	\$1,758	367						\$	1,758	\$	1,758	\$	-	
9/2/2019	9	500.941	133.94	\$20.25	\$2,712	367						\$	2,712	\$	1,904	\$	809	
9/2/2019	10	532.219	165.22	\$22.79	\$3,765	367						\$	3,765	\$	2,142	\$	1,623	
9/2/2019	11	552.746	185.75	\$27.00	\$5,015	367						\$	5,015	\$	2,538	\$	2,477	
9/2/2019	12	563.424	196.42	\$28.31	\$5,561	367						\$	5,561	\$	2,661	\$	2,900	
9/2/2019	13	574.433	207.43	\$31.63	\$6,561	367						\$	6,561	\$	2,973	\$	3,588	
9/2/2019	14	587.3	210.3	\$31.58	\$6,641	367						\$	6,641	\$	2,969	\$	3,673	
9/2/2019	15	600.989	98.99	\$35.70	\$3,534	367	65	71	69	66	56	69	\$	3,534	\$	3,356	\$	178
9/2/2019	16	614.833	6.83	\$35.20	\$240	387	74	77	74	73	71	74	\$	240	\$	240	\$	-
9/2/2019	17	609.9	0	\$0.00	\$0	529	76	76	76	74	74	74	\$	-	\$	-	\$	-
9/2/2019	18	591.093			\$0	586	18	20	20	17	20	19	\$	-	\$	-	\$	-
9/2/2019	19	576.114			\$0	598							\$	-	\$	-	\$	-
9/2/2019	20	546.889			\$0	598							\$	-	\$	-	\$	-
9/2/2019	21	497.781	0	\$0.00	\$0	556							\$	-	\$	-	\$	-
9/2/2019	22	450.378	0	\$0.00	\$0	516							\$	-	\$	-	\$	-
9/2/2019	23	415.998	0	\$0.00	\$0	482							\$	-	\$	-	\$	-

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Demand (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)				
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6			
9/3/2019	0	392.538	0	\$0.00	\$0	393							\$	-	\$	-	\$	-
9/3/2019	1	374.796	9.8	\$16.92	\$166	365							\$	166	\$	166	\$	-
9/3/2019	2	363.992	0	\$0.00	\$0	364							\$	-	\$	-	\$	-
9/3/2019	3	367.104	0.1	\$16.49	\$2	367							\$	2	\$	2	\$	-
9/3/2019	4	387.634	22.63	\$18.73	\$424	365							\$	424	\$	424	\$	-
9/3/2019	5	441.797	66.8	\$20.55	\$1,373	375							\$	1,373	\$	1,373	\$	-
9/3/2019	6	468.511	103.51	\$20.74	\$2,147	365							\$	2,147	\$	1,950	\$	197
9/3/2019	7	497.002	132	\$20.87	\$2,755	365							\$	2,755	\$	1,962	\$	793
9/3/2019	8	533.433	167.43	\$26.40	\$4,420	366							\$	4,420	\$	2,482	\$	1,939
9/3/2019	9	566.658	200.66	\$24.29	\$4,874	366							\$	4,874	\$	2,283	\$	2,591
9/3/2019	10	602.028	236.03	\$25.76	\$6,080	366							\$	6,080	\$	2,421	\$	3,659
9/3/2019	11	632.226	266.23	\$29.73	\$7,915	366							\$	7,915	\$	2,795	\$	5,120
9/3/2019	12	659.582	292.58	\$31.63	\$9,254	367							\$	9,254	\$	2,973	\$	6,281
9/3/2019	13	682.942	314.94	\$35.57	\$11,202	368				7		16	\$	11,202	\$	3,344	\$	7,859
9/3/2019	14	709.336	321.95	\$38.18	\$12,292	366	21.38	9	13	62	10	62	\$	12,292	\$	3,589	\$	8,703
9/3/2019	15	726.695	213.59	\$58.58	\$12,512	366	72.1	75	71	71	69	71	\$	12,512	\$	5,507	\$	7,006
9/3/2019	16	730.722	225.35	\$52.98	\$11,939	367	68.37	70	68	67	64	64	\$	11,939	\$	4,980	\$	6,959
9/3/2019	17	724.121	300.89	\$35.19	\$10,588	366	57.23	57	55	57	3	58	\$	10,588	\$	3,308	\$	7,280
9/3/2019	18	700.692	246.99	\$31.70	\$7,830	357	19.7	19	20	19		19	\$	7,830	\$	2,980	\$	4,850
9/3/2019	19	684.999	318	\$31.74	\$10,093	367							\$	10,093	\$	2,984	\$	7,110
9/3/2019	20	640.914	275.91	\$26.55	\$7,325	365							\$	7,325	\$	2,496	\$	4,830
9/3/2019	21	590.825	224.83	\$22.46	\$5,050	366							\$	5,050	\$	2,111	\$	2,938
9/3/2019	22	541.656	176.66	\$20.33	\$3,591	365							\$	3,591	\$	1,911	\$	1,680
9/3/2019	23	506.439	142.44	\$19.13	\$2,725	364							\$	2,725	\$	1,798	\$	927
9/4/2019	0	482.076	117.08	\$17.99	\$2,106	365							\$	2,106	\$	1,691	\$	415
9/4/2019	1	466.579	100.58	\$16.98	\$1,708	366							\$	1,708	\$	1,596	\$	112
9/4/2019	2	459.777	96.78	\$15.92	\$1,541	363							\$	1,541	\$	1,496	\$	44
9/4/2019	3	463.783	96.78	\$16.80	\$1,626	367							\$	1,626	\$	1,579	\$	47
9/4/2019	4	480.381	112.38	\$18.93	\$2,127	368							\$	2,127	\$	1,779	\$	348
9/4/2019	5	528.44	159.44	\$21.03	\$3,353	369							\$	3,353	\$	1,977	\$	1,376
9/4/2019	6	547.101	137.1	\$20.96	\$2,874	381		29					\$	2,874	\$	1,970	\$	903
9/4/2019	7	570.656	125.66	\$21.09	\$2,650	369		76					\$	2,650	\$	1,982	\$	668
9/4/2019	8	605.788	122.79	\$23.24	\$2,854	404		79					\$	2,854	\$	2,185	\$	669
9/4/2019	9	631.737	111.74	\$27.05	\$3,023	451		69					\$	3,023	\$	2,543	\$	480
9/4/2019	10	660.086	128.09	\$28.64	\$3,668	495		37					\$	3,668	\$	2,692	\$	976
9/4/2019	11	684.739	0	\$0.00	\$0	547	43	57	44	47	50	54	\$	-	\$	-	\$	-
9/4/2019	12	708.034	0	\$0.00	\$0	594	9	4	74	73	72	73	\$	-	\$	-	\$	-
9/4/2019	13	718.739	0	\$0.00	\$0	601			75	73	73	74	\$	-	\$	-	\$	-
9/4/2019	14	726.46		\$0	\$0	601			77	74	75	73	\$	-	\$	-	\$	-
9/4/2019	15	727.294		\$0	\$0	602	34	24	77	74	74	72	\$	-	\$	-	\$	-
9/4/2019	16	724.207		\$0	\$0	602	63	64	77	74	74	73	\$	-	\$	-	\$	-
9/4/2019	17	708.684	0	\$0.00	\$0	600	57	58	78	75	75	71	\$	-	\$	-	\$	-
9/4/2019	18	680.418	0	\$0.00	\$0	602	9	12	20	76	74	72	\$	-	\$	-	\$	-
9/4/2019	19	661.91	0	\$0.00	\$0	600				78	75	72	\$	-	\$	-	\$	-
9/4/2019	20	626.647	0	\$0.00	\$0	590				21	22	21	\$	-	\$	-	\$	-
9/4/2019	21	568.559	3.56	\$21.44	\$76	565							\$	76	\$	76	\$	-
9/4/2019	22	518.381	0	\$0.00	\$0	601							\$	-	\$	-	\$	-
9/4/2019	23	474.986	0	\$0.00	\$0	599							\$	-	\$	-	\$	-
9/5/2019	0	447.495	0	\$0.00	\$0	540							\$	-	\$	-	\$	-
9/5/2019	1	425.042	0	\$0.00	\$0	445							\$	-	\$	-	\$	-
9/5/2019	2	410.287	30.29	\$18.21	\$552	380							\$	552	\$	552	\$	-
9/5/2019	3	411.493	54.49	\$18.39	\$1,002	357							\$	1,002	\$	1,002	\$	-
9/5/2019	4	424.458	57.46	\$19.52	\$1,122	367							\$	1,122	\$	1,122	\$	-
9/5/2019	5	459.658	51.66	\$21.91	\$1,132	408							\$	1,132	\$	1,132	\$	-
9/5/2019	6	475.305	0	\$0.00	\$0	453			31				\$	-	\$	-	\$	-
9/5/2019	7	494.084	0	\$0.00	\$0	481			78				\$	-	\$	-	\$	-

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
9/5/2019	8	519.539			\$0	526			79				\$ -	\$ -	\$ -
9/5/2019	9	540.098			\$0	571			71				\$ -	\$ -	\$ -
9/5/2019	10	554.752			\$0	587			29				\$ -	\$ -	\$ -
9/5/2019	11	570.416			\$0	603				41			\$ -	\$ -	\$ -
9/5/2019	12	588.27			\$0	600				19			\$ -	\$ -	\$ -
9/5/2019	13	602.183	3.18	\$30.19	\$96	599							\$ 96	\$ 96	\$ -
9/5/2019	14	619.016	18.02	\$33.11	\$597	601							\$ 597	\$ 597	\$ -
9/5/2019	15	632.949	29.95	\$30.91	\$926	603							\$ 926	\$ 926	\$ -
9/5/2019	16	637.897	37.9	\$30.27	\$1,147	600							\$ 1,147	\$ 1,147	\$ -
9/5/2019	17	627.132	23.13	\$28.09	\$650	604							\$ 650	\$ 650	\$ -
9/5/2019	18	605.482	4.48	\$28.06	\$126	601							\$ 126	\$ 126	\$ -
9/5/2019	19	592.694			\$0	601							\$ -	\$ -	\$ -
9/5/2019	20	567.227			\$0	596							\$ -	\$ -	\$ -
9/5/2019	21	520.018			\$0	560							\$ -	\$ -	\$ -
9/5/2019	22	472.735	0	\$0.00	\$0	512							\$ -	\$ -	\$ -
9/5/2019	23	439.344	41.34	\$19.41	\$802	398							\$ 802	\$ 802	\$ -
9/6/2019	0	415.954	56.95	\$18.97	\$1,080	359							\$ 1,080	\$ 1,080	\$ -
9/6/2019	1	394.439	27.44	\$18.32	\$503	367							\$ 503	\$ 503	\$ -
9/6/2019	2	384.836	8.84	\$18.32	\$162	376							\$ 162	\$ 162	\$ -
9/6/2019	3	385.922	20.92	\$18.70	\$391	365							\$ 391	\$ 391	\$ -
9/6/2019	4	399.679	33.68	\$19.70	\$663	366							\$ 663	\$ 663	\$ -
9/6/2019	5	434.113	54.11	\$22.74	\$1,230	380							\$ 1,230	\$ 1,230	\$ -
9/6/2019	6	451.801	72.8	\$21.48	\$1,564	379							\$ 1,564	\$ 1,564	\$ -
9/6/2019	7	466.31	103.31	\$21.85	\$2,257	363							\$ 2,257	\$ 2,054	\$ 203
9/6/2019	8	487.695	35.7	\$23.83	\$851	452							\$ 851	\$ 851	\$ -
9/6/2019	9	510.218			\$0	495		5	13	18	17		\$ -	\$ -	\$ -
9/6/2019	10	533.871			\$0	535	67	75	74	73	71	26	\$ -	\$ -	\$ -
9/6/2019	11	555.569			\$0	564	67	78	23	72	73	72	\$ -	\$ -	\$ -
9/6/2019	12	569.465			\$0	602	21	56		69	69	69	\$ -	\$ -	\$ -
9/6/2019	13	588.226			\$0	600				14	14	12	\$ -	\$ -	\$ -
9/6/2019	14	611.882	11.88	\$32.76	\$389	600							\$ 389	\$ 389	\$ -
9/6/2019	15	615.72	17.72	\$33.65	\$596	598							\$ 596	\$ 596	\$ -
9/6/2019	16	613.747	11.75	\$33.43	\$393	602							\$ 393	\$ 393	\$ -
9/6/2019	17	610.906	8.91	\$31.07	\$277	602							\$ 277	\$ 277	\$ -
9/6/2019	18	590.204			\$0	599							\$ -	\$ -	\$ -
9/6/2019	19	578.988	1.99	\$25.72	\$51	577							\$ 51	\$ 51	\$ -
9/6/2019	20	559.426			\$0	562							\$ -	\$ -	\$ -
9/6/2019	21	526.021	40.02	\$21.28	\$852	486							\$ 852	\$ 852	\$ -
9/6/2019	22	490.605	50.61	\$19.67	\$995	440							\$ 995	\$ 995	\$ -
9/6/2019	23	454.047	67.05	\$17.64	\$1,183	387							\$ 1,183	\$ 1,183	\$ -
9/7/2019	0	426.502	59.5	\$16.69	\$993	367							\$ 993	\$ 993	\$ -
9/7/2019	1	402.18	38.18	\$15.76	\$602	364							\$ 602	\$ 602	\$ -
9/7/2019	2	387.92	22.92	\$14.99	\$344	365							\$ 344	\$ 344	\$ -
9/7/2019	3	381.147	15.15	\$14.57	\$221	366							\$ 221	\$ 221	\$ -
9/7/2019	4	384.985	19.99	\$15.29	\$306	365							\$ 306	\$ 306	\$ -
9/7/2019	5	394.86	27.86	\$16.53	\$461	367							\$ 461	\$ 461	\$ -
9/7/2019	6	408.715	43.72	\$16.67	\$729	365							\$ 729	\$ 729	\$ -
9/7/2019	7	425.506	61.51	\$17.43	\$1,072	364							\$ 1,072	\$ 1,072	\$ -
9/7/2019	8	442.956	61.96	\$19.45	\$1,205	381							\$ 1,205	\$ 1,205	\$ -
9/7/2019	9	455.444	14.44	\$20.35	\$294	441							\$ 294	\$ 294	\$ -
9/7/2019	10	461.941			\$0	516							\$ -	\$ -	\$ -
9/7/2019	11	463.699			\$0	578							\$ -	\$ -	\$ -
9/7/2019	12	468.535			\$0	597							\$ -	\$ -	\$ -
9/7/2019	13	482.296			\$0	599							\$ -	\$ -	\$ -
9/7/2019	14	498.124			\$0	593							\$ -	\$ -	\$ -
9/7/2019	15	514.883			\$0	601							\$ -	\$ -	\$ -

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
9/7/2019	16	525.773			\$0	600							\$ -	\$ -	\$ -
9/7/2019	17	522.804			\$0	601							\$ -	\$ -	\$ -
9/7/2019	18	505.04			\$0	601							\$ -	\$ -	\$ -
9/7/2019	19	501.113			\$0	597							\$ -	\$ -	\$ -
9/7/2019	20	484.547			\$0	536							\$ -	\$ -	\$ -
9/7/2019	21	455.926			\$0	484							\$ -	\$ -	\$ -
9/7/2019	22	423.445			\$0	507							\$ -	\$ -	\$ -
9/7/2019	23	396.339	0	\$0.00	\$0	432							\$ -	\$ -	\$ -
9/8/2019	0	374.944			\$0	394							\$ -	\$ -	\$ -
9/8/2019	1	356.206			\$0	368							\$ -	\$ -	\$ -
9/8/2019	2	344.47			\$0	364							\$ -	\$ -	\$ -
9/8/2019	3	341.527			\$0	365							\$ -	\$ -	\$ -
9/8/2019	4	341.501			\$0	366							\$ -	\$ -	\$ -
9/8/2019	5	347.434			\$0	364							\$ -	\$ -	\$ -
9/8/2019	6	351.353			\$0	364							\$ -	\$ -	\$ -
9/8/2019	7	372.983	8.98	\$17.64	\$158	364							\$ 158	\$ 158	\$ -
9/8/2019	8	394.63	0	\$0.00	\$0	398							\$ -	\$ -	\$ -
9/8/2019	9	438.845			\$0	445							\$ -	\$ -	\$ -
9/8/2019	10	467.127			\$0	482							\$ -	\$ -	\$ -
9/8/2019	11	491.279			\$0	526							\$ -	\$ -	\$ -
9/8/2019	12	510.762			\$0	570							\$ -	\$ -	\$ -
9/8/2019	13	516.608			\$0	576							\$ -	\$ -	\$ -
9/8/2019	14	521.418			\$0	583							\$ -	\$ -	\$ -
9/8/2019	15	531.285			\$0	570							\$ -	\$ -	\$ -
9/8/2019	16	531.431			\$0	590							\$ -	\$ -	\$ -
9/8/2019	17	530.53			\$0	615							\$ -	\$ -	\$ -
9/8/2019	18	523.545			\$0	602							\$ -	\$ -	\$ -
9/8/2019	19	524.588			\$0	596							\$ -	\$ -	\$ -
9/8/2019	20	501.016			\$0	572							\$ -	\$ -	\$ -
9/8/2019	21	469.54			\$0	594							\$ -	\$ -	\$ -
9/8/2019	22	431.173			\$0	545							\$ -	\$ -	\$ -
9/8/2019	23	403.769	0	\$0.00	\$0	442							\$ -	\$ -	\$ -
9/9/2019	0	382.479	10.48	\$17.27	\$181	372							\$ 181	\$ 181	\$ -
9/9/2019	1	369.797	4.8	\$16.47	\$79	365							\$ 79	\$ 79	\$ -
9/9/2019	2	364.012			\$0	365							\$ -	\$ -	\$ -
9/9/2019	3	368.945	2.95	\$16.91	\$50	366							\$ 50	\$ 50	\$ -
9/9/2019	4	392.604	27.6	\$18.60	\$513	365							\$ 513	\$ 513	\$ -
9/9/2019	5	437.652	62.65	\$22.22	\$1,392	375							\$ 1,392	\$ 1,392	\$ -
9/9/2019	6	459.958	48.96	\$22.37	\$1,095	411							\$ 1,095	\$ 1,095	\$ -
9/9/2019	7	476.562	67.56	\$22.50	\$1,520	409							\$ 1,520	\$ 1,520	\$ -
9/9/2019	8	501.102	32.1	\$25.23	\$810	469							\$ 810	\$ 810	\$ -
9/9/2019	9	530.443			\$0	535							\$ -	\$ -	\$ -
9/9/2019	10	554.285	5.29	\$27.19	\$144	549							\$ 144	\$ 144	\$ -
9/9/2019	11	588.824	36.82	\$31.33	\$1,154	552							\$ 1,154	\$ 1,154	\$ -
9/9/2019	12	619.28	67.28	\$34.62	\$2,329	552							\$ 2,329	\$ 2,329	\$ -
9/9/2019	13	649.611	97.61	\$36.45	\$3,558	552							\$ 3,558	\$ 3,426	\$ 132
9/9/2019	14	673.565	117.57	\$39.11	\$4,598	556							\$ 4,598	\$ 3,676	\$ 922
9/9/2019	15	687.023	126.02	\$44.04	\$5,550	561	41			13			\$ 5,550	\$ 4,140	\$ 1,410
9/9/2019	16	697.889	25.89	\$38.17	\$988	603	69			66			\$ 988	\$ 988	\$ -
9/9/2019	17	689.115			\$0	603	65			64			\$ -	\$ -	\$ -
9/9/2019	18	665.384			\$0	586	67			67			\$ -	\$ -	\$ -
9/9/2019	19	653.568			\$0	603	55			54			\$ -	\$ -	\$ -
9/9/2019	20	617.064	22.06	\$24.06	\$531	595							\$ 531	\$ 531	\$ -
9/9/2019	21	567.995	9	\$21.55	\$194	559							\$ 194	\$ 194	\$ -
9/9/2019	22	517.896	38.9	\$19.62	\$763	479							\$ 763	\$ 763	\$ -
9/9/2019	23	478.789	90.79	\$18.71	\$1,699	388							\$ 1,699	\$ 1,699	\$ -

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)							Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)			
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6						
9/10/2019	0	451.338	82.34	\$18.14	\$1,494	369							\$	1,494	\$	1,494	\$	-
9/10/2019	1	429.972	63.97	\$17.20	\$1,100	366							\$	1,100	\$	1,100	\$	-
9/10/2019	2	418.43	52.43	\$16.47	\$864	366							\$	864	\$	864	\$	-
9/10/2019	3	416.441	49.44	\$17.51	\$866	367							\$	866	\$	866	\$	-
9/10/2019	4	434.086	68.09	\$18.56	\$1,264	366							\$	1,264	\$	1,264	\$	-
9/10/2019	5	477.999	112	\$21.61	\$2,420	366							\$	2,420	\$	2,031	\$	389
9/10/2019	6	494.568	127.57	\$21.99	\$2,805	367			50				\$	2,805	\$	2,067	\$	738
9/10/2019	7	508.162	143.16	\$22.90	\$3,278	365			78				\$	3,278	\$	2,153	\$	1,126
9/10/2019	8	537.682	144.68	\$27.43	\$3,969	393			77				\$	3,969	\$	2,578	\$	1,390
9/10/2019	9	575.168	56.17	\$30.57	\$1,717	485			34			34	\$	1,717	\$	1,717	\$	-
9/10/2019	10	614.441	60.44	\$34.32	\$2,074	554							\$	2,074	\$	2,074	\$	-
9/10/2019	11	659.61	59.61	\$38.24	\$2,279	600							\$	2,279	\$	2,279	\$	-
9/10/2019	12	704.851	59.85	\$45.19	\$2,705	603							\$	2,705	\$	2,705	\$	-
9/10/2019	13	738.95	136.95	\$54.70	\$7,491	586	16		73	19	24	27	\$	7,491	\$	5,142	\$	2,349
9/10/2019	14	758.338	84.34	\$61.80	\$5,212	604	70		73	69	67	70	\$	5,212	\$	5,212	\$	-
9/10/2019	15	752.368	78.37	\$74.01	\$5,800	603	71		72	69	70	72	\$	5,800	\$	5,800	\$	-
9/10/2019	16	780.581	103.58	\$72.41	\$7,500	606	71		73	70	68	71	\$	7,500	\$	6,807	\$	694
9/10/2019	17	773.751	98.75	\$48.16	\$4,756	603	72		73	69	71	72	\$	4,756	\$	4,527	\$	229
9/10/2019	18	749.353	0	\$0.00	\$0	605	71		74	70	69	70	\$	-	\$	-	\$	-
9/10/2019	19	731.861	0	\$0.00	\$0	603	75		73	74	73	73	\$	-	\$	-	\$	-
9/10/2019	20	691.771	0	\$0.00	\$0	603	64		77	64	62	61	\$	-	\$	-	\$	-
9/10/2019	21	637.803			\$0	604	56		78	55	54	8	\$	-	\$	-	\$	-
9/10/2019	22	586.601			\$0	596	6		79	10	8		\$	-	\$	-	\$	-
9/10/2019	23	544.217	0	\$0.00	\$0	598			55				\$	-	\$	-	\$	-
9/11/2019	0	514.803	0	\$0.00	\$0	575							\$	-	\$	-	\$	-
9/11/2019	1	489.398	0	\$0.00	\$0	508							\$	-	\$	-	\$	-
9/11/2019	2	477.095	68.1	\$18.60	\$1,267	409							\$	1,267	\$	1,267	\$	-
9/11/2019	3	481.127	114.13	\$18.56	\$2,118	367							\$	2,118	\$	1,745	\$	374
9/11/2019	4	502.294	112.29	\$20.10	\$2,257	390							\$	2,257	\$	1,889	\$	368
9/11/2019	5	549.323	99.32	\$23.13	\$2,297	450							\$	2,297	\$	2,174	\$	123
9/11/2019	6	574.655			\$0	538		60					\$	-	\$	-	\$	-
9/11/2019	7	575.991			\$0	550		78					\$	-	\$	-	\$	-
9/11/2019	8	591.503			\$0	603		72					\$	-	\$	-	\$	-
9/11/2019	9	617.346			\$0	604		65					\$	-	\$	-	\$	-
9/11/2019	10	645.995			\$0	603		58					\$	-	\$	-	\$	-
9/11/2019	11	688.969	0	\$0.00	\$0	603	64		63	62	59		\$	-	\$	-	\$	-
9/11/2019	12	730.808	15.81	\$45.54	\$720	604	70	41	70	70	69		\$	720	\$	720	\$	-
9/11/2019	13	761.073	48.07	\$53.56	\$2,575	603	72	39	71	71	69		\$	2,575	\$	2,575	\$	-
9/11/2019	14	781.483	21.48	\$62.79	\$1,349	604	72	15	69	70	68	51	\$	1,349	\$	1,349	\$	-
9/11/2019	15	790.118	45.12	\$75.84	\$3,422	602	72		71	71	69	54	\$	3,422	\$	3,422	\$	-
9/11/2019	16	791.024	45.02	\$62.60	\$2,818	604	71		71	70	65	66	\$	2,818	\$	2,818	\$	-
9/11/2019	17	775.895	37.89	\$42.45	\$1,608	605	67		66	65	57	61	\$	1,608	\$	1,608	\$	-
9/11/2019	18	749.022	0	\$0.00	\$0	604	56		55	56	59	58	\$	-	\$	-	\$	-
9/11/2019	19	731.813	0	\$0.00	\$0	605	32		33	32	35	33	\$	-	\$	-	\$	-
9/11/2019	20	690.923	86.92	\$32.68	\$2,841	604							\$	2,841	\$	2,841	\$	-
9/11/2019	21	634.58	32.58	\$27.51	\$896	602							\$	896	\$	896	\$	-
9/11/2019	22	582.407			\$0	603							\$	-	\$	-	\$	-
9/11/2019	23	544.229			\$0	598							\$	-	\$	-	\$	-
9/12/2019	0	514.99			\$0	542							\$	-	\$	-	\$	-
9/12/2019	1	490.479	16.48	\$19.78	\$326	474							\$	326	\$	326	\$	-
9/12/2019	2	473.778	87.78	\$19.37	\$1,700	386							\$	1,700	\$	1,700	\$	-
9/12/2019	3	473.775	106.78	\$19.49	\$2,081	367							\$	2,081	\$	1,832	\$	249
9/12/2019	4	487.517	118.52	\$21.18	\$2,510	369							\$	2,510	\$	1,991	\$	519
9/12/2019	5	531.603	110.6	\$24.09	\$2,664	421							\$	2,664	\$	2,264	\$	400
9/12/2019	6	552.118	59.12	\$23.74	\$1,404	493							\$	1,404	\$	1,404	\$	-
9/12/2019	7	573.675	14.68	\$24.99	\$367	559							\$	367	\$	367	\$	-

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
9/12/2019	8	616.965	19.97	\$28.00	\$559	597							\$ 559	\$ 559	\$ -
9/12/2019	9	664.297	60.3	\$32.91	\$1,984	604							\$ 1,984	\$ 1,984	\$ -
9/12/2019	10	704.58	0	\$0.00	\$0	604	29	33	24	36	36	38	\$ -	\$ -	\$ -
9/12/2019	11	737.775	0	\$0.00	\$0	587	61	63	60	59	59	57	\$ -	\$ -	\$ -
9/12/2019	12	759.959	0	\$0.00	\$0	603	70	72	71	70	70	67	\$ -	\$ -	\$ -
9/12/2019	13	780.417	0	\$0.00	\$0	604	72	69	71	71	69	66	\$ -	\$ -	\$ -
9/12/2019	14	797.889	0	\$0.00	\$0	603	72	70	70	70	67	67	\$ -	\$ -	\$ -
9/12/2019	15	790.949	0	\$0.00	\$0	604	72	70	70	70	68	68	\$ -	\$ -	\$ -
9/12/2019	16	791.115	0	\$0.00	\$0	603	72	70	71	69	66	65	\$ -	\$ -	\$ -
9/12/2019	17	782.519	0	\$0.00	\$0	603	70	69	69	68	65	65	\$ -	\$ -	\$ -
9/12/2019	18	758.115	0	\$0.00	\$0	602	28	28	30	32	30	30	\$ -	\$ -	\$ -
9/12/2019	19	740.301	136.3	\$39.06	\$5,324	604							\$ 5,324	\$ 3,672	\$ 1,652
9/12/2019	20	704.248	104.25	\$31.55	\$3,289	600							\$ 3,289	\$ 2,966	\$ 323
9/12/2019	21	653.117	49.12	\$25.01	\$1,228	604							\$ 1,228	\$ 1,228	\$ -
9/12/2019	22	602.267			\$0	603							\$ -	\$ -	\$ -
9/12/2019	23	560.659	0	\$0.00	\$0	602							\$ -	\$ -	\$ -
9/13/2019	0	529.229	0	\$0.00	\$0	565							\$ -	\$ -	\$ -
9/13/2019	1	486.916	0.92	\$19.25	\$18	486							\$ 18	\$ 18	\$ -
9/13/2019	2	486.267	90.27	\$18.64	\$1,683	396							\$ 1,683	\$ 1,683	\$ -
9/13/2019	3	485.188	115.19	\$18.85	\$2,171	370							\$ 2,171	\$ 1,772	\$ 399
9/13/2019	4	498.84	113.84	\$20.92	\$2,382	385							\$ 2,382	\$ 1,966	\$ 415
9/13/2019	5	538.228	106.23	\$23.90	\$2,539	432							\$ 2,539	\$ 2,247	\$ 292
9/13/2019	6	557.794	40.79	\$23.95	\$977	517							\$ 977	\$ 977	\$ -
9/13/2019	7	578.362	34.36	\$23.66	\$813	544							\$ 813	\$ 813	\$ -
9/13/2019	8	620.559	41.56	\$25.96	\$1,079	579							\$ 1,079	\$ 1,079	\$ -
9/13/2019	9	670.713	69.71	\$28.24	\$1,969	601							\$ 1,969	\$ 1,969	\$ -
9/13/2019	10	714.898	109.9	\$34.76	\$3,820	605							\$ 3,820	\$ 3,267	\$ 553
9/13/2019	11	751.04	0	\$0.00	\$0	600	30	41	20	48	39	46	\$ -	\$ -	\$ -
9/13/2019	12	778.45			\$0	605	67	69	66	66	66	64	\$ -	\$ -	\$ -
9/13/2019	13	795.116	57.12	\$50.15	\$2,865	604	67	67	66	66	62	62	\$ 2,865	\$ 2,865	\$ -
9/13/2019	14	805.947	59.95	\$50.19	\$3,009	603	72	71	70	71	56	38	\$ 3,009	\$ 3,009	\$ -
9/13/2019	15	800.971	65.97	\$55.55	\$3,665	603	66	66	71	70	53		\$ 3,665	\$ 3,665	\$ -
9/13/2019	16	792.028	79.03	\$45.27	\$3,578	603	55	55	70	71	52		\$ 3,578	\$ 3,578	\$ -
9/13/2019	17	771.529	0	\$0.00	\$0	587	55	57	67	68	53		\$ -	\$ -	\$ -
9/13/2019	18	737.268	0	\$0.00	\$0	595	39	41	41	40	39		\$ -	\$ -	\$ -
9/13/2019	19	715.795	113.8	\$29.49	\$3,356	602							\$ 3,356	\$ 2,772	\$ 584
9/13/2019	20	683.247	85.25	\$24.63	\$2,100	598							\$ 2,100	\$ 2,100	\$ -
9/13/2019	21	646.037	70.04	\$22.40	\$1,569	576							\$ 1,569	\$ 1,569	\$ -
9/13/2019	22	603.084	57.08	\$20.45	\$1,167	546							\$ 1,167	\$ 1,167	\$ -
9/13/2019	23	554.952	82.95	\$20.20	\$1,676	472							\$ 1,676	\$ 1,676	\$ -
9/14/2019	0	516.669	105.67	\$20.09	\$2,123	411							\$ 2,123	\$ 1,888	\$ 234
9/14/2019	1	486.362	105.36	\$19.10	\$2,012	381							\$ 2,012	\$ 1,795	\$ 217
9/14/2019	2	464.91	108.91	\$18.52	\$2,017	356							\$ 2,017	\$ 1,741	\$ 276
9/14/2019	3	450.333	84.33	\$18.59	\$1,568	366							\$ 1,568	\$ 1,568	\$ -
9/14/2019	4	444.509	79.51	\$19.00	\$1,511	365							\$ 1,511	\$ 1,511	\$ -
9/14/2019	5	443.262	76.26	\$19.85	\$1,514	367							\$ 1,514	\$ 1,514	\$ -
9/14/2019	6	444.033	78.03	\$20.10	\$1,568	366							\$ 1,568	\$ 1,568	\$ -
9/14/2019	7	465.461	99.46	\$21.83	\$2,171	366							\$ 2,171	\$ 2,052	\$ 119
9/14/2019	8	491.876	93.88	\$23.19	\$2,177	398							\$ 2,177	\$ 2,177	\$ -
9/14/2019	9	520.364	89.36	\$24.98	\$2,232	431							\$ 2,232	\$ 2,232	\$ -
9/14/2019	10	541.837	65.84	\$26.84	\$1,767	476							\$ 1,767	\$ 1,767	\$ -
9/14/2019	11	562.444	46.44	\$28.97	\$1,345	516							\$ 1,345	\$ 1,345	\$ -
9/14/2019	12	571.114	8.11	\$35.65	\$289	563							\$ 289	\$ 289	\$ -
9/14/2019	13	578.136			\$0	602							\$ -	\$ -	\$ -
9/14/2019	14	586.301	1.3	\$42.36	\$55	585							\$ 55	\$ 55	\$ -
9/14/2019	15	598.126			\$0	602							\$ -	\$ -	\$ -

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Demand (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)				
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6			
9/14/2019	16	603.075	0.08	\$39.80	\$3	603						\$	3	\$	3	\$	-	
9/14/2019	17	594.22			\$0	604						\$	-	\$	-	\$	-	
9/14/2019	18	566.662			\$0	604						\$	-	\$	-	\$	-	
9/14/2019	19	551.805			\$0	597						\$	-	\$	-	\$	-	
9/14/2019	20	523.259			\$0	572						\$	-	\$	-	\$	-	
9/14/2019	21	487.671			\$0	562						\$	-	\$	-	\$	-	
9/14/2019	22	452.123			\$0	569						\$	-	\$	-	\$	-	
9/14/2019	23	417.984	0	\$0.00	\$0	491						\$	-	\$	-	\$	-	
9/15/2019	0	394.678	3.68	\$18.82	\$69	391						\$	69	\$	69	\$	-	
9/15/2019	1	376.067	10.07	\$17.25	\$174	366						\$	174	\$	174	\$	-	
9/15/2019	2	363.272			\$0	366						\$	-	\$	-	\$	-	
9/15/2019	3	357.364			\$0	365						\$	-	\$	-	\$	-	
9/15/2019	4	356.346			\$0	366						\$	-	\$	-	\$	-	
9/15/2019	5	360.402			\$0	367						\$	-	\$	-	\$	-	
9/15/2019	6	363.529			\$0	365						\$	-	\$	-	\$	-	
9/15/2019	7	388.233	24.23	\$18.46	\$447	364						\$	447	\$	447	\$	-	
9/15/2019	8	424.67	59.67	\$20.59	\$1,229	365						\$	1,229	\$	1,229	\$	-	
9/15/2019	9	461.102	83.1	\$22.17	\$1,842	378						\$	1,842	\$	1,842	\$	-	
9/15/2019	10	492.289	127.29	\$23.78	\$3,027	365						\$	3,027	\$	2,235	\$	792	
9/15/2019	11	518.363	129.36	\$26.65	\$3,447	389						\$	3,447	\$	2,505	\$	942	
9/15/2019	12	545.694	104.69	\$30.53	\$3,196	441						\$	3,196	\$	2,870	\$	326	
9/15/2019	13	576.063	75.06	\$35.28	\$2,648	501						\$	2,648	\$	2,648	\$	-	
9/15/2019	14	597.761	45.76	\$36.42	\$1,667	552						\$	1,667	\$	1,667	\$	-	
9/15/2019	15	626.13	32.13	\$43.91	\$1,411	594						\$	1,411	\$	1,411	\$	-	
9/15/2019	16	636.938	34.94	\$45.07	\$1,575	602						\$	1,575	\$	1,575	\$	-	
9/15/2019	17	632.195	29.2	\$36.70	\$1,072	603						\$	1,072	\$	1,072	\$	-	
9/15/2019	18	610.748	7.75	\$36.83	\$285	603						\$	285	\$	285	\$	-	
9/15/2019	19	599.872			\$0	600						\$	-	\$	-	\$	-	
9/15/2019	20	567.45			\$0	596						\$	-	\$	-	\$	-	
9/15/2019	21	526.151			\$0	559						\$	-	\$	-	\$	-	
9/15/2019	22	484.813			\$0	506						\$	-	\$	-	\$	-	
9/15/2019	23	451.785	24.79	\$19.90	\$493	427						\$	493	\$	493	\$	-	
9/16/2019	0	427.53	58.53	\$19.05	\$1,115	369						\$	1,115	\$	1,115	\$	-	
9/16/2019	1	413.726	47.73	\$17.86	\$852	366						\$	852	\$	852	\$	-	
9/16/2019	2	407.85	42.85	\$17.14	\$734	365						\$	734	\$	734	\$	-	
9/16/2019	3	412.803	45.8	\$17.64	\$808	367						\$	808	\$	808	\$	-	
9/16/2019	4	432.33	64.33	\$19.67	\$1,265	368						\$	1,265	\$	1,265	\$	-	
9/16/2019	5	478.604	87.6	\$22.36	\$1,959	391						\$	1,959	\$	1,959	\$	-	
9/16/2019	6	503.875	87.88	\$22.62	\$1,988	416						\$	1,988	\$	1,988	\$	-	
9/16/2019	7	520.148	56.15	\$23.45	\$1,317	464						\$	1,317	\$	1,317	\$	-	
9/16/2019	8	554.32	6.32	\$26.75	\$169	548						\$	169	\$	169	\$	-	
9/16/2019	9	598.434			\$0	600						\$	-	\$	-	\$	-	
9/16/2019	10	641.64	40.64	\$31.41	\$1,277	601						\$	1,277	\$	1,277	\$	-	
9/16/2019	11	679.968	76.97	\$35.49	\$2,732	603						\$	2,732	\$	2,732	\$	-	
9/16/2019	12	718.074	113.07	\$40.10	\$4,534	605						\$	4,534	\$	3,769	\$	765	
9/16/2019	13	749.376	120.38	\$46.57	\$5,606	587	42	42	37	38	36	34	\$	5,606	\$	4,378	\$	1,229
9/16/2019	14	763.954	37.95	\$56.39	\$2,140	604	59	63	62	61	61	58	\$	2,140	\$	2,140	\$	-
9/16/2019	15	765.759	29.76	\$68.35	\$2,034	604	64	68	67	67	66	64	\$	2,034	\$	2,034	\$	-
9/16/2019	16	759.957	148.96	\$55.66	\$8,291	605	1	5	60	59	57	57	\$	8,291	\$	5,232	\$	3,059
9/16/2019	17	743.473	69.47	\$39.38	\$2,736	605			20	20	15	14	\$	2,736	\$	2,736	\$	-
9/16/2019	18	719.128	116.13	\$35.28	\$4,097	603							\$	4,097	\$	3,316	\$	781
9/16/2019	19	703.513	102.51	\$33.95	\$3,480	601							\$	3,480	\$	3,191	\$	289
9/16/2019	20	664.517	63.52	\$27.56	\$1,751	601							\$	1,751	\$	1,751	\$	-
9/16/2019	21	613.546	13.55	\$23.90	\$324	600							\$	324	\$	324	\$	-
9/16/2019	22	561.719			\$0	598							\$	-	\$	-	\$	-
9/16/2019	23	523.617	0	\$0.00	\$0	531							\$	-	\$	-	\$	-

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)							Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)			
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6						
9/17/2019	0	494.322	46.32	\$19.59	\$907	448							\$	907	\$	907	\$	-
9/17/2019	1	469.892	65.89	\$18.68	\$1,231	404							\$	1,231	\$	1,231	\$	-
9/17/2019	2	452.151	84.15	\$18.06	\$1,520	368							\$	1,520	\$	1,520	\$	-
9/17/2019	3	449.197	83.2	\$18.43	\$1,533	366							\$	1,533	\$	1,533	\$	-
9/17/2019	4	462.96	87.96	\$20.18	\$1,775	375							\$	1,775	\$	1,775	\$	-
9/17/2019	5	501.28	48.28	\$23.70	\$1,144	453							\$	1,144	\$	1,144	\$	-
9/17/2019	6	520.862		\$0	\$0	522							\$	-	\$	-	\$	-
9/17/2019	7	538.335		\$0	\$0	594							\$	-	\$	-	\$	-
9/17/2019	8	566.728		\$0	\$0	603							\$	-	\$	-	\$	-
9/17/2019	9	597.008		\$0	\$0	602							\$	-	\$	-	\$	-
9/17/2019	10	622.649	18.65	\$28.84	\$538	604							\$	538	\$	538	\$	-
9/17/2019	11	647.109	53.11	\$31.37	\$1,666	594							\$	1,666	\$	1,666	\$	-
9/17/2019	12	674.707	73.71	\$34.63	\$2,553	585							\$	2,553	\$	2,553	\$	-
9/17/2019	13	681.219	0	\$0.00	\$0	599	2	5	8			1	\$	-	\$	-	\$	-
9/17/2019	14	693.888	27.89	\$43.14	\$1,203	602	66	69	66	58	63	61	\$	1,203	\$	1,203	\$	-
9/17/2019	15	699.777	63.78	\$44.85	\$2,861	604	64	64	62	64	61	60	\$	2,861	\$	2,861	\$	-
9/17/2019	16	693.969	0	\$0.00	\$0	604	32	32	32	62	60	59	\$	2,861	\$	2,861	\$	-
9/17/2019	17	678.372	33.37	\$33.69	\$1,124	605				70	66	66	\$	-	\$	-	\$	-
9/17/2019	18	654.823	51.82	\$32.10	\$1,663	603				14	14	12	\$	1,124	\$	1,124	\$	-
9/17/2019	19	640.153	38.15	\$29.67	\$1,132	602							\$	1,663	\$	1,663	\$	-
9/17/2019	20	600.802		\$0	\$0	601							\$	1,132	\$	1,132	\$	-
9/17/2019	21	551.567		\$0	\$0	579							\$	-	\$	-	\$	-
9/17/2019	22	503.467		\$0	\$0	569							\$	-	\$	-	\$	-
9/17/2019	23	468.041	0	\$0.00	\$0	521							\$	-	\$	-	\$	-
9/18/2019	0	443.649	0	\$0.00	\$0	473							\$	-	\$	-	\$	-
9/18/2019	1	424.083	12.08	\$17.57	\$212	412							\$	212	\$	212	\$	-
9/18/2019	2	411.3	44.3	\$17.19	\$762	367							\$	762	\$	762	\$	-
9/18/2019	3	413.19	47.19	\$17.50	\$826	366							\$	826	\$	826	\$	-
9/18/2019	4	430.953	62.95	\$19.50	\$1,228	368							\$	826	\$	826	\$	-
9/18/2019	5	470.006	102.01	\$22.84	\$2,330	368							\$	1,228	\$	1,228	\$	-
9/18/2019	6	488.561	119.56	\$22.54	\$2,695	369							\$	2,330	\$	2,147	\$	183
9/18/2019	7	506.453	139.45	\$22.46	\$3,132	367							\$	2,695	\$	2,119	\$	576
9/18/2019	8	533.217	152.22	\$23.40	\$3,562	381							\$	3,132	\$	2,111	\$	1,021
9/18/2019	9	565.53	126.53	\$25.15	\$3,182	439							\$	3,562	\$	2,200	\$	1,362
9/18/2019	10	596.798	76.8	\$27.14	\$2,084	520							\$	3,182	\$	2,364	\$	818
9/18/2019	11	631.217	72.22	\$29.65	\$2,141	559							\$	2,084	\$	2,084	\$	-
9/18/2019	12	664.585	81.59	\$38.42	\$3,135	583							\$	2,141	\$	2,141	\$	-
9/18/2019	13	688.246	84.25	\$41.94	\$3,533	604							\$	3,135	\$	3,135	\$	-
9/18/2019	14	710.751	108.75	\$48.20	\$5,242	602							\$	3,533	\$	3,533	\$	-
9/18/2019	15	717.537	95.54	\$57.61	\$5,504	604							\$	5,242	\$	4,531	\$	711
9/18/2019	16	711.352	0	\$0.00	\$0	604				7	5	1	\$	5,504	\$	5,415	\$	89
9/18/2019	17	689.883	0	\$0.00	\$0	603				70	70	67	\$	-	\$	-	\$	-
9/18/2019	18	661.624	0	\$0.00	\$0	601				64	64	64	\$	-	\$	-	\$	-
9/18/2019	19	646.805	46.81	\$29.67	\$1,389	600				27	25	24	\$	-	\$	-	\$	-
9/18/2019	20	608.447	23.45	\$25.16	\$590	585							\$	1,389	\$	1,389	\$	-
9/18/2019	21	557.496	26.5	\$22.18	\$588	531							\$	590	\$	590	\$	-
9/18/2019	22	506.589	21.59	\$20.24	\$437	485							\$	588	\$	588	\$	-
9/18/2019	23	465.402	29.4	\$17.89	\$526	436							\$	437	\$	437	\$	-
9/19/2019	0	438.099	70.1	\$17.44	\$1,223	368							\$	526	\$	526	\$	-
9/19/2019	1	419.434	54.43	\$16.53	\$900	365							\$	1,223	\$	1,223	\$	-
9/19/2019	2	407.572	41.57	\$16.05	\$667	366							\$	900	\$	900	\$	-
9/19/2019	3	411.492	44.49	\$16.61	\$739	367							\$	667	\$	667	\$	-
9/19/2019	4	428.161	63.16	\$17.83	\$1,126	365							\$	739	\$	739	\$	-
9/19/2019	5	467.068	97.07	\$21.41	\$2,078	370							\$	1,126	\$	1,126	\$	-
9/19/2019	6	487.922	118.92	\$21.76	\$2,588	369							\$	2,078	\$	2,013	\$	66
9/19/2019	7	498.765	132.77	\$21.89	\$2,906	366							\$	2,588	\$	2,045	\$	542
													\$	2,906	\$	2,058	\$	849



Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)	
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6
9/19/2019	8	526.426	147.43	\$23.05	\$3,398	379							\$ 3,398	\$ 2,167	\$ 1,232
9/19/2019	9	554.011	131.01	\$24.73	\$3,240	423							\$ 3,240	\$ 2,325	\$ 915
9/19/2019	10	593.317	122.32	\$27.75	\$3,394	471							\$ 3,394	\$ 2,609	\$ 786
9/19/2019	11	627.727	103.73	\$29.65	\$3,076	524							\$ 3,076	\$ 2,787	\$ 288
9/19/2019	12	664.951	80.95	\$36.37	\$2,944	584							\$ 2,944	\$ 2,944	\$ -
9/19/2019	13	695.312	93.31	\$40.05	\$3,737	602							\$ 3,737	\$ 3,737	\$ -
9/19/2019	14	712.819	108.82	\$45.31	\$4,931	604							\$ 4,931	\$ 4,259	\$ 671
9/19/2019	15	718.017	114.02	\$49.49	\$5,643	604							\$ 5,643	\$ 4,652	\$ 991
9/19/2019	16	715.055	69.06	\$45.11	\$3,115	600		43	3	2	41		\$ 3,115	\$ 3,115	\$ -
9/19/2019	17	700.484	0	\$0.00	\$0	602		22	60	59	14		\$ -	\$ -	\$ -
9/19/2019	18	683.733	63.73	\$33.03	\$2,105	605			6	9			\$ 2,105	\$ 2,105	\$ -
9/19/2019	19	675.772	73.77	\$29.95	\$2,209	602							\$ 2,209	\$ 2,209	\$ -
9/19/2019	20	641.545	42.55	\$25.12	\$1,069	599							\$ 1,069	\$ 1,069	\$ -
9/19/2019	21	592.532	21.53	\$22.11	\$476	571							\$ 476	\$ 476	\$ -
9/19/2019	22	543.459	52.46	\$19.83	\$1,040	491							\$ 1,040	\$ 1,040	\$ -
9/19/2019	23	506.086	105.09	\$18.22	\$1,915	401							\$ 1,915	\$ 1,713	\$ 202
9/20/2019	0	475.8	108.8	\$17.52	\$1,906	367							\$ 1,906	\$ 1,647	\$ 259
9/20/2019	1	454.254	98.25	\$16.58	\$1,629	356							\$ 1,629	\$ 1,559	\$ 70
9/20/2019	2	441.554	75.55	\$15.92	\$1,203	366							\$ 1,203	\$ 1,203	\$ -
9/20/2019	3	442.521	75.52	\$16.38	\$1,237	367							\$ 1,237	\$ 1,237	\$ -
9/20/2019	4	457.963	91.96	\$18.24	\$1,677	366							\$ 1,677	\$ 1,677	\$ -
9/20/2019	5	496.148	124.15	\$21.16	\$2,627	372							\$ 2,627	\$ 1,989	\$ 638
9/20/2019	6	512.993	118.99	\$21.68	\$2,580	394							\$ 2,580	\$ 2,038	\$ 542
9/20/2019	7	525.81	150.81	\$22.02	\$3,321	375							\$ 3,321	\$ 2,070	\$ 1,251
9/20/2019	8	561.264	165.26	\$23.27	\$3,846	396							\$ 3,846	\$ 2,187	\$ 1,658
9/20/2019	9	596.588	146.59	\$24.30	\$3,562	450							\$ 3,562	\$ 2,284	\$ 1,278
9/20/2019	10	620.053	116.05	\$26.05	\$3,023	504							\$ 3,023	\$ 2,449	\$ 574
9/20/2019	11	642.632	98.63	\$29.25	\$2,885	544							\$ 2,885	\$ 2,750	\$ 135
9/20/2019	12	673.034	92.03	\$32.78	\$3,017	580			1				\$ 3,017	\$ 3,017	\$ -
9/20/2019	13	700.486	0	\$0.00	\$0	601		57	60	59	55		\$ -	\$ -	\$ -
9/20/2019	14	718.086	49.09	\$40.65	\$1,996	602		67	68	67	65		\$ 1,996	\$ 1,996	\$ -
9/20/2019	15	721.844	47.84	\$44.88	\$2,147	604		70	69	69	66		\$ 2,147	\$ 2,147	\$ -
9/20/2019	16	714.823	40.82	\$39.88	\$1,628	603		71	70	67	67		\$ 1,628	\$ 1,628	\$ -
9/20/2019	17	690.345	0	\$0.00	\$0	604		53	50	51	49		\$ -	\$ -	\$ -
9/20/2019	18	658.889	58.89	\$29.77	\$1,753	600							\$ 1,753	\$ 1,753	\$ -
9/20/2019	19	641.134	55.13	\$27.64	\$1,524	586							\$ 1,524	\$ 1,524	\$ -
9/20/2019	20	613.673	21.67	\$23.73	\$514	592							\$ 514	\$ 514	\$ -
9/20/2019	21	576.391	13.39	\$22.06	\$295	563							\$ 295	\$ 295	\$ -
9/20/2019	22	538.19	33.19	\$20.05	\$665	505							\$ 665	\$ 665	\$ -
9/20/2019	23	501.912	44.91	\$19.14	\$860	457							\$ 860	\$ 860	\$ -
9/21/2019	0	471.61	86.61	\$18.46	\$1,599	385							\$ 1,599	\$ 1,599	\$ -
9/21/2019	1	447.141	82.14	\$17.58	\$1,444	365							\$ 1,444	\$ 1,444	\$ -
9/21/2019	2	431.407	65.41	\$16.63	\$1,088	366							\$ 1,088	\$ 1,088	\$ -
9/21/2019	3	425.518	61.52	\$16.12	\$992	364							\$ 992	\$ 992	\$ -
9/21/2019	4	424.538	58.54	\$17.05	\$998	366							\$ 998	\$ 998	\$ -
9/21/2019	5	434.351	68.35	\$18.17	\$1,242	366							\$ 1,242	\$ 1,242	\$ -
9/21/2019	6	446.278	80.28	\$18.49	\$1,484	366							\$ 1,484	\$ 1,484	\$ -
9/21/2019	7	472.808	106.81	\$19.95	\$2,131	366							\$ 2,131	\$ 1,875	\$ 256
9/21/2019	8	515.956	140.96	\$21.57	\$3,041	375							\$ 3,041	\$ 2,028	\$ 1,013
9/21/2019	9	553.133	177.13	\$22.21	\$3,934	376							\$ 3,934	\$ 2,088	\$ 1,846
9/21/2019	10	590.451	170.45	\$25.08	\$4,275	420							\$ 4,275	\$ 2,358	\$ 1,917
9/21/2019	11	625.714	176.71	\$27.99	\$4,946	449							\$ 4,946	\$ 2,631	\$ 2,315
9/21/2019	12	651.03	119.03	\$30.71	\$3,655	509							\$ 3,655	\$ 2,887	\$ 769
9/21/2019	13	664.645	20.65	\$33.60	\$694	571		23					\$ 694	\$ 694	\$ -
9/21/2019	14	675.323		\$0	\$0	604		72					\$ -	\$ -	\$ -
9/21/2019	15	685.198	27.2	\$42.81	\$1,164	586		72					\$ 1,164	\$ 1,164	\$ -

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)			
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6		
9/21/2019	16	682.263	7.26	\$39.42	\$286	603		72				\$	286	\$	286	\$	-
9/21/2019	17	660.769	0	\$0.00	\$0	602		71				\$	-	\$	-	\$	-
9/21/2019	18	631.429			\$0	606		72				\$	-	\$	-	\$	-
9/21/2019	19	611.82			\$0	603		66				\$	-	\$	-	\$	-
9/21/2019	20	579.194			\$0	602		58				\$	-	\$	-	\$	-
9/21/2019	21	541.706	0	\$0.00	\$0	598						\$	-	\$	-	\$	-
9/21/2019	22	503.321	0	\$0.00	\$0	594						\$	-	\$	-	\$	-
9/21/2019	23	468.968	0	\$0.00	\$0	526						\$	-	\$	-	\$	-
9/22/2019	0	438.733	15.73	\$17.21	\$271	423						\$	271	\$	271	\$	-
9/22/2019	1	414.342	46.34	\$16.28	\$754	368						\$	754	\$	754	\$	-
9/22/2019	2	398.659	32.66	\$15.09	\$493	366						\$	493	\$	493	\$	-
9/22/2019	3	390.828	25.83	\$14.53	\$375	365						\$	375	\$	375	\$	-
9/22/2019	4	387.859	21.86	\$14.70	\$321	366						\$	321	\$	321	\$	-
9/22/2019	5	389.784	24.78	\$15.11	\$374	365						\$	374	\$	374	\$	-
9/22/2019	6	392.778	28.78	\$15.59	\$449	364						\$	449	\$	449	\$	-
9/22/2019	7	413.441	48.44	\$17.22	\$834	365						\$	834	\$	834	\$	-
9/22/2019	8	456.569	84.57	\$19.94	\$1,686	372						\$	1,686	\$	1,686	\$	-
9/22/2019	9	504.513	107.51	\$21.47	\$2,308	397						\$	2,308	\$	2,018	\$	290
9/22/2019	10	548.685	59.69	\$23.92	\$1,428	489						\$	1,428	\$	1,428	\$	-
9/22/2019	11	584.941	51.94	\$27.21	\$1,413	533						\$	1,413	\$	1,413	\$	-
9/22/2019	12	610.251	16.25	\$29.80	\$484	594						\$	484	\$	484	\$	-
9/22/2019	13	630.738			\$0	603		36				\$	-	\$	-	\$	-
9/22/2019	14	650.301			\$0	602		68				\$	-	\$	-	\$	-
9/22/2019	15	666.09			\$0	603		71				\$	-	\$	-	\$	-
9/22/2019	16	672.973			\$0	604		69				\$	-	\$	-	\$	-
9/22/2019	17	663.279	0	\$0.00	\$0	603		66				\$	-	\$	-	\$	-
9/22/2019	18	637.785	0	\$0.00	\$0	603		68				\$	-	\$	-	\$	-
9/22/2019	19	623.032			\$0	604		59				\$	-	\$	-	\$	-
9/22/2019	20	589.847			\$0	602		61				\$	-	\$	-	\$	-
9/22/2019	21	548.574			\$0	584		1				\$	-	\$	-	\$	-
9/22/2019	22	507.355			\$0	591						\$	-	\$	-	\$	-
9/22/2019	23	472.078	0	\$0.00	\$0	552						\$	-	\$	-	\$	-
9/23/2019	0	450.643	0	\$0.00	\$0	463						\$	-	\$	-	\$	-
9/23/2019	1	438.086	63.09	\$18.02	\$1,137	375						\$	1,137	\$	1,137	\$	-
9/23/2019	2	432.268	65.27	\$16.64	\$1,086	367						\$	1,086	\$	1,086	\$	-
9/23/2019	3	454.07	88.07	\$17.58	\$1,548	366						\$	1,548	\$	1,548	\$	-
9/23/2019	4	482.602	100.6	\$19.59	\$1,971	382						\$	1,971	\$	1,841	\$	129
9/23/2019	5	536.615	105.62	\$23.12	\$2,442	431						\$	2,442	\$	2,173	\$	269
9/23/2019	6	569.094	134.09	\$22.49	\$3,016	435						\$	3,016	\$	2,114	\$	902
9/23/2019	7	571.809	175.81	\$22.34	\$3,928	396						\$	3,928	\$	2,100	\$	1,828
9/23/2019	8	584.549	156.55	\$24.96	\$3,907	428						\$	3,907	\$	2,346	\$	1,561
9/23/2019	9	598.308	83.31	\$27.44	\$2,286	515						\$	2,286	\$	2,286	\$	-
9/23/2019	10	605.896	33.9	\$28.74	\$974	572						\$	974	\$	974	\$	-
9/23/2019	11	626.467	28.47	\$32.88	\$936	598						\$	936	\$	936	\$	-
9/23/2019	12	662.302	57.3	\$36.90	\$2,114	605						\$	2,114	\$	2,114	\$	-
9/23/2019	13	687.75	68.75	\$39.83	\$2,738	586		18	15			\$	2,738	\$	2,738	\$	-
9/23/2019	14	700.278			\$0	619		64	63			\$	-	\$	-	\$	-
9/23/2019	15	667.716			\$0	585		59	58			\$	-	\$	-	\$	-
9/23/2019	16	664.909			\$0	600		59	59			\$	-	\$	-	\$	-
9/23/2019	17	646.564	8.56	\$33.71	\$289	603		18	17			\$	289	\$	289	\$	-
9/23/2019	18	617.161	16.16	\$36.90	\$596	601						\$	596	\$	596	\$	-
9/23/2019	19	600.503			\$0	604						\$	-	\$	-	\$	-
9/23/2019	20	560.178			\$0	603						\$	-	\$	-	\$	-
9/23/2019	21	511.007			\$0	595						\$	-	\$	-	\$	-
9/23/2019	22	464.742			\$0	578						\$	-	\$	-	\$	-
9/23/2019	23	429.504	0	\$0.00	\$0	530						\$	-	\$	-	\$	-

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)			
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6		
9/24/2019	0	406.485	0	\$0.00	\$0	426						\$	-	\$	-	\$	-
9/24/2019	1	383.976	0	\$0.00	\$0	395						\$	-	\$	-	\$	-
9/24/2019	2	371.142	6.14	\$18.05	\$111	365						\$	111	\$	111	\$	-
9/24/2019	3	373.083	3.08	\$18.46	\$57	370						\$	57	\$	57	\$	-
9/24/2019	4	389.793	0	\$0.00	\$0	400						\$	-	\$	-	\$	-
9/24/2019	5	431.151			\$0	450						\$	-	\$	-	\$	-
9/24/2019	6	449.641			\$0	494		2				\$	-	\$	-	\$	-
9/24/2019	7	455.324			\$0	525		78				\$	-	\$	-	\$	-
9/24/2019	8	475.942			\$0	561		83				\$	-	\$	-	\$	-
9/24/2019	9	498.914			\$0	587		83				\$	-	\$	-	\$	-
9/24/2019	10	515.385			\$0	601		82				\$	-	\$	-	\$	-
9/24/2019	11	531.995			\$0	596		80				\$	-	\$	-	\$	-
9/24/2019	12	553.66			\$0	585		80				\$	-	\$	-	\$	-
9/24/2019	13	571.352			\$0	603		49				\$	-	\$	-	\$	-
9/24/2019	14	589.04			\$0	601						\$	-	\$	-	\$	-
9/24/2019	15	595.84			\$0	600						\$	-	\$	-	\$	-
9/24/2019	16	597.827			\$0	603						\$	-	\$	-	\$	-
9/24/2019	17	581.343			\$0	600						\$	-	\$	-	\$	-
9/24/2019	18	563.576			\$0	603						\$	-	\$	-	\$	-
9/24/2019	19	551.738			\$0	601						\$	-	\$	-	\$	-
9/24/2019	20	519.237			\$0	591						\$	-	\$	-	\$	-
9/24/2019	21	478.031			\$0	574						\$	-	\$	-	\$	-
9/24/2019	22	439.679	0	\$0.00	\$0	538						\$	-	\$	-	\$	-
9/24/2019	23	411.258	0	\$0.00	\$0	441						\$	-	\$	-	\$	-
9/25/2019	0	390.65	19.65	\$19.52	\$384	371						\$	384	\$	384	\$	-
9/25/2019	1	374.945	8.95	\$18.23	\$163	366						\$	163	\$	163	\$	-
9/25/2019	2	366.195	0.2	\$17.17	\$3	366						\$	3	\$	3	\$	-
9/25/2019	3	372.04	6.04	\$18.05	\$109	366						\$	109	\$	109	\$	-
9/25/2019	4	389.771	21.77	\$20.22	\$440	368						\$	440	\$	440	\$	-
9/25/2019	5	427.124	35.12	\$23.90	\$839	392						\$	839	\$	839	\$	-
9/25/2019	6	447.755	10.76	\$23.13	\$249	366			71			\$	249	\$	249	\$	-
9/25/2019	7	453.718	7.72	\$22.79	\$176	365			81			\$	176	\$	176	\$	-
9/25/2019	8	472.499	23.5	\$23.83	\$560	369			80			\$	560	\$	560	\$	-
9/25/2019	9	494.088			\$0	426			77			\$	-	\$	-	\$	-
9/25/2019	10	516.65			\$0	469			76			\$	-	\$	-	\$	-
9/25/2019	11	542.226			\$0	523			68			\$	-	\$	-	\$	-
9/25/2019	12	568.912			\$0	556			65			\$	-	\$	-	\$	-
9/25/2019	13	596.38			\$0	591			54			\$	-	\$	-	\$	-
9/25/2019	14	614.893			\$0	601			51			\$	-	\$	-	\$	-
9/25/2019	15	632.472			\$0	604			40			\$	-	\$	-	\$	-
9/25/2019	16	640.299			\$0	603			41			\$	-	\$	-	\$	-
9/25/2019	17	621.751			\$0	603			61			\$	-	\$	-	\$	-
9/25/2019	18	609.061			\$0	602			66			\$	-	\$	-	\$	-
9/25/2019	19	596.199			\$0	602			13			\$	-	\$	-	\$	-
9/25/2019	20	563.77			\$0	601						\$	-	\$	-	\$	-
9/25/2019	21	526.363			\$0	589						\$	-	\$	-	\$	-
9/25/2019	22	491.031			\$0	555						\$	-	\$	-	\$	-
9/25/2019	23	458.455	12.46	\$20.18	\$251	446						\$	251	\$	251	\$	-
9/26/2019	0	436.982	56.98	\$19.82	\$1,129	380						\$	1,129	\$	1,129	\$	-
9/26/2019	1	425.281	59.28	\$18.54	\$1,099	366						\$	1,099	\$	1,099	\$	-
9/26/2019	2	418.458	54.46	\$18.24	\$993	364						\$	993	\$	993	\$	-
9/26/2019	3	425.465	59.47	\$18.74	\$1,114	366						\$	1,114	\$	1,114	\$	-
9/26/2019	4	448.158	64.16	\$20.66	\$1,326	384						\$	1,326	\$	1,326	\$	-
9/26/2019	5	493.361	55.36	\$24.90	\$1,378	438						\$	1,378	\$	1,378	\$	-
9/26/2019	6	518.882	41.88	\$25.14	\$1,053	477						\$	1,053	\$	1,053	\$	-
9/26/2019	7	517.761			\$0	532						\$	-	\$	-	\$	-

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
9/26/2019	8	535.345			\$0	578							\$ -	\$ -	\$ -
9/26/2019	9	549.997			\$0	584							\$ -	\$ -	\$ -
9/26/2019	10	559.687			\$0	591							\$ -	\$ -	\$ -
9/26/2019	11	572.13			\$0	598							\$ -	\$ -	\$ -
9/26/2019	12	592.706			\$0	600							\$ -	\$ -	\$ -
9/26/2019	13	608.231	25.23	\$37.29	\$941	583							\$ 941	\$ 941	\$ -
9/26/2019	14	621.03	26.03	\$43.61	\$1,135	595							\$ 1,135	\$ 1,135	\$ -
9/26/2019	15	622.093	28.09	\$65.70	\$1,846	594		43	35				\$ 1,846	\$ 1,846	\$ -
9/26/2019	16	617.353	21.35	\$41.99	\$896	596		68	68				\$ 896	\$ 896	\$ -
9/26/2019	17	597.9			\$0	605		29	29				\$ -	\$ -	\$ -
9/26/2019	18	572.506			\$0	603							\$ -	\$ -	\$ -
9/26/2019	19	554.682			\$0	602							\$ -	\$ -	\$ -
9/26/2019	20	517.275			\$0	600							\$ -	\$ -	\$ -
9/26/2019	21	474.971			\$0	593							\$ -	\$ -	\$ -
9/26/2019	22	434.627			\$0	518							\$ -	\$ -	\$ -
9/26/2019	23	400.258	0	\$0.00	\$0	436							\$ -	\$ -	\$ -
9/27/2019	0	380.759	0	\$0.00	\$0	404							\$ -	\$ -	\$ -
9/27/2019	1	366.98	0	\$0.00	\$0	370							\$ -	\$ -	\$ -
9/27/2019	2	358.008			\$0	365							\$ -	\$ -	\$ -
9/27/2019	3	358.965	3.97	\$17.83	\$71	355							\$ 71	\$ 71	\$ -
9/27/2019	4	375.509	10.51	\$20.34	\$214	365							\$ 214	\$ 214	\$ -
9/27/2019	5	416.98	45.98	\$22.55	\$1,037	371							\$ 1,037	\$ 1,037	\$ -
9/27/2019	6	440.854	24.85	\$23.18	\$576	416							\$ 576	\$ 576	\$ -
9/27/2019	7	445.789	38.79	\$22.52	\$874	407							\$ 874	\$ 874	\$ -
9/27/2019	8	461.46	28.46	\$24.26	\$690	433							\$ 690	\$ 690	\$ -
9/27/2019	9	484.92			\$0	499							\$ -	\$ -	\$ -
9/27/2019	10	510.316			\$0	562							\$ -	\$ -	\$ -
9/27/2019	11	542.817			\$0	599							\$ -	\$ -	\$ -
9/27/2019	12	579.355			\$0	602							\$ -	\$ -	\$ -
9/27/2019	13	619.922	18.92	\$39.10	\$740	601							\$ 740	\$ 740	\$ -
9/27/2019	14	652.406	48.41	\$44.67	\$2,162	604		47	40				\$ 2,162	\$ 2,162	\$ -
9/27/2019	15	672.888	72.89	\$50.90	\$3,710	600		72	70				\$ 3,710	\$ 3,710	\$ -
9/27/2019	16	674.943	72.94	\$47.07	\$3,433	602		74	71				\$ 3,433	\$ 3,433	\$ -
9/27/2019	17	661.361	59.36	\$35.43	\$2,103	602		47	40				\$ 2,103	\$ 2,103	\$ -
9/27/2019	18	638.707	36.71	\$29.15	\$1,070	602							\$ 1,070	\$ 1,070	\$ -
9/27/2019	19	620.717	20.72	\$28.88	\$598	600							\$ 598	\$ 598	\$ -
9/27/2019	20	593.253			\$0	598							\$ -	\$ -	\$ -
9/27/2019	21	562.774			\$0	594							\$ -	\$ -	\$ -
9/27/2019	22	527.6			\$0	591							\$ -	\$ -	\$ -
9/27/2019	23	491.125	0	\$0.00	\$0	546							\$ -	\$ -	\$ -
9/28/2019	0	462.748	0	\$0.00	\$0	468							\$ -	\$ -	\$ -
9/28/2019	1	443.098	67.1	\$18.21	\$1,222	376							\$ 1,222	\$ 1,222	\$ -
9/28/2019	2	430.394	65.39	\$17.30	\$1,131	365							\$ 1,131	\$ 1,131	\$ -
9/28/2019	3	426.389	61.39	\$16.99	\$1,043	365							\$ 1,043	\$ 1,043	\$ -
9/28/2019	4	428.258	64.26	\$18.27	\$1,174	364							\$ 1,174	\$ 1,174	\$ -
9/28/2019	5	424.247	59.25	\$19.14	\$1,134	365							\$ 1,134	\$ 1,134	\$ -
9/28/2019	6	454.885	88.89	\$20.59	\$1,830	366							\$ 1,830	\$ 1,830	\$ -
9/28/2019	7	468.436	84.44	\$21.81	\$1,842	384							\$ 1,842	\$ 1,842	\$ -
9/28/2019	8	515.706	90.71	\$25.59	\$2,321	425							\$ 2,321	\$ 2,321	\$ -
9/28/2019	9	563.843	83.84	\$26.49	\$2,221	480							\$ 2,221	\$ 2,221	\$ -
9/28/2019	10	606.884	68.88	\$30.44	\$2,097	538							\$ 2,097	\$ 2,097	\$ -
9/28/2019	11	631.186	47.19	\$35.77	\$1,688	584							\$ 1,688	\$ 1,688	\$ -
9/28/2019	12	654.649	50.65	\$38.72	\$1,961	604							\$ 1,961	\$ 1,961	\$ -
9/28/2019	13	672.763	68.76	\$46.11	\$3,171	604							\$ 3,171	\$ 3,171	\$ -
9/28/2019	14	687.278	85.28	\$59.35	\$5,061	602							\$ 5,061	\$ 5,061	\$ -
9/28/2019	15	697.052	82.05	\$67.04	\$5,501	591		24	19				\$ 5,501	\$ 5,501	\$ -

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Demand (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)			
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6		
9/28/2019	16	690.247	45.25	\$59.42	\$2,689	583		62	60			\$	2,689	\$	2,689	\$	-
9/28/2019	17	663.019	10.02	\$40.19	\$403	598		55	54			\$	403	\$	403	\$	-
9/28/2019	18	642.713	39.71	\$36.49	\$1,449	601		1	1			\$	1,449	\$	1,449	\$	-
9/28/2019	19	625.211	23.21	\$35.71	\$829	602						\$	829	\$	829	\$	-
9/28/2019	20	595.671			\$0	603						\$	-	\$	-	\$	-
9/28/2019	21	559.217			\$0	602						\$	-	\$	-	\$	-
9/28/2019	22	519.045			\$0	595						\$	-	\$	-	\$	-
9/28/2019	23	484.879	0	\$0.00	\$0	545						\$	-	\$	-	\$	-
9/29/2019	0	453.483	0	\$0.00	\$0	463						\$	-	\$	-	\$	-
9/29/2019	1	425.837	24.84	\$18.35	\$456	401						\$	456	\$	456	\$	-
9/29/2019	2	408.204	42.2	\$17.27	\$729	366						\$	729	\$	729	\$	-
9/29/2019	3	399.391	34.39	\$16.63	\$572	365						\$	572	\$	572	\$	-
9/29/2019	4	393.492	28.49	\$17.08	\$487	365						\$	487	\$	487	\$	-
9/29/2019	5	397.52	31.52	\$17.65	\$556	366						\$	556	\$	556	\$	-
9/29/2019	6	402.686	37.69	\$19.19	\$723	365						\$	723	\$	723	\$	-
9/29/2019	7	424.98	59.98	\$20.30	\$1,218	365						\$	1,218	\$	1,218	\$	-
9/29/2019	8	460.335	80.34	\$23.58	\$1,894	380						\$	1,894	\$	1,894	\$	-
9/29/2019	9	506.608	69.61	\$24.68	\$1,718	437						\$	1,718	\$	1,718	\$	-
9/29/2019	10	546.866	70.87	\$30.43	\$2,157	476						\$	2,157	\$	2,157	\$	-
9/29/2019	11	585.084	35.08	\$32.76	\$1,149	550						\$	1,149	\$	1,149	\$	-
9/29/2019	12	619.294	28.29	\$36.54	\$1,034	591						\$	1,034	\$	1,034	\$	-
9/29/2019	13	653.442	50.44	\$37.34	\$1,883	603						\$	1,883	\$	1,883	\$	-
9/29/2019	14	675.832	73.83	\$47.76	\$3,526	602						\$	3,526	\$	3,526	\$	-
9/29/2019	15	685.755	82.76	\$56.98	\$4,716	603						\$	4,716	\$	4,716	\$	-
9/29/2019	16	692.663	91.66	\$52.11	\$4,776	601						\$	4,776	\$	4,776	\$	-
9/29/2019	17	680.066	76.07	\$35.76	\$2,720	604						\$	2,720	\$	2,720	\$	-
9/29/2019	18	666.415	65.42	\$37.59	\$2,459	601						\$	2,459	\$	2,459	\$	-
9/29/2019	19	652.749	50.75	\$33.64	\$1,707	602						\$	1,707	\$	1,707	\$	-
9/29/2019	20	613.515	11.52	\$27.28	\$314	602						\$	314	\$	314	\$	-
9/29/2019	21	568.413			\$0	598						\$	-	\$	-	\$	-
9/29/2019	22	523.336			\$0	593						\$	-	\$	-	\$	-
9/29/2019	23	483.003	0	\$0.00	\$0	537						\$	-	\$	-	\$	-
9/30/2019	0	456.423	0	\$0.00	\$0	477						\$	-	\$	-	\$	-
9/30/2019	1	437.814	30.81	\$18.06	\$556	407						\$	556	\$	556	\$	-
9/30/2019	2	425.021	52.02	\$17.81	\$926	373						\$	926	\$	926	\$	-
9/30/2019	3	427.931	61.93	\$18.30	\$1,133	366						\$	1,133	\$	1,133	\$	-
9/30/2019	4	448.549	75.55	\$20.11	\$1,519	373						\$	1,519	\$	1,519	\$	-
9/30/2019	5	496.847	82.85	\$24.42	\$2,023	414						\$	2,023	\$	2,023	\$	-
9/30/2019	6	526.404	80.4	\$24.81	\$1,995	446						\$	1,995	\$	1,995	\$	-
9/30/2019	7	541.119	102.12	\$24.69	\$2,521	439						\$	2,521	\$	2,321	\$	200
9/30/2019	8	577.513	120.51	\$28.19	\$3,397	457						\$	3,397	\$	2,650	\$	747
9/30/2019	9	625.781	106.78	\$30.36	\$3,242	519						\$	3,242	\$	2,854	\$	388
9/30/2019	10	678.433	117.43	\$36.98	\$4,343	561						\$	4,343	\$	3,476	\$	866
9/30/2019	11	718.416	122.42	\$54.71	\$6,698	596						\$	6,698	\$	5,143	\$	1,555
9/30/2019	12	749.231	144.23	\$58.03	\$8,370	605						\$	8,370	\$	5,455	\$	2,915
9/30/2019	13	769.676	165.68	\$64.05	\$10,612	604						\$	10,612	\$	6,021	\$	4,591
9/30/2019	14	781.583	182.58	\$69.04	\$12,605	599						\$	12,605	\$	6,490	\$	6,116
9/30/2019	15	776.661	172.66	\$92.14	\$15,909	604						\$	15,909	\$	8,661	\$	7,248
9/30/2019	16	778.655	182.66	\$78.37	\$14,315	596						\$	14,315	\$	7,367	\$	6,948
9/30/2019	17	766.072	169.07	\$54.20	\$9,164	597						\$	9,164	\$	5,095	\$	4,069
9/30/2019	18	747.689	143.69	\$54.16	\$7,782	604						\$	7,782	\$	5,091	\$	2,691
9/30/2019	19	723.103	121.1	\$65.64	\$7,949	602						\$	7,949	\$	6,170	\$	1,779
9/30/2019	20	677.019	73.02	\$33.95	\$2,479	604						\$	2,479	\$	2,479	\$	-
9/30/2019	21	625.096	24.1	\$27.14	\$654	601						\$	654	\$	654	\$	-
9/30/2019	22	577.134			\$0	578						\$	-	\$	-	\$	-
9/30/2019	23	533.834	50.83	\$20.67	\$1,051	483						\$	1,051	\$	1,051	\$	-

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)				
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6			
10/1/2019	0	504.575	84.58	\$19.31	\$1,633	420							\$	1,633	\$	1,633	\$	-
10/1/2019	1	481.126	106.13	\$18.33	\$1,945	375							\$	1,945	\$	1,723	\$	222
10/1/2019	2	464.408	97.41	\$18.38	\$1,790	367							\$	1,790	\$	1,728	\$	63
10/1/2019	3	463.387	100.39	\$18.84	\$1,891	363							\$	1,891	\$	1,771	\$	120
10/1/2019	4	479.998	105	\$21.10	\$2,216	375							\$	2,216	\$	1,983	\$	232
10/1/2019	5	523.158	102.16	\$24.42	\$2,495	421							\$	2,495	\$	2,295	\$	199
10/1/2019	6	547.668	82.67	\$24.40	\$2,017	465							\$	2,017	\$	2,017	\$	-
10/1/2019	7	552.65	158.65	\$24.53	\$3,892	394							\$	3,892	\$	2,306	\$	1,586
10/1/2019	8	589.824	222.82	\$26.84	\$5,980	367							\$	5,980	\$	2,523	\$	3,458
10/1/2019	9	641.569	275.57	\$31.21	\$8,601	366							\$	8,601	\$	2,934	\$	5,667
10/1/2019	10	689.459	360.46	\$37.53	\$13,528	329							\$	13,528	\$	3,528	\$	10,000
10/1/2019	11	724.627	466.63	\$38.82	\$18,115	236		11	11				\$	18,115	\$	3,649	\$	14,465
10/1/2019	12	750.974	392.97	\$49.01	\$19,259	225		67	66				\$	19,259	\$	4,607	\$	14,653
10/1/2019	13	772.44	437.44	\$50.56	\$22,117	194		71	70				\$	22,117	\$	4,753	\$	17,364
10/1/2019	14	787.007	643.01	\$62.43	\$40,143			73	71				\$	37,458	\$	5,868	\$	34,275
10/1/2019	15	788.773	647.77	\$86.00	\$55,708			72	69				\$	51,600	\$	8,084	\$	47,624
10/1/2019	16	781.957	640.96	\$66.82	\$42,829			71	70				\$	40,092	\$	6,281	\$	36,548
10/1/2019	17	759.863	627.86	\$49.08	\$30,815			73	59				\$	29,448	\$	4,614	\$	26,202
10/1/2019	18	738.344	608.34	\$42.71	\$25,982			72	58				\$	25,626	\$	4,015	\$	21,967
10/1/2019	19	711.027	583.03	\$38.72	\$22,575			72	56				\$	22,575	\$	3,640	\$	18,935
10/1/2019	20	657.329	536.33	\$32.22	\$17,281			66	55				\$	17,281	\$	3,029	\$	14,252
10/1/2019	21	609.464	529.46	\$27.48	\$14,550			44	36				\$	14,550	\$	2,583	\$	11,966
10/1/2019	22	567.274	567.27	\$24.12	\$13,683								\$	13,683	\$	2,267	\$	11,415
10/1/2019	23	528.004	528	\$22.41	\$11,832								\$	11,832	\$	2,107	\$	9,726
10/2/2019	0	497.613	497.61	\$20.92	\$10,410								\$	10,410	\$	1,966	\$	8,444
10/2/2019	1	478.023	478.02	\$19.57	\$9,355								\$	9,355	\$	1,840	\$	7,515
10/2/2019	2	463.411	463.41	\$19.28	\$8,935								\$	8,935	\$	1,812	\$	7,122
10/2/2019	3	461.366	461.37	\$19.48	\$8,987								\$	8,987	\$	1,831	\$	7,156
10/2/2019	4	476.02	476.02	\$20.98	\$9,987								\$	9,987	\$	1,972	\$	8,015
10/2/2019	5	519.154	519.15	\$26.39	\$13,700								\$	13,700	\$	2,481	\$	11,220
10/2/2019	6	545.476	545.48	\$26.51	\$14,461								\$	14,461	\$	2,492	\$	11,969
10/2/2019	7	552.303	552.3	\$27.22	\$15,034								\$	15,034	\$	2,559	\$	12,475
10/2/2019	8	591.431	591.43	\$31.34	\$18,535								\$	18,535	\$	2,946	\$	15,589
10/2/2019	9	633.39	633.39	\$33.63	\$21,301								\$	20,178	\$	3,161	\$	18,140
10/2/2019	10	674.401	654.4	\$36.27	\$23,735			10	10				\$	21,762	\$	3,409	\$	20,326
10/2/2019	11	718.466	583.47	\$45.39	\$26,484			68	67				\$	26,484	\$	4,267	\$	22,217
10/2/2019	12	750.89	614.89	\$62.14	\$38,209			69	67				\$	37,284	\$	5,841	\$	32,368
10/2/2019	13	772.108	624.11	\$87.16	\$54,397			75	73				\$	52,296	\$	8,193	\$	46,204
10/2/2019	14	779.971	628.97	\$118.36	\$74,445			77	74				\$	71,016	\$	11,126	\$	63,319
10/2/2019	15	784.511	636.51	\$146.08	\$92,981			76	72				\$	87,648	\$	13,732	\$	79,250
10/2/2019	16	780.761	631.76	\$122.48	\$77,378			76	73				\$	73,488	\$	11,513	\$	65,865
10/2/2019	17	766.05	616.05	\$65.44	\$40,314			76	74				\$	39,264	\$	6,151	\$	34,163
10/2/2019	18	744.958	592.96	\$56.16	\$33,301			77	75				\$	33,301	\$	5,279	\$	28,022
10/2/2019	19	718.867	582.87	\$40.54	\$23,630			69	67				\$	23,630	\$	3,811	\$	19,819
10/2/2019	20	674.893	674.89	\$28.91	\$19,511								\$	17,346	\$	2,718	\$	16,794
10/2/2019	21	622.365	622.37	\$29.51	\$18,366								\$	17,706	\$	2,774	\$	15,592
10/2/2019	22	575.525	575.53	\$26.03	\$14,981								\$	14,981	\$	2,447	\$	12,534
10/2/2019	23	534.385	534.39	\$22.49	\$12,018								\$	12,018	\$	2,114	\$	9,904
10/3/2019	0	505.865	505.87	\$21.58	\$10,917								\$	10,917	\$	2,029	\$	8,888
10/3/2019	1	467.419	467.42	\$20.35	\$9,512								\$	9,512	\$	1,913	\$	7,599
10/3/2019	2	466.528	466.53	\$19.63	\$9,158								\$	9,158	\$	1,845	\$	7,313
10/3/2019	3	464.487	464.49	\$19.92	\$9,253								\$	9,253	\$	1,872	\$	7,380
10/3/2019	4	477.158	477.16	\$21.81	\$10,407								\$	10,407	\$	2,050	\$	8,357
10/3/2019	5	515.489	515.49	\$26.39	\$13,604								\$	13,604	\$	2,481	\$	11,123
10/3/2019	6	536.876	536.88	\$25.80	\$13,852								\$	13,852	\$	2,425	\$	11,426
10/3/2019	7	548.4	548.4	\$25.94	\$14,225								\$	14,225	\$	2,438	\$	11,787

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5			
10/3/2019	8	584.477	584.48	\$30.66	\$17,920							\$ 17,920	\$ 2,882	\$ 15,038
10/3/2019	9	634.513	634.51	\$33.47	\$21,237							\$ 20,082	\$ 3,146	\$ 18,091
10/3/2019	10	672.482	672.48	\$42.27	\$28,426							\$ 25,362	\$ 3,973	\$ 24,452
10/3/2019	11	713.454	713.45	\$72.04	\$51,397							\$ 43,224	\$ 6,772	\$ 44,625
10/3/2019	12	747.742	747.74	\$62.89	\$47,025							\$ 37,734	\$ 5,912	\$ 41,114
10/3/2019	13	772.794	769.79	\$102.69	\$79,050				3			\$ 61,614	\$ 9,653	\$ 69,397
10/3/2019	14	785.549	648.55	\$85.20	\$55,256			70	67			\$ 51,120	\$ 8,009	\$ 47,248
10/3/2019	15	780.78	630.78	\$84.39	\$53,232			76	74			\$ 50,634	\$ 7,933	\$ 45,299
10/3/2019	16	766.266	617.27	\$64.75	\$39,968			76	73			\$ 38,850	\$ 6,087	\$ 33,882
10/3/2019	17	733.191	589.19	\$42.76	\$25,194			73	71			\$ 25,194	\$ 4,019	\$ 21,174
10/3/2019	18	708.171	559.17	\$39.23	\$21,936			76	73			\$ 21,936	\$ 3,688	\$ 18,249
10/3/2019	19	681.885	556.89	\$27.71	\$15,431			63	62			\$ 15,431	\$ 2,605	\$ 12,827
10/3/2019	20	632.118	520.12	\$24.92	\$12,961			57	55			\$ 12,961	\$ 2,342	\$ 10,619
10/3/2019	21	574.157	546.16	\$22.63	\$12,360			14	14			\$ 12,360	\$ 2,127	\$ 10,232
10/3/2019	22	519.222	519.22	\$20.52	\$10,654							\$ 10,654	\$ 1,929	\$ 8,726
10/3/2019	23	479.128	479.13	\$18.88	\$9,046							\$ 9,046	\$ 1,775	\$ 7,271
10/4/2019	0	444.777	444.78	\$18.15	\$8,073							\$ 8,073	\$ 1,706	\$ 6,367
10/4/2019	1	417.298	417.3	\$15.96	\$6,660							\$ 6,660	\$ 1,500	\$ 5,160
10/4/2019	2	399.642	399.64	\$15.51	\$6,198							\$ 6,198	\$ 1,458	\$ 4,740
10/4/2019	3	393.552	393.55	\$15.94	\$6,273							\$ 6,273	\$ 1,498	\$ 4,775
10/4/2019	4	401.324	401.32	\$19.17	\$7,693							\$ 7,693	\$ 1,802	\$ 5,891
10/4/2019	5	433.639	433.64	\$23.04	\$9,991							\$ 9,991	\$ 2,166	\$ 7,825
10/4/2019	6	453.508	453.51	\$22.95	\$10,408							\$ 10,408	\$ 2,157	\$ 8,251
10/4/2019	7	452.54	452.54	\$22.03	\$9,969							\$ 9,969	\$ 2,071	\$ 7,899
10/4/2019	8	462.368	462.37	\$23.31	\$10,778							\$ 10,778	\$ 2,191	\$ 8,587
10/4/2019	9	475.151	475.15	\$23.77	\$11,294							\$ 11,294	\$ 2,234	\$ 9,060
10/4/2019	10	480.882	480.88	\$23.85	\$11,469							\$ 11,469	\$ 2,242	\$ 9,227
10/4/2019	11	488.625	488.63	\$24.21	\$11,830							\$ 11,830	\$ 2,276	\$ 9,554
10/4/2019	12	496.485	496.49	\$24.78	\$12,303							\$ 12,303	\$ 2,329	\$ 9,974
10/4/2019	13	506.258	506.26	\$26.02	\$13,173							\$ 13,173	\$ 2,446	\$ 10,727
10/4/2019	14	512.009	512.01	\$24.98	\$12,790							\$ 12,790	\$ 2,348	\$ 10,442
10/4/2019	15	509.954	509.95	\$24.32	\$12,402							\$ 12,402	\$ 2,286	\$ 10,116
10/4/2019	16	502.36	502.36	\$23.41	\$11,760							\$ 11,760	\$ 2,201	\$ 9,560
10/4/2019	17	481.835	481.84	\$23.97	\$11,550							\$ 11,550	\$ 2,253	\$ 9,297
10/4/2019	18	471.093	471.09	\$23.95	\$11,283							\$ 11,283	\$ 2,251	\$ 9,031
10/4/2019	19	461.175	461.18	\$22.08	\$10,183							\$ 10,183	\$ 2,076	\$ 8,107
10/4/2019	20	441.619	441.62	\$20.04	\$8,850							\$ 8,850	\$ 1,884	\$ 6,966
10/4/2019	21	415.899	415.9	\$18.08	\$7,519							\$ 7,519	\$ 1,700	\$ 5,820
10/4/2019	22	389.438	389.44	\$16.33	\$6,360							\$ 6,360	\$ 1,535	\$ 4,825
10/4/2019	23	363.799	363.8	\$16.39	\$5,963							\$ 5,963	\$ 1,541	\$ 4,422
10/5/2019	0	347.08	347.08	\$16.68	\$5,789							\$ 5,789	\$ 1,568	\$ 4,221
10/5/2019	1	335.228	335.23	\$15.41	\$5,166							\$ 5,166	\$ 1,449	\$ 3,717
10/5/2019	2	327.421	327.42	\$14.51	\$4,751							\$ 4,751	\$ 1,364	\$ 3,387
10/5/2019	3	327.506	327.51	\$14.18	\$4,644							\$ 4,644	\$ 1,333	\$ 3,311
10/5/2019	4	328.533	328.53	\$14.89	\$4,892							\$ 4,892	\$ 1,400	\$ 3,492
10/5/2019	5	339.302	339.3	\$17.35	\$5,887							\$ 5,887	\$ 1,631	\$ 4,256
10/5/2019	6	352.149	352.15	\$18.41	\$6,483							\$ 6,483	\$ 1,731	\$ 4,753
10/5/2019	7	362.902	362.9	\$19.24	\$6,982							\$ 6,982	\$ 1,809	\$ 5,174
10/5/2019	8	377.737	377.74	\$19.68	\$7,434							\$ 7,434	\$ 1,850	\$ 5,584
10/5/2019	9	388.718	388.72	\$19.50	\$7,580							\$ 7,580	\$ 1,833	\$ 5,747
10/5/2019	10	399.464	399.46	\$18.11	\$7,234							\$ 7,234	\$ 1,702	\$ 5,532
10/5/2019	11	408.384	408.38	\$19.05	\$7,780							\$ 7,780	\$ 1,791	\$ 5,989
10/5/2019	12	418.238	418.24	\$19.39	\$8,110							\$ 8,110	\$ 1,823	\$ 6,287
10/5/2019	13	430.176	430.18	\$20.04	\$8,621							\$ 8,621	\$ 1,884	\$ 6,737
10/5/2019	14	447.838	447.84	\$20.81	\$9,320							\$ 9,320	\$ 1,956	\$ 7,363
10/5/2019	15	462.545	462.55	\$21.09	\$9,755							\$ 9,755	\$ 1,982	\$ 7,773

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
10/5/2019	16	471.384	471.38	\$22.57	\$10,639									\$ 10,639	\$ 2,122	\$ 8,517
10/5/2019	17	466.404	466.4	\$22.47	\$10,480									\$ 10,480	\$ 2,112	\$ 8,368
10/5/2019	18	462.537	462.54	\$21.95	\$10,153									\$ 10,153	\$ 2,063	\$ 8,089
10/5/2019	19	454.701	454.7	\$19.75	\$8,980									\$ 8,980	\$ 1,857	\$ 7,124
10/5/2019	20	436.067	436.07	\$16.42	\$7,160									\$ 7,160	\$ 1,543	\$ 5,617
10/5/2019	21	410.326	410.33	\$16.22	\$6,656									\$ 6,656	\$ 1,525	\$ 5,131
10/5/2019	22	384.651	384.65	\$14.29	\$5,497									\$ 5,497	\$ 1,343	\$ 4,153
10/5/2019	23	361.97	361.97	\$13.58	\$4,916									\$ 4,916	\$ 1,277	\$ 3,639
10/6/2019	0	348.325	348.33	\$13.19	\$4,594									\$ 4,594	\$ 1,240	\$ 3,355
10/6/2019	1	337.55	337.55	\$11.47	\$3,872									\$ 3,872	\$ 1,078	\$ 2,794
10/6/2019	2	333.682	333.68	\$10.64	\$3,550									\$ 3,550	\$ 1,000	\$ 2,550
10/6/2019	3	332.74	332.74	\$10.70	\$3,560									\$ 3,560	\$ 1,006	\$ 2,555
10/6/2019	4	334.723	334.72	\$11.26	\$3,769									\$ 3,769	\$ 1,058	\$ 2,711
10/6/2019	5	342.613	342.61	\$12.63	\$4,327									\$ 4,327	\$ 1,187	\$ 3,140
10/6/2019	6	357.473	357.47	\$13.21	\$4,722									\$ 4,722	\$ 1,242	\$ 3,480
10/6/2019	7	369.166	369.17	\$16.08	\$5,936									\$ 5,936	\$ 1,512	\$ 4,425
10/6/2019	8	395.629	395.63	\$16.90	\$6,686									\$ 6,686	\$ 1,589	\$ 5,098
10/6/2019	9	424.243	424.24	\$17.42	\$7,390									\$ 7,390	\$ 1,637	\$ 5,753
10/6/2019	10	445.726	445.73	\$17.86	\$7,961									\$ 7,961	\$ 1,679	\$ 6,282
10/6/2019	11	463.425	463.43	\$19.56	\$9,065									\$ 9,065	\$ 1,839	\$ 7,226
10/6/2019	12	465.314	465.31	\$20.09	\$9,348									\$ 9,348	\$ 1,888	\$ 7,460
10/6/2019	13	459.391	459.39	\$20.83	\$9,569									\$ 9,569	\$ 1,958	\$ 7,611
10/6/2019	14	456.388	456.39	\$21.48	\$9,803									\$ 9,803	\$ 2,019	\$ 7,784
10/6/2019	15	466.352	466.35	\$22.50	\$10,493									\$ 10,493	\$ 2,115	\$ 8,378
10/6/2019	16	470.269	470.27	\$23.17	\$10,896									\$ 10,896	\$ 2,178	\$ 8,718
10/6/2019	17	467.293	467.29	\$23.29	\$10,883									\$ 10,883	\$ 2,189	\$ 8,694
10/6/2019	18	474.175	474.18	\$23.50	\$11,143									\$ 11,143	\$ 2,209	\$ 8,934
10/6/2019	19	463.411	463.41	\$22.49	\$10,422									\$ 10,422	\$ 2,114	\$ 8,308
10/6/2019	20	434.873	434.87	\$21.47	\$9,337									\$ 9,337	\$ 2,018	\$ 7,318
10/6/2019	21	409.304	409.3	\$19.08	\$7,809									\$ 7,809	\$ 1,794	\$ 6,016
10/6/2019	22	379.738	379.74	\$16.32	\$6,197									\$ 6,197	\$ 1,534	\$ 4,663
10/6/2019	23	356.942	356.94	\$15.95	\$5,693									\$ 5,693	\$ 1,499	\$ 4,194
10/7/2019	0	342.003	342	\$15.83	\$5,414									\$ 5,414	\$ 1,488	\$ 3,926
10/7/2019	1	334.109	334.11	\$13.50	\$4,510									\$ 4,510	\$ 1,269	\$ 3,241
10/7/2019	2	332.126	332.13	\$13.37	\$4,441									\$ 4,441	\$ 1,257	\$ 3,184
10/7/2019	3	338.943	338.94	\$14.41	\$4,884									\$ 4,884	\$ 1,355	\$ 3,530
10/7/2019	4	361.562	361.56	\$18.08	\$6,537									\$ 6,537	\$ 1,700	\$ 4,837
10/7/2019	5	405.103	405.1	\$23.09	\$9,354									\$ 9,354	\$ 2,170	\$ 7,183
10/7/2019	6	434.631	434.63	\$23.27	\$10,114									\$ 10,114	\$ 2,187	\$ 7,926
10/7/2019	7	442.447	442.45	\$24.37	\$10,783									\$ 10,783	\$ 2,291	\$ 8,492
10/7/2019	8	447.36	447.36	\$24.81	\$11,099									\$ 11,099	\$ 2,332	\$ 8,767
10/7/2019	9	455.203	455.2	\$24.87	\$11,321									\$ 11,321	\$ 2,338	\$ 8,983
10/7/2019	10	457.149	457.15	\$25.08	\$11,465									\$ 11,465	\$ 2,358	\$ 9,108
10/7/2019	11	458.122	458.12	\$26.77	\$12,264									\$ 12,264	\$ 2,516	\$ 9,747
10/7/2019	12	458.006	458.01	\$26.45	\$12,114									\$ 12,114	\$ 2,486	\$ 9,628
10/7/2019	13	460.997	461	\$26.57	\$12,249									\$ 12,249	\$ 2,498	\$ 9,751
10/7/2019	14	463.057	463.06	\$27.05	\$12,526									\$ 12,526	\$ 2,543	\$ 9,983
10/7/2019	15	460.047	460.05	\$26.19	\$12,049									\$ 12,049	\$ 2,462	\$ 9,587
10/7/2019	16	461.054	461.05	\$27.58	\$12,716									\$ 12,716	\$ 2,593	\$ 10,123
10/7/2019	17	459.051	459.05	\$25.52	\$11,715									\$ 11,715	\$ 2,399	\$ 9,316
10/7/2019	18	466.728	466.73	\$25.51	\$11,906									\$ 11,906	\$ 2,398	\$ 9,508
10/7/2019	19	462.898	462.9	\$24.07	\$11,142									\$ 11,142	\$ 2,263	\$ 8,879
10/7/2019	20	445.47	445.47	\$22.53	\$10,036									\$ 10,036	\$ 2,118	\$ 7,919
10/7/2019	21	414.994	414.99	\$21.53	\$8,935									\$ 8,935	\$ 2,024	\$ 6,911
10/7/2019	22	384.387	384.39	\$19.39	\$7,453									\$ 7,453	\$ 1,823	\$ 5,631
10/7/2019	23	366.665	366.67	\$17.64	\$6,468									\$ 6,468	\$ 1,658	\$ 4,810



Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5			
10/8/2019	0	351.877	351.88	\$16.38	\$5,764							\$ 5,764	\$ 1,540	\$ 4,224
10/8/2019	1	343.117	343.12	\$15.69	\$5,384							\$ 5,384	\$ 1,475	\$ 3,909
10/8/2019	2	337.236	337.24	\$15.38	\$5,187							\$ 5,187	\$ 1,446	\$ 3,741
10/8/2019	3	344.1	344.1	\$16.01	\$5,509							\$ 5,509	\$ 1,505	\$ 4,004
10/8/2019	4	362.771	362.77	\$19.41	\$7,041							\$ 7,041	\$ 1,825	\$ 5,217
10/8/2019	5	404.213	404.21	\$25.59	\$10,344							\$ 10,344	\$ 2,405	\$ 7,938
10/8/2019	6	431.777	431.78	\$25.22	\$10,889							\$ 10,889	\$ 2,371	\$ 8,519
10/8/2019	7	429.798	429.8	\$25.38	\$10,908							\$ 10,908	\$ 2,386	\$ 8,523
10/8/2019	8	430.733	430.73	\$25.41	\$10,945							\$ 10,945	\$ 2,389	\$ 8,556
10/8/2019	9	439.592	439.59	\$25.60	\$11,254							\$ 11,254	\$ 2,406	\$ 8,847
10/8/2019	10	424.791	424.79	\$25.34	\$10,764							\$ 10,764	\$ 2,382	\$ 8,382
10/8/2019	11	455.472	455.47	\$25.65	\$11,683							\$ 11,683	\$ 2,411	\$ 9,272
10/8/2019	12	460.428	460.43	\$24.81	\$11,423							\$ 11,423	\$ 2,332	\$ 9,091
10/8/2019	13	469.382	469.38	\$24.93	\$11,702							\$ 11,702	\$ 2,343	\$ 9,358
10/8/2019	14	472.351	472.35	\$25.10	\$11,856							\$ 11,856	\$ 2,359	\$ 9,497
10/8/2019	15	478.308	478.31	\$24.66	\$11,795							\$ 11,795	\$ 2,318	\$ 9,477
10/8/2019	16	477.351	477.35	\$24.91	\$11,891							\$ 11,891	\$ 2,342	\$ 9,549
10/8/2019	17	471.485	471.49	\$25.90	\$12,212							\$ 12,212	\$ 2,435	\$ 9,777
10/8/2019	18	478.302	478.3	\$27.62	\$13,211							\$ 13,211	\$ 2,596	\$ 10,614
10/8/2019	19	470.4	470.4	\$24.70	\$11,619							\$ 11,619	\$ 2,322	\$ 9,297
10/8/2019	20	449.567	449.57	\$22.38	\$10,061							\$ 10,061	\$ 2,104	\$ 7,958
10/8/2019	21	419.115	419.12	\$21.23	\$8,898							\$ 8,898	\$ 1,996	\$ 6,902
10/8/2019	22	388.382	388.38	\$18.92	\$7,348							\$ 7,348	\$ 1,778	\$ 5,570
10/8/2019	23	368.626	368.63	\$17.65	\$6,506							\$ 6,506	\$ 1,659	\$ 4,847
10/9/2019	0	354.806	354.81	\$15.79	\$5,602							\$ 5,602	\$ 1,484	\$ 4,118
10/9/2019	1	346.077	346.08	\$14.79	\$5,119							\$ 5,119	\$ 1,390	\$ 3,728
10/9/2019	2	342.16	342.16	\$14.54	\$4,975							\$ 4,975	\$ 1,367	\$ 3,608
10/9/2019	3	347.085	347.09	\$15.80	\$5,484							\$ 5,484	\$ 1,485	\$ 3,999
10/9/2019	4	364.785	364.79	\$19.05	\$6,949							\$ 6,949	\$ 1,791	\$ 5,159
10/9/2019	5	406.383	406.38	\$24.26	\$9,859							\$ 9,859	\$ 2,280	\$ 7,578
10/9/2019	6	431.035	431.04	\$24.46	\$10,543							\$ 10,543	\$ 2,299	\$ 8,244
10/9/2019	7	430.847	430.85	\$24.38	\$10,504							\$ 10,504	\$ 2,292	\$ 8,212
10/9/2019	8	436.644	436.64	\$25.49	\$11,130							\$ 11,130	\$ 2,396	\$ 8,734
10/9/2019	9	447.482	447.48	\$24.60	\$11,008							\$ 11,008	\$ 2,312	\$ 8,696
10/9/2019	10	456.27	456.27	\$25.03	\$11,420							\$ 11,420	\$ 2,353	\$ 9,068
10/9/2019	11	468.106	468.11	\$24.70	\$11,562							\$ 11,562	\$ 2,322	\$ 9,241
10/9/2019	12	479.947	479.95	\$25.05	\$12,023							\$ 12,023	\$ 2,355	\$ 9,668
10/9/2019	13	493.719	493.72	\$25.21	\$12,447							\$ 12,447	\$ 2,370	\$ 10,077
10/9/2019	14	500.606	500.61	\$24.71	\$12,370							\$ 12,370	\$ 2,323	\$ 10,047
10/9/2019	15	504.643	504.64	\$24.17	\$12,197							\$ 12,197	\$ 2,272	\$ 9,925
10/9/2019	16	504.622	504.62	\$25.42	\$12,827							\$ 12,827	\$ 2,389	\$ 10,438
10/9/2019	17	495.777	495.78	\$27.78	\$13,773							\$ 13,773	\$ 2,611	\$ 11,161
10/9/2019	18	499.74	499.74	\$30.32	\$15,152							\$ 15,152	\$ 2,850	\$ 12,302
10/9/2019	19	490.839	490.84	\$23.98	\$11,770							\$ 11,770	\$ 2,254	\$ 9,516
10/9/2019	20	467.087	467.09	\$21.92	\$10,239							\$ 10,239	\$ 2,060	\$ 8,178
10/9/2019	21	435.634	435.63	\$21.22	\$9,244							\$ 9,244	\$ 1,995	\$ 7,249
10/9/2019	22	404.239	404.24	\$19.05	\$7,701							\$ 7,701	\$ 1,791	\$ 5,910
10/9/2019	23	378.716	378.72	\$17.67	\$6,692							\$ 6,692	\$ 1,661	\$ 5,031
10/10/2019	0	364.01	364.01	\$16.34	\$5,948							\$ 5,948	\$ 1,536	\$ 4,412
10/10/2019	1	355.223	355.22	\$14.66	\$5,208							\$ 5,208	\$ 1,378	\$ 3,829
10/10/2019	2	347.276	347.28	\$14.39	\$4,997							\$ 4,997	\$ 1,353	\$ 3,645
10/10/2019	3	354.217	354.22	\$15.92	\$5,639							\$ 5,639	\$ 1,496	\$ 4,143
10/10/2019	4	373.709	373.71	\$19.00	\$7,100							\$ 7,100	\$ 1,786	\$ 5,314
10/10/2019	5	412.209	412.21	\$24.96	\$10,289							\$ 10,289	\$ 2,346	\$ 7,943
10/10/2019	6	438.68	438.68	\$25.47	\$11,173							\$ 11,173	\$ 2,394	\$ 8,779
10/10/2019	7	440.396	440.4	\$25.30	\$11,142							\$ 11,142	\$ 2,378	\$ 8,764

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)			
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6		
10/10/2019	8	452.264	452.26	\$26.76	\$12,102							\$	12,102	\$	2,515	\$	9,587
10/10/2019	9	467.104	467.1	\$27.06	\$12,640							\$	12,640	\$	2,544	\$	10,096
10/10/2019	10	482.856	482.86	\$27.44	\$13,250							\$	13,250	\$	2,579	\$	10,670
10/10/2019	11	502.591	502.59	\$29.10	\$14,625							\$	14,625	\$	2,735	\$	11,890
10/10/2019	12	523.222	523.22	\$29.72	\$15,550							\$	15,550	\$	2,794	\$	12,756
10/10/2019	13	535.967	535.97	\$28.69	\$15,377							\$	15,377	\$	2,697	\$	12,680
10/10/2019	14	543.839	543.84	\$29.55	\$16,070							\$	16,070	\$	2,778	\$	13,293
10/10/2019	15	542.759	542.76	\$31.35	\$17,016							\$	17,016	\$	2,947	\$	14,069
10/10/2019	16	534.974	534.97	\$30.57	\$16,354							\$	16,354	\$	2,874	\$	13,480
10/10/2019	17	518.289	518.29	\$30.67	\$15,896							\$	15,896	\$	2,883	\$	13,013
10/10/2019	18	521.134	521.13	\$32.53	\$16,952							\$	16,952	\$	3,058	\$	13,895
10/10/2019	19	508.299	508.3	\$28.09	\$14,278							\$	14,278	\$	2,640	\$	11,638
10/10/2019	20	487.471	487.47	\$23.39	\$11,402							\$	11,402	\$	2,199	\$	9,203
10/10/2019	21	459.044	459.04	\$21.81	\$10,012							\$	10,012	\$	2,050	\$	7,962
10/10/2019	22	429.637	429.64	\$19.33	\$8,305							\$	8,305	\$	1,817	\$	6,488
10/10/2019	23	404.083	404.08	\$17.93	\$7,245							\$	7,245	\$	1,685	\$	5,560
10/11/2019	0	386.47	386.47	\$15.99	\$6,180							\$	6,180	\$	1,503	\$	4,677
10/11/2019	1	374.65	374.65	\$14.38	\$5,387							\$	5,387	\$	1,352	\$	4,036
10/11/2019	2	365.623	365.62	\$14.17	\$5,181							\$	5,181	\$	1,332	\$	3,849
10/11/2019	3	369.653	369.65	\$15.48	\$5,722							\$	5,722	\$	1,455	\$	4,267
10/11/2019	4	384.336	384.34	\$19.28	\$7,410							\$	7,410	\$	1,812	\$	5,598
10/11/2019	5	418.712	418.71	\$23.26	\$9,739							\$	9,739	\$	2,186	\$	7,553
10/11/2019	6	446.475	446.48	\$24.07	\$10,747							\$	10,747	\$	2,263	\$	8,484
10/11/2019	7	454.314	454.31	\$23.69	\$10,763							\$	10,763	\$	2,227	\$	8,536
10/11/2019	8	466.039	466.04	\$25.06	\$11,679							\$	11,679	\$	2,356	\$	9,323
10/11/2019	9	477.783	477.78	\$25.23	\$12,054							\$	12,054	\$	2,372	\$	9,683
10/11/2019	10	486.524	486.52	\$24.63	\$11,983							\$	11,983	\$	2,315	\$	9,668
10/11/2019	11	499.366	499.37	\$24.66	\$12,314							\$	12,314	\$	2,318	\$	9,996
10/11/2019	12	508.076	508.08	\$24.82	\$12,611							\$	12,611	\$	2,333	\$	10,277
10/11/2019	13	504.074	504.07	\$27.91	\$14,069							\$	14,069	\$	2,624	\$	11,445
10/11/2019	14	492.147	492.15	\$28.22	\$13,888							\$	13,888	\$	2,653	\$	11,236
10/11/2019	15	487.39	487.39	\$27.50	\$13,403							\$	13,403	\$	2,585	\$	10,818
10/11/2019	16	476.51	476.51	\$25.68	\$12,237							\$	12,237	\$	2,414	\$	9,823
10/11/2019	17	475.468	475.47	\$26.94	\$12,809							\$	12,809	\$	2,532	\$	10,277
10/11/2019	18	484.613	484.61	\$27.92	\$13,530							\$	13,530	\$	2,624	\$	10,906
10/11/2019	19	477.778	477.78	\$24.64	\$11,772							\$	11,772	\$	2,316	\$	9,456
10/11/2019	20	454.09	454.09	\$23.18	\$10,526							\$	10,526	\$	2,179	\$	8,347
10/11/2019	21	411.792	411.79	\$20.81	\$8,569							\$	8,569	\$	1,956	\$	6,613
10/11/2019	22	380.362	380.36	\$19.04	\$7,242							\$	7,242	\$	1,790	\$	5,452
10/11/2019	23	355.625	355.63	\$16.09	\$5,722							\$	5,722	\$	1,512	\$	4,210
10/12/2019	0	338.005	338.01	\$15.70	\$5,307							\$	5,307	\$	1,476	\$	3,831
10/12/2019	1	326.219	326.22	\$14.90	\$4,861							\$	4,861	\$	1,401	\$	3,460
10/12/2019	2	319.305	319.31	\$14.71	\$4,697							\$	4,697	\$	1,383	\$	3,314
10/12/2019	3	318.284	318.28	\$15.42	\$4,908							\$	4,908	\$	1,449	\$	3,458
10/12/2019	4	322.226	322.23	\$16.23	\$5,230							\$	5,230	\$	1,526	\$	3,704
10/12/2019	5	333.174	333.17	\$17.56	\$5,850							\$	5,850	\$	1,651	\$	4,200
10/12/2019	6	347.853	347.85	\$19.10	\$6,644							\$	6,644	\$	1,795	\$	4,849
10/12/2019	7	359.645	359.65	\$19.05	\$6,851							\$	6,851	\$	1,791	\$	5,061
10/12/2019	8	371.574	371.57	\$19.73	\$7,331							\$	7,331	\$	1,855	\$	5,476
10/12/2019	9	377.635	377.64	\$20.49	\$7,738							\$	7,738	\$	1,926	\$	5,812
10/12/2019	10	379.561	378.56	\$20.17	\$7,636						1	\$	7,636	\$	1,896	\$	5,740
10/12/2019	11	377.315	377.32	\$20.03	\$7,558							\$	7,558	\$	1,883	\$	5,675
10/12/2019	12	374.38	374.38	\$19.84	\$7,428							\$	7,428	\$	1,865	\$	5,563
10/12/2019	13	351.591	351.59	\$20.09	\$7,063							\$	7,063	\$	1,888	\$	5,175
10/12/2019	14	368.402	368.4	\$19.99	\$7,364							\$	7,364	\$	1,879	\$	5,485
10/12/2019	15	371.359	371.36	\$20.21	\$7,505							\$	7,505	\$	1,900	\$	5,605

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Beginning (HB)	Customer Demand (MW)	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
10/12/2019	16		374.259	374.26	\$20.80	\$7,785								\$ 7,785	\$ 1,955	\$ 5,829
10/12/2019	17		373.073	373.07	\$22.02	\$8,215								\$ 8,215	\$ 2,070	\$ 6,145
10/12/2019	18		385.996	386	\$23.59	\$9,106								\$ 9,106	\$ 2,217	\$ 6,888
10/12/2019	19		384.962	384.96	\$22.37	\$8,612								\$ 8,612	\$ 2,103	\$ 6,509
10/12/2019	20		375.141	375.14	\$20.15	\$7,559								\$ 7,559	\$ 1,894	\$ 5,665
10/12/2019	21		363.494	363.49	\$18.14	\$6,594								\$ 6,594	\$ 1,705	\$ 4,889
10/12/2019	22		348.614	348.61	\$16.24	\$5,661								\$ 5,661	\$ 1,527	\$ 4,135
10/12/2019	23		334.792	334.79	\$15.65	\$5,239								\$ 5,239	\$ 1,471	\$ 3,768
10/13/2019	0		323.097	323.1	\$15.17	\$4,901								\$ 4,901	\$ 1,426	\$ 3,475
10/13/2019	1		316.191	316.19	\$13.62	\$4,307								\$ 4,307	\$ 1,280	\$ 3,026
10/13/2019	2		311.315	311.32	\$13.73	\$4,274								\$ 4,274	\$ 1,291	\$ 2,984
10/13/2019	3		314.286	314.29	\$14.57	\$4,579								\$ 4,579	\$ 1,370	\$ 3,210
10/13/2019	4		320.14	320.14	\$15.92	\$5,097								\$ 5,097	\$ 1,496	\$ 3,600
10/13/2019	5		333.978	333.98	\$17.42	\$5,818								\$ 5,818	\$ 1,637	\$ 4,180
10/13/2019	6		350.787	350.79	\$19.52	\$6,847								\$ 6,847	\$ 1,835	\$ 5,013
10/13/2019	7		367.475	367.48	\$19.28	\$7,085								\$ 7,085	\$ 1,812	\$ 5,273
10/13/2019	8		379.285	379.29	\$19.70	\$7,472								\$ 7,472	\$ 1,852	\$ 5,620
10/13/2019	9		381.35	381.35	\$19.69	\$7,509								\$ 7,509	\$ 1,851	\$ 5,658
10/13/2019	10		379.47	379.47	\$19.21	\$7,290								\$ 7,290	\$ 1,806	\$ 5,484
10/13/2019	11		379.387	379.39	\$18.99	\$7,205								\$ 7,205	\$ 1,785	\$ 5,420
10/13/2019	12		377.317	377.32	\$18.85	\$7,112								\$ 7,112	\$ 1,772	\$ 5,341
10/13/2019	13		375.25	375.25	\$18.56	\$6,965								\$ 6,965	\$ 1,745	\$ 5,220
10/13/2019	14		377.215	377.22	\$18.55	\$6,997								\$ 6,997	\$ 1,744	\$ 5,254
10/13/2019	15		384.109	384.11	\$19.27	\$7,402								\$ 7,402	\$ 1,811	\$ 5,590
10/13/2019	16		390.064	390.06	\$19.92	\$7,770								\$ 7,770	\$ 1,872	\$ 5,898
10/13/2019	17		394.211	394.21	\$22.98	\$9,059								\$ 9,059	\$ 2,160	\$ 6,899
10/13/2019	18		409.152	409.15	\$27.02	\$11,055								\$ 11,055	\$ 2,540	\$ 8,515
10/13/2019	19		408.149	408.15	\$23.08	\$9,420								\$ 9,420	\$ 2,170	\$ 7,251
10/13/2019	20		390.403	390.4	\$21.67	\$8,460								\$ 8,460	\$ 2,037	\$ 6,423
10/13/2019	21		370.652	370.65	\$19.71	\$7,306								\$ 7,306	\$ 1,853	\$ 5,453
10/13/2019	22		350.018	350.02	\$16.76	\$5,866								\$ 5,866	\$ 1,575	\$ 4,291
10/13/2019	23		334.284	334.28	\$17.05	\$5,699								\$ 5,699	\$ 1,603	\$ 4,097
10/14/2019	0		324.259	324.26	\$16.45	\$5,334								\$ 5,334	\$ 1,546	\$ 3,788
10/14/2019	1		320.337	320.34	\$16.34	\$5,234								\$ 5,234	\$ 1,536	\$ 3,698
10/14/2019	2		319.399	319.4	\$16.89	\$5,395								\$ 5,395	\$ 1,588	\$ 3,807
10/14/2019	3		330.289	330.29	\$17.30	\$5,714								\$ 5,714	\$ 1,626	\$ 4,088
10/14/2019	4		352.983	352.98	\$19.64	\$6,933								\$ 6,933	\$ 1,846	\$ 5,086
10/14/2019	5		392.207	392.21	\$25.31	\$9,927								\$ 9,927	\$ 2,379	\$ 7,548
10/14/2019	6		417.528	417.53	\$26.84	\$11,207								\$ 11,207	\$ 2,523	\$ 8,684
10/14/2019	7		428.545	428.55	\$26.81	\$11,489								\$ 11,489	\$ 2,520	\$ 8,969
10/14/2019	8		429.66	429.66	\$27.24	\$11,704								\$ 11,704	\$ 2,561	\$ 9,143
10/14/2019	9		435.534	435.53	\$26.84	\$11,690								\$ 11,690	\$ 2,523	\$ 9,167
10/14/2019	10		439.486	439.49	\$25.60	\$11,251								\$ 11,251	\$ 2,406	\$ 8,845
10/14/2019	11		442.435	442.44	\$24.90	\$11,017								\$ 11,017	\$ 2,341	\$ 8,676
10/14/2019	12		444.438	444.44	\$23.81	\$10,582								\$ 10,582	\$ 2,238	\$ 8,344
10/14/2019	13		448.415	448.42	\$24.12	\$10,816								\$ 10,816	\$ 2,267	\$ 8,549
10/14/2019	14		451.407	451.41	\$23.87	\$10,775								\$ 10,775	\$ 2,244	\$ 8,531
10/14/2019	15		448.537	448.54	\$24.96	\$11,196								\$ 11,196	\$ 2,346	\$ 8,849
10/14/2019	16		451.507	451.51	\$25.16	\$11,360								\$ 11,360	\$ 2,365	\$ 8,995
10/14/2019	17		450.62	450.62	\$29.12	\$13,122								\$ 13,122	\$ 2,737	\$ 10,385
10/14/2019	18		464.434	464.43	\$35.37	\$16,427								\$ 16,427	\$ 3,325	\$ 13,102
10/14/2019	19		455.731	455.73	\$26.71	\$12,173								\$ 12,173	\$ 2,511	\$ 9,662
10/14/2019	20		436.015	436.02	\$23.86	\$10,403								\$ 10,403	\$ 2,243	\$ 8,161
10/14/2019	21		410.332	410.33	\$20.49	\$8,408								\$ 8,408	\$ 1,926	\$ 6,482
10/14/2019	22		381.585	381.59	\$19.26	\$7,349								\$ 7,349	\$ 1,810	\$ 5,539
10/14/2019	23		364.736	364.74	\$18.19	\$6,635								\$ 6,635	\$ 1,710	\$ 4,925

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5			
10/15/2019	0	355.748	355.75	\$17.58	\$6,254							\$ 6,254	\$ 1,653	\$ 4,602
10/15/2019	1	348.585	348.59	\$17.56	\$6,121							\$ 6,121	\$ 1,651	\$ 4,471
10/15/2019	2	347.563	347.56	\$16.91	\$5,877							\$ 5,877	\$ 1,590	\$ 4,288
10/15/2019	3	354.465	354.47	\$18.07	\$6,405							\$ 6,405	\$ 1,699	\$ 4,707
10/15/2019	4	376.191	376.19	\$20.27	\$7,625							\$ 7,625	\$ 1,905	\$ 5,720
10/15/2019	5	420.783	420.78	\$30.97	\$13,032							\$ 13,032	\$ 2,911	\$ 10,120
10/15/2019	6	448.462	448.46	\$28.78	\$12,907							\$ 12,907	\$ 2,705	\$ 10,201
10/15/2019	7	444.464	444.46	\$28.05	\$12,467							\$ 12,467	\$ 2,637	\$ 9,830
10/15/2019	8	440.497	440.5	\$26.10	\$11,497							\$ 11,497	\$ 2,453	\$ 9,044
10/15/2019	9	442.557	442.56	\$26.00	\$11,507							\$ 11,507	\$ 2,444	\$ 9,063
10/15/2019	10	442.554	442.55	\$24.46	\$10,825							\$ 10,825	\$ 2,299	\$ 8,526
10/15/2019	11	444.439	444.44	\$24.28	\$10,791							\$ 10,791	\$ 2,282	\$ 8,509
10/15/2019	12	449.38	449.38	\$24.10	\$10,830							\$ 10,830	\$ 2,265	\$ 8,565
10/15/2019	13	455.228	455.23	\$24.78	\$11,281							\$ 11,281	\$ 2,329	\$ 8,951
10/15/2019	14	459.876	459.88	\$24.49	\$11,262							\$ 11,262	\$ 2,302	\$ 8,960
10/15/2019	15	461.945	461.95	\$24.54	\$11,336							\$ 11,336	\$ 2,307	\$ 9,029
10/15/2019	16	464.072	464.07	\$25.33	\$11,755							\$ 11,755	\$ 2,381	\$ 9,374
10/15/2019	17	463.151	463.15	\$27.19	\$12,593							\$ 12,593	\$ 2,556	\$ 10,037
10/15/2019	18	476.828	476.83	\$32.31	\$15,406							\$ 15,406	\$ 3,037	\$ 12,369
10/15/2019	19	470.741	470.74	\$26.05	\$12,263							\$ 12,263	\$ 2,449	\$ 9,814
10/15/2019	20	451.898	451.9	\$22.58	\$10,204							\$ 10,204	\$ 2,123	\$ 8,081
10/15/2019	21	425.37	425.37	\$19.95	\$8,486							\$ 8,486	\$ 1,875	\$ 6,611
10/15/2019	22	400.827	400.83	\$18.32	\$7,343							\$ 7,343	\$ 1,722	\$ 5,621
10/15/2019	23	378.142	378.14	\$17.34	\$6,557							\$ 6,557	\$ 1,630	\$ 4,927
10/16/2019	0	366.324	366.32	\$17.06	\$6,249							\$ 6,249	\$ 1,604	\$ 4,646
10/16/2019	1	357.527	357.53	\$16.85	\$6,024							\$ 6,024	\$ 1,584	\$ 4,440
10/16/2019	2	350.579	350.58	\$16.64	\$5,834							\$ 5,834	\$ 1,564	\$ 4,269
10/16/2019	3	346.685	346.69	\$17.38	\$6,025							\$ 6,025	\$ 1,634	\$ 4,392
10/16/2019	4	364.346	364.35	\$19.71	\$7,181							\$ 7,181	\$ 1,853	\$ 5,329
10/16/2019	5	401.74	401.74	\$26.02	\$10,453							\$ 10,453	\$ 2,446	\$ 8,007
10/16/2019	6	429.443	429.44	\$26.62	\$11,432							\$ 11,432	\$ 2,502	\$ 8,929
10/16/2019	7	429.459	429.46	\$27.55	\$11,832							\$ 11,832	\$ 2,590	\$ 9,242
10/16/2019	8	437.174	437.17	\$27.24	\$11,909							\$ 11,909	\$ 2,561	\$ 9,348
10/16/2019	9	441.965	441.97	\$28.98	\$12,808							\$ 12,808	\$ 2,724	\$ 10,084
10/16/2019	10	445.844	445.84	\$26.98	\$12,029							\$ 12,029	\$ 2,536	\$ 9,493
10/16/2019	11	449.829	449.83	\$28.45	\$12,798							\$ 12,798	\$ 2,674	\$ 10,123
10/16/2019	12	452.872	452.87	\$27.82	\$12,599							\$ 12,599	\$ 2,615	\$ 9,984
10/16/2019	13	453.883	453.88	\$27.92	\$12,672							\$ 12,672	\$ 2,624	\$ 10,048
10/16/2019	14	455.969	455.97	\$26.57	\$12,115							\$ 12,115	\$ 2,498	\$ 9,618
10/16/2019	15	450.025	450.03	\$27.39	\$12,326							\$ 12,326	\$ 2,575	\$ 9,752
10/16/2019	16	453.053	453.05	\$27.61	\$12,509							\$ 12,509	\$ 2,595	\$ 9,913
10/16/2019	17	458.009	458.01	\$30.06	\$13,768							\$ 13,768	\$ 2,826	\$ 10,942
10/16/2019	18	474.949	474.95	\$35.07	\$16,656							\$ 16,656	\$ 3,297	\$ 13,360
10/16/2019	19	463.181	463.18	\$31.91	\$14,780							\$ 14,780	\$ 3,000	\$ 11,781
10/16/2019	20	446.283	446.28	\$25.71	\$11,474							\$ 11,474	\$ 2,417	\$ 9,057
10/16/2019	21	414.84	414.84	\$21.81	\$9,048							\$ 9,048	\$ 2,050	\$ 6,998
10/16/2019	22	385.268	385.27	\$19.55	\$7,532							\$ 7,532	\$ 1,838	\$ 5,694
10/16/2019	23	370.45	370.45	\$18.92	\$7,009							\$ 7,009	\$ 1,778	\$ 5,230
10/17/2019	0	362.592	362.59	\$18.41	\$6,675							\$ 6,675	\$ 1,731	\$ 4,945
10/17/2019	1	363.594	363.59	\$17.85	\$6,490							\$ 6,490	\$ 1,678	\$ 4,812
10/17/2019	2	358.653	358.65	\$17.67	\$6,337							\$ 6,337	\$ 1,661	\$ 4,676
10/17/2019	3	366.44	366.44	\$18.55	\$6,797							\$ 6,797	\$ 1,744	\$ 5,054
10/17/2019	4	389.284	389.28	\$21.28	\$8,284							\$ 8,284	\$ 2,000	\$ 6,284
10/17/2019	5	416.723	416.72	\$29.70	\$12,377							\$ 12,377	\$ 2,792	\$ 9,585
10/17/2019	6	458.273	458.27	\$32.47	\$14,880							\$ 14,880	\$ 3,052	\$ 11,828
10/17/2019	7	459.29	459.29	\$32.14	\$14,762							\$ 14,762	\$ 3,021	\$ 11,740

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)			
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6		
10/17/2019	8	456.357	456.36	\$31.53	\$14,389							\$	14,389	\$	2,964	\$	11,425
10/17/2019	9	450.474	450.47	\$31.11	\$14,014							\$	14,014	\$	2,924	\$	11,090
10/17/2019	10	444.543	444.54	\$29.35	\$13,047							\$	13,047	\$	2,759	\$	10,288
10/17/2019	11	426.624	426.62	\$30.43	\$12,982							\$	12,982	\$	2,860	\$	10,122
10/17/2019	12	429.514	429.51	\$28.10	\$12,069							\$	12,069	\$	2,641	\$	9,428
10/17/2019	13	437.556	437.56	\$29.08	\$12,724							\$	12,724	\$	2,734	\$	9,991
10/17/2019	14	443.6	443.6	\$26.27	\$11,653							\$	11,653	\$	2,469	\$	9,184
10/17/2019	15	440.502	440.5	\$27.50	\$12,114							\$	12,114	\$	2,585	\$	9,529
10/17/2019	16	438.6	438.6	\$27.73	\$12,162							\$	12,162	\$	2,607	\$	9,556
10/17/2019	17	439.569	439.57	\$32.35	\$14,220							\$	14,220	\$	3,041	\$	11,179
10/17/2019	18	460.258	460.26	\$35.39	\$16,289							\$	16,289	\$	3,327	\$	12,962
10/17/2019	19	457.247	457.25	\$32.40	\$14,815							\$	14,815	\$	3,046	\$	11,769
10/17/2019	20	442.379	442.38	\$27.60	\$12,210							\$	12,210	\$	2,594	\$	9,615
10/17/2019	21	418.605	418.61	\$23.62	\$9,888							\$	9,888	\$	2,220	\$	7,667
10/17/2019	22	395.796	395.8	\$22.11	\$8,751							\$	8,751	\$	2,078	\$	6,673
10/17/2019	23	380.07	380.07	\$21.13	\$8,031							\$	8,031	\$	1,986	\$	6,045
10/18/2019	0	370.292	370.29	\$20.65	\$7,646							\$	7,646	\$	1,941	\$	5,705
10/18/2019	1	363.423	363.42	\$20.42	\$7,421							\$	7,421	\$	1,919	\$	5,502
10/18/2019	2	360.464	360.46	\$20.18	\$7,274							\$	7,274	\$	1,897	\$	5,377
10/18/2019	3	370.363	370.36	\$21.04	\$7,792							\$	7,792	\$	1,978	\$	5,815
10/18/2019	4	391.092	391.09	\$26.54	\$10,380							\$	10,380	\$	2,495	\$	7,885
10/18/2019	5	434.559	434.56	\$36.40	\$15,818							\$	15,818	\$	3,422	\$	12,396
10/18/2019	6	465.189	465.19	\$38.09	\$17,719							\$	17,719	\$	3,580	\$	14,139
10/18/2019	7	464.146	464.15	\$33.98	\$15,772							\$	15,772	\$	3,194	\$	12,578
10/18/2019	8	456.217	456.22	\$29.29	\$13,363							\$	13,363	\$	2,753	\$	10,609
10/18/2019	9	450.39	450.39	\$29.65	\$13,354							\$	13,354	\$	2,787	\$	10,567
10/18/2019	10	441.527	441.53	\$28.61	\$12,632							\$	12,632	\$	2,689	\$	9,943
10/18/2019	11	438.596	438.6	\$27.32	\$11,983							\$	11,983	\$	2,568	\$	9,414
10/18/2019	12	436.563	436.56	\$26.44	\$11,543							\$	11,543	\$	2,485	\$	9,057
10/18/2019	13	432.648	432.65	\$25.35	\$10,968							\$	10,968	\$	2,383	\$	8,585
10/18/2019	14	432.856	432.86	\$23.60	\$10,215							\$	10,215	\$	2,218	\$	7,997
10/18/2019	15	428.94	428.94	\$23.64	\$10,140							\$	10,140	\$	2,222	\$	7,918
10/18/2019	16	427.008	427.01	\$23.45	\$10,013							\$	10,013	\$	2,204	\$	7,809
10/18/2019	17	423.133	423.13	\$27.03	\$11,437							\$	11,437	\$	2,541	\$	8,896
10/18/2019	18	436.05	436.05	\$29.31	\$12,781							\$	12,781	\$	2,755	\$	10,025
10/18/2019	19	429.086	429.09	\$26.09	\$11,195							\$	11,195	\$	2,452	\$	8,742
10/18/2019	20	416.302	416.3	\$23.72	\$9,875							\$	9,875	\$	2,230	\$	7,645
10/18/2019	21	401.407	401.41	\$22.43	\$9,004							\$	9,004	\$	2,108	\$	6,895
10/18/2019	22	381.642	381.64	\$21.40	\$8,167							\$	8,167	\$	2,012	\$	6,155
10/18/2019	23	366.007	366.01	\$26.08	\$9,546							\$	9,546	\$	2,452	\$	7,094
10/19/2019	0	356.229	356.23	\$24.87	\$8,859							\$	8,859	\$	2,338	\$	6,522
10/19/2019	1	348.279	348.28	\$24.13	\$8,404							\$	8,404	\$	2,268	\$	6,136
10/19/2019	2	343.425	343.43	\$23.04	\$7,913							\$	7,913	\$	2,166	\$	5,747
10/19/2019	3	347.397	347.4	\$24.56	\$8,532							\$	8,532	\$	2,309	\$	6,224
10/19/2019	4	355.258	355.26	\$25.14	\$8,931							\$	8,931	\$	2,363	\$	6,568
10/19/2019	5	370.978	370.98	\$31.11	\$11,541							\$	11,541	\$	2,924	\$	8,617
10/19/2019	6	391.736	389.74	\$34.01	\$13,255						1	\$	13,255	\$	3,197	\$	10,058
10/19/2019	7	400.526	302.53	\$34.66	\$10,486						55	\$	10,486	\$	3,258	\$	7,228
10/19/2019	8	404.456	370.46	\$32.12	\$11,899						17	\$	11,899	\$	3,019	\$	8,880
10/19/2019	9	407.499	407.5	\$29.05	\$11,838							\$	11,838	\$	2,731	\$	9,107
10/19/2019	10	402.506	402.51	\$25.52	\$10,272							\$	10,272	\$	2,399	\$	7,873
10/19/2019	11	397.586	397.59	\$24.57	\$9,769							\$	9,769	\$	2,310	\$	7,459
10/19/2019	12	395.627	395.63	\$23.87	\$9,444							\$	9,444	\$	2,244	\$	7,200
10/19/2019	13	393.593	393.59	\$23.39	\$9,206							\$	9,206	\$	2,199	\$	7,007
10/19/2019	14	390.588	390.59	\$22.89	\$8,941							\$	8,941	\$	2,152	\$	6,789
10/19/2019	15	394.627	394.63	\$24.24	\$9,566							\$	9,566	\$	2,279	\$	7,287

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)			
							East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6		
10/19/2019	16	398.629	398.63	\$25.42	\$10,133								\$	10,133	\$	2,389	\$	7,744
10/19/2019	17	397.625	397.63	\$36.46	\$14,498								\$	14,498	\$	3,427	\$	11,070
10/19/2019	18	411.49	411.49	\$37.65	\$15,493								\$	15,493	\$	3,539	\$	11,953
10/19/2019	19	404.461	404.46	\$31.69	\$12,817								\$	12,817	\$	2,979	\$	9,838
10/19/2019	20	391.549	391.55	\$26.71	\$10,458								\$	10,458	\$	2,511	\$	7,948
10/19/2019	21	374.764	374.76	\$23.05	\$8,638								\$	8,638	\$	2,167	\$	6,472
10/19/2019	22	355.029	355.03	\$21.78	\$7,733								\$	7,733	\$	2,047	\$	5,685
10/19/2019	23	336.431	336.43	\$22.03	\$7,412								\$	7,412	\$	2,071	\$	5,341
10/20/2019	0	323.539	323.54	\$20.10	\$6,503								\$	6,503	\$	1,889	\$	4,614
10/20/2019	1	313.664	313.66	\$19.31	\$6,057								\$	6,057	\$	1,815	\$	4,242
10/20/2019	2	309.752	309.75	\$18.99	\$5,882								\$	5,882	\$	1,785	\$	4,097
10/20/2019	3	308.763	308.76	\$19.66	\$6,070								\$	6,070	\$	1,848	\$	4,222
10/20/2019	4	313.688	313.69	\$20.89	\$6,553								\$	6,553	\$	1,964	\$	4,589
10/20/2019	5	322.579	322.58	\$21.75	\$7,016								\$	7,016	\$	2,045	\$	4,972
10/20/2019	6	338.432	338.43	\$22.52	\$7,621								\$	7,621	\$	2,117	\$	5,505
10/20/2019	7	342.393	342.39	\$23.62	\$8,087								\$	8,087	\$	2,220	\$	5,867
10/20/2019	8	359.113	359.11	\$26.01	\$9,340								\$	9,340	\$	2,445	\$	6,896
10/20/2019	9	373.853	373.85	\$26.10	\$9,757								\$	9,757	\$	2,453	\$	7,304
10/20/2019	10	381.765	381.77	\$26.03	\$9,937								\$	9,937	\$	2,447	\$	7,491
10/20/2019	11	391.641	391.64	\$25.13	\$9,842								\$	9,842	\$	2,362	\$	7,480
10/20/2019	12	398.608	398.61	\$24.87	\$9,913								\$	9,913	\$	2,338	\$	7,576
10/20/2019	13	401.53	401.53	\$25.30	\$10,159								\$	10,159	\$	2,378	\$	7,781
10/20/2019	14	408.468	408.47	\$25.34	\$10,351								\$	10,351	\$	2,382	\$	7,969
10/20/2019	15	415.315	415.32	\$27.73	\$11,517								\$	11,517	\$	2,607	\$	8,910
10/20/2019	16	425.177	425.18	\$32.57	\$13,848								\$	13,848	\$	3,062	\$	10,787
10/20/2019	17	426.153	426.15	\$41.42	\$17,651								\$	17,651	\$	3,893	\$	13,758
10/20/2019	18	442.931	442.93	\$46.22	\$20,472								\$	20,472	\$	4,345	\$	16,128
10/20/2019	19	437.923	437.92	\$37.06	\$16,229								\$	16,229	\$	3,484	\$	12,746
10/20/2019	20	415.243	415.24	\$30.62	\$12,715								\$	12,715	\$	2,878	\$	9,836
10/20/2019	21	390.628	390.63	\$25.77	\$10,067								\$	10,067	\$	2,422	\$	7,644
10/20/2019	22	363.901	363.9	\$22.84	\$8,311								\$	8,311	\$	2,147	\$	6,165
10/20/2019	23	340.992	340.99	\$24.09	\$8,214								\$	8,214	\$	2,264	\$	5,950
10/21/2019	0	329.122	329.12	\$22.87	\$7,527								\$	7,527	\$	2,150	\$	5,377
10/21/2019	1	323.269	323.27	\$22.13	\$7,154								\$	7,154	\$	2,080	\$	5,074
10/21/2019	2	321.311	321.31	\$22.03	\$7,078								\$	7,078	\$	2,071	\$	5,008
10/21/2019	3	330.134	330.13	\$23.34	\$7,705								\$	7,705	\$	2,194	\$	5,511
10/21/2019	4	353.913	353.91	\$28.86	\$10,214								\$	10,214	\$	2,713	\$	7,501
10/21/2019	5	397.255	337.26	\$44.05	\$14,856								\$	14,856	\$	4,141	\$	10,716
10/21/2019	6	425.76	324.76	\$39.37	\$12,786			28					\$	12,786	\$	3,701	\$	9,085
10/21/2019	7	428.673	428.67	\$34.32	\$14,712			50					\$	14,712	\$	3,226	\$	11,486
10/21/2019	8	437.281	437.28	\$34.33	\$15,012								\$	15,012	\$	3,227	\$	11,785
10/21/2019	9	446.094	446.09	\$34.58	\$15,426								\$	15,426	\$	3,251	\$	12,175
10/21/2019	10	456.954	453.95	\$34.09	\$15,475							3	\$	15,475	\$	3,204	\$	12,271
10/21/2019	11	466.889	466.89	\$34.05	\$15,898								\$	15,898	\$	3,201	\$	12,697
10/21/2019	12	466.887	466.89	\$35.44	\$16,547								\$	16,547	\$	3,331	\$	13,215
10/21/2019	13	470.815	470.82	\$35.65	\$16,785								\$	16,785	\$	3,351	\$	13,434
10/21/2019	14	475.682	475.68	\$34.91	\$16,606								\$	16,606	\$	3,282	\$	13,324
10/21/2019	15	473.758	473.76	\$34.75	\$16,463								\$	16,463	\$	3,267	\$	13,197
10/21/2019	16	472.841	472.84	\$36.78	\$17,391								\$	17,391	\$	3,457	\$	13,934
10/21/2019	17	474.633	474.63	\$40.64	\$19,289								\$	19,289	\$	3,820	\$	15,469
10/21/2019	18	484.553	484.55	\$46.67	\$22,614								\$	22,614	\$	4,387	\$	18,227
10/21/2019	19	473.761	473.76	\$36.90	\$17,482								\$	17,482	\$	3,469	\$	14,013
10/21/2019	20	452.169	452.17	\$33.10	\$14,967								\$	14,967	\$	3,111	\$	11,855
10/21/2019	21	426.696	426.7	\$28.67	\$12,233								\$	12,233	\$	2,695	\$	9,539
10/21/2019	22	398.027	398.03	\$24.30	\$9,672								\$	9,672	\$	2,284	\$	7,388
10/21/2019	23	375.38	375.38	\$22.84	\$8,574								\$	8,574	\$	2,147	\$	6,427

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Beginning (HB)	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
10/22/2019	0		361.582	361.58	\$21.59	\$7,807								\$ 7,807	\$ 2,029	\$ 5,777
10/22/2019	1		351.7	351.7	\$20.85	\$7,333								\$ 7,333	\$ 1,960	\$ 5,373
10/22/2019	2		344.738	344.74	\$20.66	\$7,122								\$ 7,122	\$ 1,942	\$ 5,180
10/22/2019	3		349.695	349.7	\$22.24	\$7,777								\$ 7,777	\$ 2,091	\$ 5,687
10/22/2019	4		368.552	368.55	\$27.41	\$10,102								\$ 10,102	\$ 2,577	\$ 7,525
10/22/2019	5		412.849	412.85	\$38.46	\$15,878								\$ 15,878	\$ 3,615	\$ 12,263
10/22/2019	6		441.522	441.52	\$38.45	\$16,976								\$ 16,976	\$ 3,614	\$ 13,362
10/22/2019	7		439.654	439.65	\$34.04	\$14,966								\$ 14,966	\$ 3,200	\$ 11,766
10/22/2019	8		443.493	443.49	\$34.83	\$15,447								\$ 15,447	\$ 3,274	\$ 12,173
10/22/2019	9		449.427	435.43	\$36.33	\$15,819						14		\$ 15,819	\$ 3,415	\$ 12,404
10/22/2019	10		449.338	401.34	\$35.05	\$14,067						37	11	\$ 14,067	\$ 3,295	\$ 10,772
10/22/2019	11		447.41	413.41	\$34.19	\$14,134							34	\$ 14,134	\$ 3,214	\$ 10,921
10/22/2019	12		448.399	448.4	\$34.00	\$15,246								\$ 15,246	\$ 3,196	\$ 12,050
10/22/2019	13		450.315	450.32	\$32.89	\$14,811								\$ 14,811	\$ 3,092	\$ 11,719
10/22/2019	14		451.178	451.18	\$33.04	\$14,907								\$ 14,907	\$ 3,106	\$ 11,801
10/22/2019	15		445.161	445.16	\$33.33	\$14,837								\$ 14,837	\$ 3,133	\$ 11,704
10/22/2019	16		442.183	442.18	\$34.72	\$15,352								\$ 15,352	\$ 3,264	\$ 12,089
10/22/2019	17		444.245	444.25	\$40.33	\$17,917								\$ 17,917	\$ 3,791	\$ 14,126
10/22/2019	18		465.016	465.02	\$41.49	\$19,294								\$ 19,294	\$ 3,900	\$ 15,394
10/22/2019	19		455.13	455.13	\$34.60	\$15,747								\$ 15,747	\$ 3,252	\$ 12,495
10/22/2019	20		436.337	436.34	\$29.66	\$12,942								\$ 12,942	\$ 2,788	\$ 10,154
10/22/2019	21		408.783	408.78	\$26.31	\$10,755								\$ 10,755	\$ 2,473	\$ 8,282
10/22/2019	22		384.276	384.28	\$23.15	\$8,896								\$ 8,896	\$ 2,176	\$ 6,720
10/22/2019	23		366.559	366.56	\$22.31	\$8,178								\$ 8,178	\$ 2,097	\$ 6,081
10/23/2019	0		354.791	354.79	\$21.91	\$7,773								\$ 7,773	\$ 2,060	\$ 5,714
10/23/2019	1		345.901	345.9	\$21.26	\$7,354								\$ 7,354	\$ 1,998	\$ 5,355
10/23/2019	2		340.892	340.89	\$21.20	\$7,227								\$ 7,227	\$ 1,993	\$ 5,234
10/23/2019	3		347.927	347.93	\$22.40	\$7,794								\$ 7,794	\$ 2,106	\$ 5,688
10/23/2019	4		372.47	372.47	\$28.28	\$10,533								\$ 10,533	\$ 2,658	\$ 7,875
10/23/2019	5		420.593	420.59	\$39.13	\$16,458								\$ 16,458	\$ 3,678	\$ 12,779
10/23/2019	6		453.218	453.22	\$37.66	\$17,068								\$ 17,068	\$ 3,540	\$ 13,528
10/23/2019	7		454.303	454.3	\$30.43	\$13,824								\$ 13,824	\$ 2,860	\$ 10,964
10/23/2019	8		451.443	451.44	\$28.86	\$13,029								\$ 13,029	\$ 2,713	\$ 10,316
10/23/2019	9		448.41	448.41	\$30.68	\$13,757								\$ 13,757	\$ 2,884	\$ 10,873
10/23/2019	10		445.412	445.41	\$28.32	\$12,614								\$ 12,614	\$ 2,662	\$ 9,952
10/23/2019	11		442.448	442.45	\$28.77	\$12,729								\$ 12,729	\$ 2,704	\$ 10,025
10/23/2019	12		444.344	444.34	\$27.58	\$12,255								\$ 12,255	\$ 2,593	\$ 9,662
10/23/2019	13		443.268	443.27	\$25.97	\$11,512								\$ 11,512	\$ 2,441	\$ 9,071
10/23/2019	14		443.312	443.31	\$25.13	\$11,140								\$ 11,140	\$ 2,362	\$ 8,778
10/23/2019	15		440.348	440.35	\$25.81	\$11,365								\$ 11,365	\$ 2,426	\$ 8,939
10/23/2019	16		439.407	439.41	\$26.01	\$11,429								\$ 11,429	\$ 2,445	\$ 8,984
10/23/2019	17		425.405	425.41	\$32.77	\$13,941								\$ 13,941	\$ 3,080	\$ 10,860
10/23/2019	18		461.887	461.89	\$35.95	\$16,605								\$ 16,605	\$ 3,379	\$ 13,226
10/23/2019	19		452.99	452.99	\$30.27	\$13,712								\$ 13,712	\$ 2,845	\$ 10,867
10/23/2019	20		435.075	435.08	\$26.91	\$11,708								\$ 11,708	\$ 2,530	\$ 9,178
10/23/2019	21		410.395	410.4	\$23.83	\$9,780								\$ 9,780	\$ 2,240	\$ 7,540
10/23/2019	22		382.944	382.94	\$22.89	\$8,765								\$ 8,765	\$ 2,152	\$ 6,614
10/23/2019	23		366.217	366.22	\$22.23	\$8,141								\$ 8,141	\$ 2,090	\$ 6,051
10/24/2019	0		354.517	354.52	\$22.11	\$7,838								\$ 7,838	\$ 2,078	\$ 5,760
10/24/2019	1		350.548	350.55	\$21.69	\$7,603								\$ 7,603	\$ 2,039	\$ 5,565
10/24/2019	2		347.505	347.51	\$21.91	\$7,614								\$ 7,614	\$ 2,060	\$ 5,554
10/24/2019	3		355.375	355.38	\$23.46	\$8,337								\$ 8,337	\$ 2,205	\$ 6,132
10/24/2019	4		383.044	383.04	\$31.02	\$11,882								\$ 11,882	\$ 2,916	\$ 8,966
10/24/2019	5		430.18	430.18	\$51.31	\$22,073								\$ 22,073	\$ 4,823	\$ 17,249
10/24/2019	6		455.937	420.94	\$45.80	\$19,279			15			3	17	\$ 19,279	\$ 4,305	\$ 14,974
10/24/2019	7		455.087	212.09	\$34.59	\$7,336			84			77	82	\$ 7,336	\$ 3,251	\$ 4,085

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)	
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6
10/24/2019	8	450.269	196.27	\$33.75	\$6,624			87			83	84	\$ 6,624	\$ 3,173	\$ 3,452
10/24/2019	9	450.418	200.42	\$32.72	\$6,558			87			80	83	\$ 6,558	\$ 3,076	\$ 3,482
10/24/2019	10	449.687	315.69	\$30.24	\$9,546			45			44	45	\$ 9,546	\$ 2,843	\$ 6,704
10/24/2019	11	448.698	448.7	\$32.29	\$14,489								\$ 14,489	\$ 3,035	\$ 11,453
10/24/2019	12	450.61	450.61	\$32.00	\$14,420								\$ 14,420	\$ 3,008	\$ 11,412
10/24/2019	13	452.477	452.48	\$31.38	\$14,199								\$ 14,199	\$ 2,950	\$ 11,249
10/24/2019	14	455.47	455.47	\$29.75	\$13,550								\$ 13,550	\$ 2,797	\$ 10,754
10/24/2019	15	452.459	452.46	\$31.17	\$14,103								\$ 14,103	\$ 2,930	\$ 11,173
10/24/2019	16	448.583	448.58	\$31.80	\$14,265								\$ 14,265	\$ 2,989	\$ 11,276
10/24/2019	17	451.522	451.52	\$37.90	\$17,113								\$ 17,113	\$ 3,563	\$ 13,550
10/24/2019	18	469.259	469.26	\$40.03	\$18,784								\$ 18,784	\$ 3,763	\$ 15,022
10/24/2019	19	458.482	458.48	\$34.00	\$15,588								\$ 15,588	\$ 3,196	\$ 12,392
10/24/2019	20	439.776	439.78	\$28.48	\$12,525								\$ 12,525	\$ 2,677	\$ 9,848
10/24/2019	21	410.192	410.19	\$26.86	\$11,018								\$ 11,018	\$ 2,525	\$ 8,493
10/24/2019	22	384.565	384.57	\$23.64	\$9,091								\$ 9,091	\$ 2,222	\$ 6,869
10/24/2019	23	366.871	366.87	\$27.22	\$9,986								\$ 9,986	\$ 2,559	\$ 7,428
10/25/2019	0	353.979	353.98	\$25.24	\$8,934								\$ 8,934	\$ 2,373	\$ 6,562
10/25/2019	1	320.322	320.32	\$25.31	\$8,107								\$ 8,107	\$ 2,379	\$ 5,728
10/25/2019	2	302.47	302.47	\$25.13	\$7,601								\$ 7,601	\$ 2,362	\$ 5,239
10/25/2019	3	329.092	329.09	\$26.60	\$8,754								\$ 8,754	\$ 2,500	\$ 6,253
10/25/2019	4	348.665	348.67	\$30.88	\$10,767								\$ 10,767	\$ 2,903	\$ 7,864
10/25/2019	5	385.935	385.94	\$45.94	\$17,730								\$ 17,730	\$ 4,318	\$ 13,412
10/25/2019	6	424.392	424.39	\$43.54	\$18,478								\$ 18,478	\$ 4,093	\$ 14,385
10/25/2019	7	431.285	431.29	\$36.46	\$15,725								\$ 15,725	\$ 3,427	\$ 12,298
10/25/2019	8	433.196	433.2	\$35.90	\$15,552								\$ 15,552	\$ 3,375	\$ 12,177
10/25/2019	9	438.161	438.16	\$34.90	\$15,292								\$ 15,292	\$ 3,281	\$ 12,011
10/25/2019	10	439.197	439.2	\$32.49	\$14,270								\$ 14,270	\$ 3,054	\$ 11,216
10/25/2019	11	435.365	435.37	\$32.02	\$13,941								\$ 13,941	\$ 3,010	\$ 10,931
10/25/2019	12	431.588	431.59	\$32.21	\$13,902								\$ 13,902	\$ 3,028	\$ 10,874
10/25/2019	13	430.771	430.77	\$31.04	\$13,371								\$ 13,371	\$ 2,918	\$ 10,453
10/25/2019	14	401.349	401.35	\$29.80	\$11,960								\$ 11,960	\$ 2,801	\$ 9,159
10/25/2019	15	372.612	372.61	\$31.88	\$11,879								\$ 11,879	\$ 2,997	\$ 8,882
10/25/2019	16	376.558	376.56	\$31.33	\$11,798								\$ 11,798	\$ 2,945	\$ 8,853
10/25/2019	17	381.513	381.51	\$34.26	\$13,071								\$ 13,071	\$ 3,220	\$ 9,850
10/25/2019	18	389.429	389.43	\$37.59	\$14,639								\$ 14,639	\$ 3,533	\$ 11,105
10/25/2019	19	386.467	386.47	\$33.92	\$13,109								\$ 13,109	\$ 3,188	\$ 9,921
10/25/2019	20	374.514	374.51	\$27.30	\$10,224								\$ 10,224	\$ 2,566	\$ 7,658
10/25/2019	21	361.655	361.66	\$25.21	\$9,117								\$ 9,117	\$ 2,370	\$ 6,748
10/25/2019	22	353.818	353.82	\$23.79	\$8,417								\$ 8,417	\$ 2,236	\$ 6,181
10/25/2019	23	337.065	337.07	\$23.64	\$7,968								\$ 7,968	\$ 2,222	\$ 5,746
10/26/2019	0	325.279	325.28	\$23.08	\$7,507								\$ 7,507	\$ 2,170	\$ 5,338
10/26/2019	1	320.355	320.36	\$22.50	\$7,208								\$ 7,208	\$ 2,115	\$ 5,093
10/26/2019	2	319.276	319.28	\$22.20	\$7,088								\$ 7,088	\$ 2,087	\$ 5,001
10/26/2019	3	321.23	321.23	\$22.33	\$7,173								\$ 7,173	\$ 2,099	\$ 5,074
10/26/2019	4	326.129	326.13	\$22.94	\$7,481								\$ 7,481	\$ 2,156	\$ 5,325
10/26/2019	5	338.915	338.92	\$24.44	\$8,283								\$ 8,283	\$ 2,297	\$ 5,986
10/26/2019	6	357.603	357.6	\$27.06	\$9,677								\$ 9,677	\$ 2,544	\$ 7,133
10/26/2019	7	375.325	375.33	\$29.03	\$10,896								\$ 10,896	\$ 2,729	\$ 8,167
10/26/2019	8	396.954	396.95	\$31.99	\$12,698								\$ 12,698	\$ 3,007	\$ 9,691
10/26/2019	9	411.388	411.39	\$29.94	\$12,317								\$ 12,317	\$ 2,814	\$ 9,503
10/26/2019	10	417.032	417.03	\$27.40	\$11,427								\$ 11,427	\$ 2,576	\$ 8,851
10/26/2019	11	415.013	415.01	\$27.95	\$11,600								\$ 11,600	\$ 2,627	\$ 8,972
10/26/2019	12	410.039	410.04	\$25.24	\$10,349								\$ 10,349	\$ 2,373	\$ 7,977
10/26/2019	13	407.094	407.09	\$24.49	\$9,970								\$ 9,970	\$ 2,302	\$ 7,668
10/26/2019	14	405.07	405.07	\$23.11	\$9,361								\$ 9,361	\$ 2,172	\$ 7,189
10/26/2019	15	407.91	407.91	\$23.03	\$9,394								\$ 9,394	\$ 2,165	\$ 7,229



Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Demand (MW)	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
10/26/2019	16	409.836	409.84	\$24.51	\$10,045									\$ 10,045	\$ 2,304	\$ 7,741
10/26/2019	17	410.747	410.75	\$30.51	\$12,532									\$ 12,532	\$ 2,868	\$ 9,664
10/26/2019	18	417.664	417.66	\$30.15	\$12,592									\$ 12,592	\$ 2,834	\$ 9,758
10/26/2019	19	410.681	410.68	\$26.58	\$10,916									\$ 10,916	\$ 2,499	\$ 8,417
10/26/2019	20	398.886	398.89	\$22.57	\$9,003									\$ 9,003	\$ 2,122	\$ 6,881
10/26/2019	21	383.166	383.17	\$21.30	\$8,162									\$ 8,162	\$ 2,002	\$ 6,159
10/26/2019	22	363.563	363.56	\$19.92	\$7,242									\$ 7,242	\$ 1,872	\$ 5,370
10/26/2019	23	345.104	345.1	\$17.85	\$6,160									\$ 6,160	\$ 1,678	\$ 4,482
10/27/2019	0	330.254	330.25	\$17.56	\$5,799									\$ 5,799	\$ 1,651	\$ 4,149
10/27/2019	1	318.683	318.68	\$15.64	\$4,984									\$ 4,984	\$ 1,470	\$ 3,514
10/27/2019	2	308.862	308.86	\$15.08	\$4,658									\$ 4,658	\$ 1,418	\$ 3,240
10/27/2019	3	309.807	309.81	\$15.07	\$4,669									\$ 4,669	\$ 1,417	\$ 3,252
10/27/2019	4	313.671	313.67	\$17.14	\$5,376									\$ 5,376	\$ 1,611	\$ 3,765
10/27/2019	5	323.537	323.54	\$17.95	\$5,808									\$ 5,808	\$ 1,687	\$ 4,120
10/27/2019	6	339.014	339.01	\$18.65	\$6,323									\$ 6,323	\$ 1,753	\$ 4,569
10/27/2019	7	354.602	354.6	\$21.07	\$7,471									\$ 7,471	\$ 1,981	\$ 5,491
10/27/2019	8	369.309	369.31	\$22.60	\$8,346									\$ 8,346	\$ 2,124	\$ 6,222
10/27/2019	9	381.29	381.29	\$23.00	\$8,770									\$ 8,770	\$ 2,162	\$ 6,608
10/27/2019	10	385.263	385.26	\$22.87	\$8,811									\$ 8,811	\$ 2,150	\$ 6,661
10/27/2019	11	385.34	385.34	\$23.45	\$9,036									\$ 9,036	\$ 2,204	\$ 6,832
10/27/2019	12	380.425	380.43	\$22.97	\$8,738									\$ 8,738	\$ 2,159	\$ 6,579
10/27/2019	13	377.455	377.46	\$22.95	\$8,663									\$ 8,663	\$ 2,157	\$ 6,505
10/27/2019	14	377.395	377.4	\$23.21	\$8,759									\$ 8,759	\$ 2,182	\$ 6,578
10/27/2019	15	387.159	387.16	\$24.30	\$9,408									\$ 9,408	\$ 2,284	\$ 7,124
10/27/2019	16	393.993	393.99	\$27.99	\$11,028									\$ 11,028	\$ 2,631	\$ 8,397
10/27/2019	17	399.914	399.91	\$32.00	\$12,797									\$ 12,797	\$ 3,008	\$ 9,789
10/27/2019	18	418.603	418.6	\$32.18	\$13,471									\$ 13,471	\$ 3,025	\$ 10,446
10/27/2019	19	412.661	412.66	\$28.88	\$11,918									\$ 11,918	\$ 2,715	\$ 9,203
10/27/2019	20	396.98	396.98	\$25.27	\$10,032									\$ 10,032	\$ 2,375	\$ 7,656
10/27/2019	21	376.555	376.56	\$22.54	\$8,488									\$ 8,488	\$ 2,119	\$ 6,369
10/27/2019	22	352.924	352.92	\$21.20	\$7,482									\$ 7,482	\$ 1,993	\$ 5,489
10/27/2019	23	337.184	337.18	\$18.62	\$6,278									\$ 6,278	\$ 1,750	\$ 4,528
10/28/2019	0	331.472	331.47	\$18.68	\$6,192									\$ 6,192	\$ 1,756	\$ 4,436
10/28/2019	1	329.574	329.57	\$18.25	\$6,015									\$ 6,015	\$ 1,716	\$ 4,299
10/28/2019	2	330.593	330.59	\$18.57	\$6,139									\$ 6,139	\$ 1,746	\$ 4,393
10/28/2019	3	343.512	343.51	\$19.65	\$6,750									\$ 6,750	\$ 1,847	\$ 4,903
10/28/2019	4	370.067	370.07	\$22.78	\$8,430									\$ 8,430	\$ 2,141	\$ 6,289
10/28/2019	5	417.272	417.27	\$31.15	\$12,998									\$ 12,998	\$ 2,928	\$ 10,070
10/28/2019	6	448.54	448.54	\$33.99	\$15,246									\$ 15,246	\$ 3,195	\$ 12,051
10/28/2019	7	449.492	449.49	\$31.22	\$14,033									\$ 14,033	\$ 2,935	\$ 11,098
10/28/2019	8	443.481	443.48	\$31.08	\$13,783									\$ 13,783	\$ 2,922	\$ 10,862
10/28/2019	9	446.413	446.41	\$30.10	\$13,437									\$ 13,437	\$ 2,829	\$ 10,608
10/28/2019	10	446.382	446.38	\$29.09	\$12,985									\$ 12,985	\$ 2,734	\$ 10,251
10/28/2019	11	446.359	446.36	\$29.64	\$13,230									\$ 13,230	\$ 2,786	\$ 10,444
10/28/2019	12	449.344	449.34	\$29.18	\$13,112									\$ 13,112	\$ 2,743	\$ 10,369
10/28/2019	13	452.291	452.29	\$28.63	\$12,949									\$ 12,949	\$ 2,691	\$ 10,258
10/28/2019	14	453.285	453.29	\$26.75	\$12,126									\$ 12,126	\$ 2,515	\$ 9,611
10/28/2019	15	449.308	449.31	\$27.55	\$12,378									\$ 12,378	\$ 2,590	\$ 9,789
10/28/2019	16	452.202	452.2	\$29.91	\$13,525									\$ 13,525	\$ 2,812	\$ 10,714
10/28/2019	17	456.433	456.43	\$35.18	\$16,057									\$ 16,057	\$ 3,307	\$ 12,750
10/28/2019	18	473.091	473.09	\$36.33	\$17,187									\$ 17,187	\$ 3,415	\$ 13,772
10/28/2019	19	459.297	459.3	\$31.36	\$14,404									\$ 14,404	\$ 2,948	\$ 11,456
10/28/2019	20	436.193	436.19	\$27.00	\$11,777									\$ 11,777	\$ 2,538	\$ 9,239
10/28/2019	21	408.876	408.88	\$23.41	\$9,572									\$ 9,572	\$ 2,201	\$ 7,371
10/28/2019	22	380.461	380.46	\$21.64	\$8,233									\$ 8,233	\$ 2,034	\$ 6,199
10/28/2019	23	363.671	363.67	\$19.70	\$7,164									\$ 7,164	\$ 1,852	\$ 5,312

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)	
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6
10/29/2019	0	351.832	351.83	\$19.35	\$6,808								\$ 6,808	\$ 1,819	\$ 4,989
10/29/2019	1	343.846	343.85	\$18.88	\$6,492								\$ 6,492	\$ 1,775	\$ 4,717
10/29/2019	2	339.824	339.82	\$18.51	\$6,290								\$ 6,290	\$ 1,740	\$ 4,550
10/29/2019	3	346.555	346.56	\$19.66	\$6,813								\$ 6,813	\$ 1,848	\$ 4,965
10/29/2019	4	369.257	369.26	\$22.48	\$8,301								\$ 8,301	\$ 2,113	\$ 6,188
10/29/2019	5	411.652	411.65	\$29.79	\$12,263								\$ 12,263	\$ 2,800	\$ 9,463
10/29/2019	6	444.004	444	\$31.72	\$14,084								\$ 14,084	\$ 2,982	\$ 11,102
10/29/2019	7	445.024	445.02	\$28.85	\$12,839								\$ 12,839	\$ 2,712	\$ 10,127
10/29/2019	8	441.909	441.91	\$28.91	\$12,776								\$ 12,776	\$ 2,718	\$ 10,058
10/29/2019	9	446.723	446.72	\$29.65	\$13,245								\$ 13,245	\$ 2,787	\$ 10,458
10/29/2019	10	445.837	445.84	\$29.34	\$13,081								\$ 13,081	\$ 2,758	\$ 10,323
10/29/2019	11	445.756	445.76	\$29.36	\$13,088								\$ 13,088	\$ 2,760	\$ 10,328
10/29/2019	12	442.821	442.82	\$28.88	\$12,789								\$ 12,789	\$ 2,715	\$ 10,074
10/29/2019	13	443.816	443.82	\$28.29	\$12,556								\$ 12,556	\$ 2,659	\$ 9,896
10/29/2019	14	443.865	443.87	\$27.45	\$12,184								\$ 12,184	\$ 2,580	\$ 9,604
10/29/2019	15	444.839	444.84	\$28.08	\$12,491								\$ 12,491	\$ 2,640	\$ 9,852
10/29/2019	16	444.873	444.87	\$30.73	\$13,671								\$ 13,671	\$ 2,889	\$ 10,782
10/29/2019	17	451.626	451.63	\$36.91	\$16,670								\$ 16,670	\$ 3,470	\$ 13,200
10/29/2019	18	465.423	465.42	\$36.47	\$16,974								\$ 16,974	\$ 3,428	\$ 13,546
10/29/2019	19	456.743	456.74	\$32.04	\$14,634								\$ 14,634	\$ 3,012	\$ 11,622
10/29/2019	20	437.464	437.46	\$28.00	\$12,249								\$ 12,249	\$ 2,632	\$ 9,617
10/29/2019	21	399.381	399.38	\$23.89	\$9,541								\$ 9,541	\$ 2,246	\$ 7,296
10/29/2019	22	388.714	388.71	\$22.41	\$8,711								\$ 8,711	\$ 2,107	\$ 6,604
10/29/2019	23	370.919	370.92	\$22.28	\$8,264								\$ 8,264	\$ 2,094	\$ 6,170
10/30/2019	0	362.071	362.07	\$21.73	\$7,868								\$ 7,868	\$ 2,043	\$ 5,825
10/30/2019	1	353.212	353.21	\$20.94	\$7,396								\$ 7,396	\$ 1,968	\$ 5,428
10/30/2019	2	350.148	350.15	\$20.40	\$7,143								\$ 7,143	\$ 1,918	\$ 5,225
10/30/2019	3	355.952	355.95	\$21.37	\$7,607								\$ 7,607	\$ 2,009	\$ 5,598
10/30/2019	4	377.496	377.5	\$23.00	\$8,683								\$ 8,683	\$ 2,162	\$ 6,521
10/30/2019	5	421.474	421.47	\$31.30	\$13,192								\$ 13,192	\$ 2,942	\$ 10,250
10/30/2019	6	451.168	451.17	\$35.58	\$16,053								\$ 16,053	\$ 3,345	\$ 12,708
10/30/2019	7	452.662	410.66	\$32.81	\$13,474								\$ 13,474	\$ 3,084	\$ 10,390
10/30/2019	8	451.888	446.89	\$32.98	\$14,738				42				\$ 14,738	\$ 3,100	\$ 11,638
10/30/2019	9	453.83	453.83	\$33.05	\$14,999				5				\$ 14,999	\$ 3,107	\$ 11,892
10/30/2019	10	454.728	454.73	\$32.99	\$15,002								\$ 15,002	\$ 3,101	\$ 11,900
10/30/2019	11	454.527	454.53	\$33.85	\$15,386								\$ 15,386	\$ 3,182	\$ 12,204
10/30/2019	12	454.679	454.68	\$33.89	\$15,409								\$ 15,409	\$ 3,186	\$ 12,223
10/30/2019	13	454.558	454.56	\$33.15	\$15,069								\$ 15,069	\$ 3,116	\$ 11,953
10/30/2019	14	457.47	457.47	\$30.45	\$13,930								\$ 13,930	\$ 2,862	\$ 11,068
10/30/2019	15	461.155	461.16	\$31.56	\$14,554								\$ 14,554	\$ 2,967	\$ 11,588
10/30/2019	16	461.035	461.04	\$32.59	\$15,025								\$ 15,025	\$ 3,063	\$ 11,962
10/30/2019	17	468.808	468.81	\$35.84	\$16,802								\$ 16,802	\$ 3,369	\$ 13,433
10/30/2019	18	477.88	477.88	\$34.46	\$16,468								\$ 16,468	\$ 3,239	\$ 13,229
10/30/2019	19	466.503	466.5	\$32.48	\$15,152								\$ 15,152	\$ 3,053	\$ 12,099
10/30/2019	20	448.74	448.74	\$27.51	\$12,345								\$ 12,345	\$ 2,586	\$ 9,759
10/30/2019	21	421.452	421.45	\$23.73	\$10,001								\$ 10,001	\$ 2,231	\$ 7,770
10/30/2019	22	394.041	394.04	\$22.51	\$8,870								\$ 8,870	\$ 2,116	\$ 6,754
10/30/2019	23	372.499	372.5	\$21.14	\$7,875								\$ 7,875	\$ 1,987	\$ 5,887
10/31/2019	0	360.765	360.77	\$20.57	\$7,421								\$ 7,421	\$ 1,934	\$ 5,487
10/31/2019	1	352.072	352.07	\$19.55	\$6,883								\$ 6,883	\$ 1,838	\$ 5,045
10/31/2019	2	346.185	346.19	\$19.37	\$6,706								\$ 6,706	\$ 1,821	\$ 4,885
10/31/2019	3	352.961	352.96	\$20.48	\$7,229								\$ 7,229	\$ 1,925	\$ 5,304
10/31/2019	4	375.611	375.61	\$22.28	\$8,369								\$ 8,369	\$ 2,094	\$ 6,274
10/31/2019	5	419.357	419.36	\$27.57	\$11,562								\$ 11,562	\$ 2,592	\$ 8,970
10/31/2019	6	450.962	450.96	\$31.54	\$14,223								\$ 14,223	\$ 2,965	\$ 11,259
10/31/2019	7	460.558	460.56	\$29.01	\$13,361								\$ 13,361	\$ 2,727	\$ 10,634

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)			
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6		
10/31/2019	8	463.343	463.34	\$29.71	\$13,766							\$	13,766	\$	2,793	\$	10,973
10/31/2019	9	463.06	463.06	\$31.82	\$14,735							\$	14,735	\$	2,991	\$	11,743
10/31/2019	10	461.864	461.86	\$32.30	\$14,918							\$	14,918	\$	3,036	\$	11,882
10/31/2019	11	464.746	464.75	\$32.50	\$15,104							\$	15,104	\$	3,055	\$	12,049
10/31/2019	12	469.802	469.8	\$31.82	\$14,949							\$	14,949	\$	2,991	\$	11,958
10/31/2019	13	469.032	469.03	\$30.87	\$14,479							\$	14,479	\$	2,902	\$	11,577
10/31/2019	14	471.118	471.12	\$29.99	\$14,129							\$	14,129	\$	2,819	\$	11,310
10/31/2019	15	479.773	479.77	\$30.95	\$14,849							\$	14,849	\$	2,909	\$	11,940
10/31/2019	16	485.548	485.55	\$30.75	\$14,931							\$	14,931	\$	2,891	\$	12,040
10/31/2019	17	488.617	488.62	\$35.39	\$17,292							\$	17,292	\$	3,327	\$	13,966
10/31/2019	18	497.321	497.32	\$38.18	\$18,988							\$	18,988	\$	3,589	\$	15,399
10/31/2019	19	499.62	499.62	\$39.49	\$19,730							\$	19,730	\$	3,712	\$	16,018
10/31/2019	20	492.156	492.16	\$34.45	\$16,955							\$	16,955	\$	3,238	\$	13,717
10/31/2019	21	470.484	470.48	\$25.76	\$12,120							\$	12,120	\$	2,421	\$	9,698
10/31/2019	22	443.073	443.07	\$22.91	\$10,151							\$	10,151	\$	2,154	\$	7,997
10/31/2019	23	426.28	426.28	\$22.96	\$9,787							\$	9,787	\$	2,158	\$	7,629
11/1/2019	0	415.593	415.59	\$23.03	\$9,571							\$	9,571	\$	2,165	\$	7,406
11/1/2019	1	408.854	408.85	\$22.79	\$9,318							\$	9,318	\$	2,142	\$	7,175
11/1/2019	2	406.825	406.83	\$23.00	\$9,357							\$	9,357	\$	2,162	\$	7,195
11/1/2019	3	418.682	418.68	\$24.11	\$10,094							\$	10,094	\$	2,266	\$	7,828
11/1/2019	4	445.662	445.66	\$28.59	\$12,741							\$	12,741	\$	2,687	\$	10,054
11/1/2019	5	488.555	488.56	\$38.32	\$18,722							\$	18,722	\$	3,602	\$	15,120
11/1/2019	6	523.796	523.8	\$47.26	\$24,755							\$	24,755	\$	4,442	\$	20,312
11/1/2019	7	523.232	523.23	\$38.24	\$20,008							\$	20,008	\$	3,595	\$	16,414
11/1/2019	8	509.372	509.37	\$34.70	\$17,675							\$	17,675	\$	3,262	\$	14,413
11/1/2019	9	496.533	496.53	\$33.97	\$16,867							\$	16,867	\$	3,193	\$	13,674
11/1/2019	10	478.942	478.94	\$33.03	\$15,819							\$	15,819	\$	3,105	\$	12,715
11/1/2019	11	467.128	467.13	\$30.70	\$14,341							\$	14,341	\$	2,886	\$	11,455
11/1/2019	12	457.398	457.4	\$29.93	\$13,690							\$	13,690	\$	2,813	\$	10,877
11/1/2019	13	450.584	450.58	\$28.17	\$12,693							\$	12,693	\$	2,648	\$	10,045
11/1/2019	14	442.985	442.99	\$26.86	\$11,899							\$	11,899	\$	2,525	\$	9,374
11/1/2019	15	437.03	437.03	\$27.92	\$12,202							\$	12,202	\$	2,624	\$	9,577
11/1/2019	16	437.023	437.02	\$31.05	\$13,569							\$	13,569	\$	2,919	\$	10,651
11/1/2019	17	450.69	450.69	\$37.01	\$16,680							\$	16,680	\$	3,479	\$	13,201
11/1/2019	18	472.496	472.5	\$37.09	\$17,525							\$	17,525	\$	3,486	\$	14,039
11/1/2019	19	468.287	468.29	\$34.62	\$16,212							\$	16,212	\$	3,254	\$	12,958
11/1/2019	20	463.885	463.89	\$30.55	\$14,172							\$	14,172	\$	2,872	\$	11,300
11/1/2019	21	445.145	445.15	\$27.13	\$12,077							\$	12,077	\$	2,550	\$	9,527
11/1/2019	22	428.752	428.75	\$25.47	\$10,920							\$	10,920	\$	2,394	\$	8,526
11/1/2019	23	413.096	413.1	\$28.62	\$11,823							\$	11,823	\$	2,690	\$	9,133
11/2/2019	0	406.315	406.32	\$27.08	\$11,003							\$	11,003	\$	2,546	\$	8,458
11/2/2019	1	402.453	402.45	\$25.61	\$10,307							\$	10,307	\$	2,407	\$	7,899
11/2/2019	2	401.494	401.49	\$25.55	\$10,258							\$	10,258	\$	2,402	\$	7,856
11/2/2019	3	403.456	403.46	\$26.41	\$10,655							\$	10,655	\$	2,483	\$	8,173
11/2/2019	4	413.302	413.3	\$28.79	\$11,899							\$	11,899	\$	2,706	\$	9,193
11/2/2019	5	429.347	429.35	\$36.01	\$15,461							\$	15,461	\$	3,385	\$	12,076
11/2/2019	6	449.856	449.86	\$43.44	\$19,542							\$	19,542	\$	4,083	\$	15,459
11/2/2019	7	459.542	459.54	\$40.31	\$18,524							\$	18,524	\$	3,789	\$	14,735
11/2/2019	8	458.881	458.88	\$37.10	\$17,024							\$	17,024	\$	3,487	\$	13,537
11/2/2019	9	450.129	450.13	\$34.31	\$15,444							\$	15,444	\$	3,225	\$	12,219
11/2/2019	10	439.413	439.41	\$29.14	\$12,804							\$	12,804	\$	2,739	\$	10,065
11/2/2019	11	431.171	431.17	\$26.76	\$11,538							\$	11,538	\$	2,515	\$	9,023
11/2/2019	12	425.083	425.08	\$26.36	\$11,205							\$	11,205	\$	2,478	\$	8,727
11/2/2019	13	411.244	411.24	\$25.55	\$10,507							\$	10,507	\$	2,402	\$	8,105
11/2/2019	14	404.114	404.11	\$25.49	\$10,301							\$	10,301	\$	2,396	\$	7,905
11/2/2019	15	404.015	404.02	\$26.33	\$10,638							\$	10,638	\$	2,475	\$	8,163

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)			
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6		
11/2/2019	16	406.616	406.62	\$27.97	\$11,373							\$	11,373	\$	2,629	\$	8,744
11/2/2019	17	421.736	421.74	\$34.96	\$14,744							\$	14,744	\$	3,286	\$	11,458
11/2/2019	18	436.744	436.74	\$37.16	\$16,229							\$	16,229	\$	3,493	\$	12,736
11/2/2019	19	432.804	432.8	\$34.51	\$14,936							\$	14,936	\$	3,244	\$	11,692
11/2/2019	20	423.922	423.92	\$31.29	\$13,264							\$	13,264	\$	2,941	\$	10,323
11/2/2019	21	411.056	411.06	\$25.69	\$10,560							\$	10,560	\$	2,415	\$	8,145
11/2/2019	22	396.273	396.27	\$25.27	\$10,014							\$	10,014	\$	2,375	\$	7,638
11/2/2019	23	384.497	384.5	\$25.03	\$9,624							\$	9,624	\$	2,353	\$	7,271
11/3/2019	0	370.601	370.6	\$23.44	\$8,687							\$	8,687	\$	2,203	\$	6,484
11/3/2019	1	370.601	370.6	\$0.00	\$0							\$	-	\$	-	\$	-
11/3/2019	2	360.539	360.54	\$23.55	\$8,491							\$	8,491	\$	2,214	\$	6,277
11/3/2019	3	371.402	371.4	\$23.34	\$8,668							\$	8,668	\$	2,194	\$	6,475
11/3/2019	4	372.29	372.29	\$23.78	\$8,853							\$	8,853	\$	2,235	\$	6,618
11/3/2019	5	379.165	379.17	\$24.06	\$9,123							\$	9,123	\$	2,262	\$	6,861
11/3/2019	6	390.913	390.91	\$26.43	\$10,332							\$	10,332	\$	2,484	\$	7,847
11/3/2019	7	405.481	405.48	\$30.62	\$12,416							\$	12,416	\$	2,878	\$	9,538
11/3/2019	8	419.308	419.31	\$31.72	\$13,301							\$	13,301	\$	2,982	\$	10,319
11/3/2019	9	426.562	426.56	\$27.86	\$11,884							\$	11,884	\$	2,619	\$	9,265
11/3/2019	10	419.933	419.93	\$25.20	\$10,582							\$	10,582	\$	2,369	\$	8,213
11/3/2019	11	412.063	412.06	\$24.20	\$9,972							\$	9,972	\$	2,275	\$	7,697
11/3/2019	12	403.101	403.1	\$23.91	\$9,638							\$	9,638	\$	2,248	\$	7,391
11/3/2019	13	398.146	398.15	\$23.75	\$9,456							\$	9,456	\$	2,233	\$	7,224
11/3/2019	14	391.147	391.15	\$23.41	\$9,157							\$	9,157	\$	2,201	\$	6,956
11/3/2019	15	386.328	386.33	\$24.09	\$9,307							\$	9,307	\$	2,264	\$	7,042
11/3/2019	16	389.058	389.06	\$27.06	\$10,528							\$	10,528	\$	2,544	\$	7,984
11/3/2019	17	400.787	400.79	\$43.58	\$17,466							\$	17,466	\$	4,097	\$	13,370
11/3/2019	18	423.531	423.53	\$37.99	\$16,090							\$	16,090	\$	3,571	\$	12,519
11/3/2019	19	448.124	448.12	\$36.55	\$16,379							\$	16,379	\$	3,436	\$	12,943
11/3/2019	20	448.015	448.02	\$33.72	\$15,107							\$	15,107	\$	3,170	\$	11,938
11/3/2019	21	439.16	439.16	\$29.56	\$12,982							\$	12,982	\$	2,779	\$	10,203
11/3/2019	22	422.316	422.32	\$25.59	\$10,807							\$	10,807	\$	2,405	\$	8,402
11/3/2019	23	402.448	402.45	\$24.29	\$9,776							\$	9,776	\$	2,283	\$	7,492
11/4/2019	0	383.826	383.83	\$23.58	\$9,051							\$	9,051	\$	2,217	\$	6,834
11/4/2019	1	368.885	368.89	\$23.26	\$8,580							\$	8,580	\$	2,186	\$	6,394
11/4/2019	2	370.78	370.78	\$23.05	\$8,546							\$	8,546	\$	2,167	\$	6,380
11/4/2019	3	372.665	372.67	\$23.24	\$8,661							\$	8,661	\$	2,185	\$	6,476
11/4/2019	4	390.346	390.35	\$25.42	\$9,923							\$	9,923	\$	2,389	\$	7,533
11/4/2019	5	419.093	419.09	\$37.80	\$15,842							\$	15,842	\$	3,553	\$	12,288
11/4/2019	6	466.002	466	\$51.83	\$24,153							\$	24,153	\$	4,872	\$	19,281
11/4/2019	7	484.184	484.18	\$48.02	\$23,250							\$	23,250	\$	4,514	\$	18,736
11/4/2019	8	474.183	474.18	\$38.92	\$18,455							\$	18,455	\$	3,658	\$	14,797
11/4/2019	9	463.262	463.26	\$35.92	\$16,640							\$	16,640	\$	3,376	\$	13,264
11/4/2019	10	457.425	457.43	\$35.32	\$16,156							\$	16,156	\$	3,320	\$	12,836
11/4/2019	11	455.797	455.8	\$33.88	\$15,443							\$	15,443	\$	3,185	\$	12,258
11/4/2019	12	450.869	450.87	\$31.59	\$14,243							\$	14,243	\$	2,969	\$	11,274
11/4/2019	13	447.784	447.78	\$33.27	\$14,898							\$	14,898	\$	3,127	\$	11,770
11/4/2019	14	447.592	447.59	\$28.16	\$12,604							\$	12,604	\$	2,647	\$	9,957
11/4/2019	15	448.518	448.52	\$28.48	\$12,774							\$	12,774	\$	2,677	\$	10,097
11/4/2019	16	449.376	449.38	\$34.73	\$15,607							\$	15,607	\$	3,265	\$	12,342
11/4/2019	17	467.271	467.27	\$51.78	\$24,195							\$	24,195	\$	4,867	\$	19,328
11/4/2019	18	480.17	480.17	\$42.91	\$20,604							\$	20,604	\$	4,034	\$	16,571
11/4/2019	19	475.264	475.26	\$39.79	\$18,911							\$	18,911	\$	3,740	\$	15,170
11/4/2019	20	461.268	461.27	\$35.24	\$16,255							\$	16,255	\$	3,313	\$	12,943
11/4/2019	21	444.319	444.32	\$32.83	\$14,587							\$	14,587	\$	3,086	\$	11,501
11/4/2019	22	420.827	420.83	\$27.65	\$11,636							\$	11,636	\$	2,599	\$	9,037
11/4/2019	23	396.297	396.3	\$24.14	\$9,567							\$	9,567	\$	2,269	\$	7,298

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
11/5/2019	0		379.537	379.54	\$23.96	\$9,094								\$ 9,094	\$ 2,252	\$ 6,842
11/5/2019	1		371.7	371.7	\$23.49	\$8,731								\$ 8,731	\$ 2,208	\$ 6,523
11/5/2019	2		364.864	364.86	\$23.04	\$8,406								\$ 8,406	\$ 2,166	\$ 6,241
11/5/2019	3		362.881	362.88	\$23.33	\$8,466								\$ 8,466	\$ 2,193	\$ 6,273
11/5/2019	4		372.729	372.73	\$28.57	\$10,649								\$ 10,649	\$ 2,686	\$ 7,963
11/5/2019	5		393.352	393.35	\$27.65	\$10,876								\$ 10,876	\$ 2,599	\$ 8,277
11/5/2019	6		430.78	430.78	\$43.03	\$18,536								\$ 18,536	\$ 4,045	\$ 14,492
11/5/2019	7		457.36	457.36	\$44.51	\$20,357								\$ 20,357	\$ 4,184	\$ 16,173
11/5/2019	8		466.137	466.14	\$39.88	\$18,590								\$ 18,590	\$ 3,749	\$ 14,841
11/5/2019	9		469.133	469.13	\$38.80	\$18,202								\$ 18,202	\$ 3,647	\$ 14,555
11/5/2019	10		471.781	471.78	\$38.72	\$18,267								\$ 18,267	\$ 3,640	\$ 14,628
11/5/2019	11		462.724	462.72	\$37.49	\$17,347								\$ 17,347	\$ 3,524	\$ 13,823
11/5/2019	12		453.695	453.7	\$33.98	\$15,417								\$ 15,417	\$ 3,194	\$ 12,223
11/5/2019	13		448.722	448.72	\$34.61	\$15,530								\$ 15,530	\$ 3,253	\$ 12,277
11/5/2019	14		444.916	444.92	\$30.45	\$13,548								\$ 13,548	\$ 2,862	\$ 10,686
11/5/2019	15		447.992	447.99	\$30.41	\$13,623								\$ 13,623	\$ 2,859	\$ 10,765
11/5/2019	16		449.212	449.21	\$36.88	\$16,567								\$ 16,567	\$ 3,467	\$ 13,100
11/5/2019	17		466.05	466.05	\$49.67	\$23,149								\$ 23,149	\$ 4,669	\$ 18,480
11/5/2019	18		488.81	488.81	\$46.68	\$22,818								\$ 22,818	\$ 4,388	\$ 18,430
11/5/2019	19		491.824	491.82	\$44.62	\$21,945								\$ 21,945	\$ 4,194	\$ 17,751
11/5/2019	20		482.797	482.8	\$42.20	\$20,374								\$ 20,374	\$ 3,967	\$ 16,407
11/5/2019	21		470.041	470.04	\$40.53	\$19,051								\$ 19,051	\$ 3,810	\$ 15,241
11/5/2019	22		449.472	449.47	\$31.93	\$14,352								\$ 14,352	\$ 3,001	\$ 11,350
11/5/2019	23		430.835	430.84	\$27.81	\$11,982								\$ 11,982	\$ 2,614	\$ 9,368
11/6/2019	0		417.089	417.09	\$26.68	\$11,128								\$ 11,128	\$ 2,508	\$ 8,620
11/6/2019	1		410.222	410.22	\$26.44	\$10,846								\$ 10,846	\$ 2,485	\$ 8,361
11/6/2019	2		406.224	406.22	\$25.87	\$10,509								\$ 10,509	\$ 2,432	\$ 8,077
11/6/2019	3		407.139	407.14	\$26.45	\$10,769								\$ 10,769	\$ 2,486	\$ 8,283
11/6/2019	4		420.69	420.69	\$29.15	\$12,263								\$ 12,263	\$ 2,740	\$ 9,523
11/6/2019	5		450.856	450.86	\$32.48	\$14,644								\$ 14,644	\$ 3,053	\$ 11,591
11/6/2019	6		499.846	499.85	\$45.48	\$22,733								\$ 22,733	\$ 4,275	\$ 18,458
11/6/2019	7		516.381	516.38	\$47.16	\$24,352								\$ 24,352	\$ 4,433	\$ 19,919
11/6/2019	8		504.571	504.57	\$40.22	\$20,294								\$ 20,294	\$ 3,781	\$ 16,513
11/6/2019	9		488.903	488.9	\$36.54	\$17,864								\$ 17,864	\$ 3,435	\$ 14,430
11/6/2019	10		477.373	477.37	\$34.20	\$16,326								\$ 16,326	\$ 3,215	\$ 13,111
11/6/2019	11		465.63	465.63	\$31.91	\$14,858								\$ 14,858	\$ 3,000	\$ 11,859
11/6/2019	12		455.79	455.79	\$30.10	\$13,719								\$ 13,719	\$ 2,829	\$ 10,890
11/6/2019	13		452.894	452.89	\$30.45	\$13,791								\$ 13,791	\$ 2,862	\$ 10,928
11/6/2019	14		454.982	454.98	\$28.46	\$12,949								\$ 12,949	\$ 2,675	\$ 10,273
11/6/2019	15		460.906	460.91	\$28.60	\$13,182								\$ 13,182	\$ 2,688	\$ 10,494
11/6/2019	16		464.862	464.86	\$31.57	\$14,676								\$ 14,676	\$ 2,968	\$ 11,708
11/6/2019	17		482.407	482.41	\$44.79	\$21,607								\$ 21,607	\$ 4,210	\$ 17,397
11/6/2019	18		489.242	489.24	\$41.22	\$20,166								\$ 20,166	\$ 3,875	\$ 16,292
11/6/2019	19		484.405	484.41	\$39.75	\$19,255								\$ 19,255	\$ 3,737	\$ 15,519
11/6/2019	20		471.554	471.55	\$37.59	\$17,726								\$ 17,726	\$ 3,533	\$ 14,192
11/6/2019	21		452.849	452.85	\$34.17	\$15,474								\$ 15,474	\$ 3,212	\$ 12,262
11/6/2019	22		427.421	427.42	\$29.37	\$12,553								\$ 12,553	\$ 2,761	\$ 9,793
11/6/2019	23		404.001	404	\$26.64	\$10,763								\$ 10,763	\$ 2,504	\$ 8,258
11/7/2019	0		384.396	384.4	\$25.43	\$9,775								\$ 9,775	\$ 2,390	\$ 7,385
11/7/2019	1		374.61	374.61	\$24.88	\$9,320								\$ 9,320	\$ 2,339	\$ 6,982
11/7/2019	2		366.762	366.76	\$24.18	\$8,868								\$ 8,868	\$ 2,273	\$ 6,595
11/7/2019	3		365.637	365.64	\$25.02	\$9,148								\$ 9,148	\$ 2,352	\$ 6,796
11/7/2019	4		373.392	373.39	\$27.37	\$10,220								\$ 10,220	\$ 2,573	\$ 7,647
11/7/2019	5		397.918	397.92	\$30.79	\$12,252								\$ 12,252	\$ 2,894	\$ 9,358
11/7/2019	6		442.954	442.95	\$40.37	\$17,882								\$ 17,882	\$ 3,795	\$ 14,087
11/7/2019	7		467.313	467.31	\$41.36	\$19,328								\$ 19,328	\$ 3,888	\$ 15,440

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)	
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6
11/7/2019	8	473.202	471.2	\$36.97	\$17,420							2	\$ 17,420	\$ 3,475	\$ 13,945
11/7/2019	9	483.096	346.1	\$36.93	\$12,781				38		45	54	\$ 12,781	\$ 3,471	\$ 9,310
11/7/2019	10	488.827	456.83	\$37.90	\$17,314				18		10	4	\$ 17,314	\$ 3,563	\$ 13,751
11/7/2019	11	496.749	496.75	\$36.80	\$18,280								\$ 18,280	\$ 3,459	\$ 14,821
11/7/2019	12	504.804	504.8	\$37.12	\$18,738								\$ 18,738	\$ 3,489	\$ 15,249
11/7/2019	13	505.678	505.68	\$37.71	\$19,069								\$ 19,069	\$ 3,545	\$ 15,524
11/7/2019	14	510.567	510.57	\$33.28	\$16,992								\$ 16,992	\$ 3,128	\$ 13,863
11/7/2019	15	510.543	510.54	\$33.02	\$16,858								\$ 16,858	\$ 3,104	\$ 13,754
11/7/2019	16	509.165	509.17	\$36.46	\$18,564								\$ 18,564	\$ 3,427	\$ 15,137
11/7/2019	17	529.319	529.32	\$47.99	\$25,402								\$ 25,402	\$ 4,511	\$ 20,891
11/7/2019	18	537.522	537.52	\$46.14	\$24,801								\$ 24,801	\$ 4,337	\$ 20,464
11/7/2019	19	539.472	539.47	\$45.50	\$24,546								\$ 24,546	\$ 4,277	\$ 20,269
11/7/2019	20	530.492	530.49	\$43.20	\$22,917								\$ 22,917	\$ 4,061	\$ 18,856
11/7/2019	21	516.504	516.5	\$39.74	\$20,526								\$ 20,526	\$ 3,736	\$ 16,790
11/7/2019	22	493.059	493.06	\$33.72	\$16,626								\$ 16,626	\$ 3,170	\$ 13,456
11/7/2019	23	472.455	472.46	\$28.64	\$13,531								\$ 13,531	\$ 2,692	\$ 10,839
11/8/2019	0	461.974	461.97	\$27.09	\$12,515								\$ 12,515	\$ 2,546	\$ 9,968
11/8/2019	1	458.015	458.02	\$26.38	\$12,083								\$ 12,083	\$ 2,480	\$ 9,603
11/8/2019	2	456.129	456.13	\$25.59	\$11,672								\$ 11,672	\$ 2,405	\$ 9,267
11/8/2019	3	456.014	456.01	\$26.67	\$12,162								\$ 12,162	\$ 2,507	\$ 9,655
11/8/2019	4	468.704	468.7	\$29.08	\$13,630								\$ 13,630	\$ 2,734	\$ 10,896
11/8/2019	5	497.174	497.17	\$37.00	\$18,395								\$ 18,395	\$ 3,478	\$ 14,917
11/8/2019	6	544.315	544.32	\$46.67	\$25,403								\$ 25,403	\$ 4,387	\$ 21,016
11/8/2019	7	564.034	564.03	\$49.13	\$27,711								\$ 27,711	\$ 4,618	\$ 23,093
11/8/2019	8	553.443	553.44	\$42.41	\$23,471								\$ 23,471	\$ 3,987	\$ 19,485
11/8/2019	9	535.89	535.89	\$40.67	\$21,795								\$ 21,795	\$ 3,823	\$ 17,972
11/8/2019	10	522.158	522.16	\$40.61	\$21,205								\$ 21,205	\$ 3,817	\$ 17,388
11/8/2019	11	510.319	510.32	\$39.33	\$20,071								\$ 20,071	\$ 3,697	\$ 16,374
11/8/2019	12	497.478	497.48	\$35.86	\$17,840								\$ 17,840	\$ 3,371	\$ 14,469
11/8/2019	13	486.57	486.57	\$35.32	\$17,186								\$ 17,186	\$ 3,320	\$ 13,866
11/8/2019	14	483.665	483.67	\$33.19	\$16,053								\$ 16,053	\$ 3,120	\$ 12,933
11/8/2019	15	482.705	482.71	\$33.60	\$16,219								\$ 16,219	\$ 3,158	\$ 13,061
11/8/2019	16	485.533	485.53	\$37.95	\$18,426								\$ 18,426	\$ 3,567	\$ 14,859
11/8/2019	17	509.934	509.93	\$50.83	\$25,920								\$ 25,920	\$ 4,778	\$ 21,142
11/8/2019	18	522.662	522.66	\$46.41	\$24,257								\$ 24,257	\$ 4,363	\$ 19,894
11/8/2019	19	522.503	522.5	\$42.97	\$22,452								\$ 22,452	\$ 4,039	\$ 18,413
11/8/2019	20	517.57	517.57	\$41.64	\$21,552								\$ 21,552	\$ 3,914	\$ 17,637
11/8/2019	21	510.645	510.65	\$40.75	\$20,809								\$ 20,809	\$ 3,831	\$ 16,978
11/8/2019	22	494.824	494.82	\$35.59	\$17,611								\$ 17,611	\$ 3,345	\$ 14,265
11/8/2019	23	477.061	477.06	\$30.68	\$14,636								\$ 14,636	\$ 2,884	\$ 11,752
11/9/2019	0	462.477	462.48	\$36.47	\$16,867								\$ 16,867	\$ 3,428	\$ 13,438
11/9/2019	1	454.484	454.48	\$36.66	\$16,661								\$ 16,661	\$ 3,446	\$ 13,215
11/9/2019	2	447.518	447.52	\$33.10	\$14,813								\$ 14,813	\$ 3,111	\$ 11,702
11/9/2019	3	444.544	444.54	\$33.48	\$14,883								\$ 14,883	\$ 3,147	\$ 11,736
11/9/2019	4	445.603	445.6	\$34.93	\$15,565								\$ 15,565	\$ 3,283	\$ 12,281
11/9/2019	5	453.372	453.37	\$37.01	\$16,779								\$ 16,779	\$ 3,479	\$ 13,300
11/9/2019	6	466.026	466.03	\$40.43	\$18,842								\$ 18,842	\$ 3,800	\$ 15,041
11/9/2019	7	480.661	480.66	\$42.79	\$20,567								\$ 20,567	\$ 4,022	\$ 16,545
11/9/2019	8	492.356	492.36	\$37.05	\$18,242								\$ 18,242	\$ 3,483	\$ 14,759
11/9/2019	9	499.064	499.06	\$34.78	\$17,357								\$ 17,357	\$ 3,269	\$ 14,088
11/9/2019	10	493.191	493.19	\$30.03	\$14,810								\$ 14,810	\$ 2,823	\$ 11,988
11/9/2019	11	471.729	471.73	\$26.93	\$12,704								\$ 12,704	\$ 2,531	\$ 10,172
11/9/2019	12	468.04	468.04	\$25.66	\$12,010								\$ 12,010	\$ 2,412	\$ 9,598
11/9/2019	13	446.574	446.57	\$25.49	\$11,383								\$ 11,383	\$ 2,396	\$ 8,987
11/9/2019	14	432.829	432.83	\$24.68	\$10,682								\$ 10,682	\$ 2,320	\$ 8,362
11/9/2019	15	425.973	425.97	\$24.66	\$10,504								\$ 10,504	\$ 2,318	\$ 8,186

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)			
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6		
11/9/2019	16	429.87	429.87	\$26.77	\$11,508							\$	11,508	\$	2,516	\$	8,991
11/9/2019	17	456.225	456.23	\$34.78	\$15,868							\$	15,868	\$	3,269	\$	12,598
11/9/2019	18	468.737	468.74	\$33.64	\$15,768							\$	15,768	\$	3,162	\$	12,606
11/9/2019	19	464.671	464.67	\$31.27	\$14,530							\$	14,530	\$	2,939	\$	11,591
11/9/2019	20	459.794	459.79	\$30.03	\$13,807							\$	13,807	\$	2,823	\$	10,985
11/9/2019	21	449.057	449.06	\$27.25	\$12,237							\$	12,237	\$	2,562	\$	9,675
11/9/2019	22	431.466	431.47	\$24.79	\$10,696							\$	10,696	\$	2,330	\$	8,366
11/9/2019	23	412.062	412.06	\$24.59	\$10,133							\$	10,133	\$	2,311	\$	7,821
11/10/2019	0	395.719	395.72	\$24.83	\$9,826							\$	9,826	\$	2,334	\$	7,492
11/10/2019	1	384.975	384.98	\$23.90	\$9,201							\$	9,201	\$	2,247	\$	6,954
11/10/2019	2	378.202	378.2	\$23.33	\$8,823							\$	8,823	\$	2,193	\$	6,630
11/10/2019	3	376.323	376.32	\$23.39	\$8,802							\$	8,802	\$	2,199	\$	6,603
11/10/2019	4	380.23	380.23	\$24.02	\$9,133							\$	9,133	\$	2,258	\$	6,875
11/10/2019	5	384.188	384.19	\$25.13	\$9,655							\$	9,655	\$	2,362	\$	7,292
11/10/2019	6	383.956	383.96	\$26.18	\$10,052							\$	10,052	\$	2,461	\$	7,591
11/10/2019	7	395.938	395.94	\$26.44	\$10,469							\$	10,469	\$	2,485	\$	7,983
11/10/2019	8	407.776	407.78	\$24.61	\$10,035							\$	10,035	\$	2,313	\$	7,722
11/10/2019	9	405.904	405.9	\$24.31	\$9,867							\$	9,867	\$	2,285	\$	7,582
11/10/2019	10	405.083	405.08	\$23.41	\$9,483							\$	9,483	\$	2,201	\$	7,282
11/10/2019	11	398.348	398.35	\$22.83	\$9,094							\$	9,094	\$	2,146	\$	6,948
11/10/2019	12	396.378	396.38	\$22.54	\$8,934							\$	8,934	\$	2,119	\$	6,816
11/10/2019	13	390.534	390.53	\$22.27	\$8,697							\$	8,697	\$	2,093	\$	6,604
11/10/2019	14	386.537	386.54	\$21.86	\$8,450							\$	8,450	\$	2,055	\$	6,395
11/10/2019	15	387.542	387.54	\$21.93	\$8,499							\$	8,499	\$	2,061	\$	6,437
11/10/2019	16	395.541	395.54	\$23.07	\$9,125							\$	9,125	\$	2,169	\$	6,957
11/10/2019	17	418.947	418.95	\$30.45	\$12,757							\$	12,757	\$	2,862	\$	9,895
11/10/2019	18	437.493	437.49	\$28.21	\$12,342							\$	12,342	\$	2,652	\$	9,690
11/10/2019	19	435.519	435.52	\$26.57	\$11,572							\$	11,572	\$	2,498	\$	9,074
11/10/2019	20	427.671	427.67	\$25.77	\$11,021							\$	11,021	\$	2,422	\$	8,599
11/10/2019	21	413.105	413.11	\$23.85	\$9,853							\$	9,853	\$	2,242	\$	7,611
11/10/2019	22	392.521	392.52	\$22.48	\$8,824							\$	8,824	\$	2,113	\$	6,711
11/10/2019	23	371.963	371.96	\$21.73	\$8,083							\$	8,083	\$	2,043	\$	6,040
11/11/2019	0	358.278	358.28	\$21.20	\$7,596							\$	7,596	\$	1,993	\$	5,603
11/11/2019	1	350.478	350.48	\$21.30	\$7,465							\$	7,465	\$	2,002	\$	5,463
11/11/2019	2	346.554	346.55	\$21.08	\$7,305							\$	7,305	\$	1,982	\$	5,324
11/11/2019	3	346.607	346.61	\$21.32	\$7,390							\$	7,390	\$	2,004	\$	5,386
11/11/2019	4	358.304	358.3	\$22.41	\$8,030							\$	8,030	\$	2,107	\$	5,923
11/11/2019	5	387.954	387.95	\$23.93	\$9,284							\$	9,284	\$	2,249	\$	7,034
11/11/2019	6	436.916	436.92	\$31.28	\$13,667							\$	13,667	\$	2,940	\$	10,727
11/11/2019	7	461.364	461.36	\$32.26	\$14,883							\$	14,883	\$	3,032	\$	11,851
11/11/2019	8	446.479	446.48	\$31.63	\$14,122							\$	14,122	\$	2,973	\$	11,149
11/11/2019	9	461.37	461.37	\$30.70	\$14,164							\$	14,164	\$	2,886	\$	11,278
11/11/2019	10	456.467	456.47	\$30.82	\$14,068							\$	14,068	\$	2,897	\$	11,171
11/11/2019	11	456.478	456.48	\$28.85	\$13,169							\$	13,169	\$	2,712	\$	10,458
11/11/2019	12	454.548	454.55	\$28.93	\$13,150							\$	13,150	\$	2,719	\$	10,431
11/11/2019	13	458.534	458.53	\$28.79	\$13,201							\$	13,201	\$	2,706	\$	10,495
11/11/2019	14	464.508	464.51	\$27.42	\$12,737							\$	12,737	\$	2,577	\$	10,159
11/11/2019	15	474.133	474.13	\$27.44	\$13,010							\$	13,010	\$	2,579	\$	10,431
11/11/2019	16	490.533	490.53	\$31.10	\$15,255							\$	15,255	\$	2,923	\$	12,332
11/11/2019	17	517.678	517.68	\$37.86	\$19,599							\$	19,599	\$	3,559	\$	16,041
11/11/2019	18	526.564	526.56	\$37.89	\$19,951							\$	19,951	\$	3,562	\$	16,390
11/11/2019	19	528.512	528.51	\$35.05	\$18,524							\$	18,524	\$	3,295	\$	15,230
11/11/2019	20	523.643	523.64	\$33.59	\$17,589							\$	17,589	\$	3,157	\$	14,432
11/11/2019	21	511.104	511.1	\$29.10	\$14,873							\$	14,873	\$	2,735	\$	12,138
11/11/2019	22	492.755	492.76	\$25.30	\$12,467							\$	12,467	\$	2,378	\$	10,089
11/11/2019	23	473.019	473.02	\$23.56	\$11,144							\$	11,144	\$	2,215	\$	8,930

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)			
							East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6		
11/12/2019	0	459.383	459.38	\$22.74	\$10,446								\$	10,446	\$	2,138	\$	8,309
11/12/2019	1	455.538	455.54	\$22.72	\$10,350								\$	10,350	\$	2,136	\$	8,214
11/12/2019	2	451.545	451.55	\$22.48	\$10,151								\$	10,151	\$	2,113	\$	8,038
11/12/2019	3	457.407	457.41	\$23.08	\$10,557								\$	10,557	\$	2,170	\$	8,388
11/12/2019	4	473.203	473.2	\$25.09	\$11,873								\$	11,873	\$	2,358	\$	9,514
11/12/2019	5	502.522	502.52	\$29.72	\$14,935								\$	14,935	\$	2,794	\$	12,141
11/12/2019	6	551.073	547.07	\$41.19	\$22,534						1	3	\$	22,534	\$	3,872	\$	18,662
11/12/2019	7	578.288	578.29	\$46.43	\$26,850								\$	26,850	\$	4,364	\$	22,486
11/12/2019	8	583.283	583.28	\$43.03	\$25,099								\$	25,099	\$	4,045	\$	21,054
11/12/2019	9	584.101	584.1	\$43.33	\$25,309								\$	25,309	\$	4,073	\$	21,236
11/12/2019	10	581.816	581.82	\$44.16	\$25,693								\$	25,693	\$	4,151	\$	21,542
11/12/2019	11	568.932	568.93	\$40.91	\$23,275								\$	23,275	\$	3,846	\$	19,429
11/12/2019	12	558.881	558.88	\$39.83	\$22,260								\$	22,260	\$	3,744	\$	18,516
11/12/2019	13	556.679	556.68	\$39.84	\$22,178								\$	22,178	\$	3,745	\$	18,433
11/12/2019	14	556.844	556.84	\$37.41	\$20,831								\$	20,831	\$	3,517	\$	17,315
11/12/2019	15	564.717	564.72	\$39.76	\$22,453								\$	22,453	\$	3,737	\$	18,716
11/12/2019	16	575.535	575.54	\$44.04	\$25,347								\$	25,347	\$	4,140	\$	21,207
11/12/2019	17	601.748	601.75	\$57.37	\$34,522								\$	34,422	\$	5,393	\$	29,130
11/12/2019	18	615.379	615.38	\$62.62	\$38,535								\$	37,572	\$	5,886	\$	32,649
11/12/2019	19	611.525	611.53	\$61.60	\$37,670								\$	36,960	\$	5,790	\$	31,880
11/12/2019	20	603.955	603.96	\$59.77	\$36,099								\$	35,862	\$	5,618	\$	30,480
11/12/2019	21	590.488	590.49	\$51.84	\$30,611								\$	30,611	\$	4,873	\$	25,738
11/12/2019	22	570.787	570.79	\$43.15	\$24,630								\$	24,630	\$	4,056	\$	20,573
11/12/2019	23	553.111	553.11	\$39.50	\$21,848								\$	21,848	\$	3,713	\$	18,135
11/13/2019	0	541.098	541.1	\$42.42	\$22,953								\$	22,953	\$	3,987	\$	18,966
11/13/2019	1	536.024	536.02	\$41.76	\$22,384								\$	22,384	\$	3,925	\$	18,459
11/13/2019	2	533.166	533.17	\$41.46	\$22,105								\$	22,105	\$	3,897	\$	18,208
11/13/2019	3	534.975	534.98	\$44.39	\$23,748								\$	23,748	\$	4,173	\$	19,575
11/13/2019	4	547.725	547.73	\$50.42	\$27,617								\$	27,617	\$	4,739	\$	22,877
11/13/2019	5	576.296	479.3	\$64.97	\$31,140				44				\$	31,140	\$	6,107	\$	25,033
11/13/2019	6	624.129	497.13	\$111.07	\$55,216				61				\$	55,216	\$	10,441	\$	44,776
11/13/2019	7	642.5	589.5	\$118.00	\$69,561								\$	69,561	\$	11,092	\$	58,469
11/13/2019	8	631.286	625.29	\$60.80	\$38,018								\$	36,480	\$	5,715	\$	32,302
11/13/2019	9	607.78	607.78	\$49.76	\$30,243								\$	29,856	\$	4,677	\$	25,566
11/13/2019	10	590.026	590.03	\$48.71	\$28,740								\$	28,740	\$	4,579	\$	24,162
11/13/2019	11	575.504	575.5	\$42.49	\$24,453								\$	24,453	\$	3,994	\$	20,459
11/13/2019	12	561.864	561.86	\$39.77	\$22,345								\$	22,345	\$	3,738	\$	18,607
11/13/2019	13	535.54	535.54	\$39.49	\$21,148								\$	21,148	\$	3,712	\$	17,436
11/13/2019	14	544.37	544.37	\$36.01	\$19,603								\$	19,603	\$	3,385	\$	16,218
11/13/2019	15	548.403	548.4	\$37.61	\$20,625								\$	20,625	\$	3,535	\$	17,090
11/13/2019	16	556.897	556.9	\$44.14	\$24,582								\$	24,582	\$	4,149	\$	20,432
11/13/2019	17	581.369	581.37	\$57.38	\$33,359								\$	33,359	\$	5,394	\$	27,965
11/13/2019	18	597.141	597.14	\$54.33	\$32,443								\$	32,443	\$	5,107	\$	27,336
11/13/2019	19	595.896	595.9	\$52.19	\$31,100								\$	31,100	\$	4,906	\$	26,194
11/13/2019	20	586.856	586.86	\$49.12	\$28,827								\$	28,827	\$	4,617	\$	24,209
11/13/2019	21	567.14	567.14	\$44.46	\$25,215								\$	25,215	\$	4,179	\$	21,036
11/13/2019	22	540.758	540.76	\$38.32	\$20,722								\$	20,722	\$	3,602	\$	17,120
11/13/2019	23	515.427	515.43	\$35.28	\$18,184								\$	18,184	\$	3,316	\$	14,868
11/14/2019	0	501.296	501.3	\$37.33	\$18,714								\$	18,714	\$	3,509	\$	15,205
11/14/2019	1	492.453	492.45	\$36.98	\$18,211								\$	18,211	\$	3,476	\$	14,735
11/14/2019	2	484.529	484.53	\$35.99	\$17,438								\$	17,438	\$	3,383	\$	14,055
11/14/2019	3	480.534	480.53	\$37.53	\$18,034								\$	18,034	\$	3,528	\$	14,506
11/14/2019	4	483.567	483.57	\$41.74	\$20,184								\$	20,184	\$	3,924	\$	16,261
11/14/2019	5	506.099	506.1	\$54.80	\$27,734								\$	27,734	\$	5,151	\$	22,583
11/14/2019	6	548.911	548.91	\$100.82	\$55,341								\$	55,341	\$	9,477	\$	45,864
11/14/2019	7	568.561	568.56	\$102.77	\$58,431								\$	58,431	\$	9,660	\$	48,771



Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)	
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6
11/14/2019	8	561.925	561.93	\$62.14	\$34,918								\$ 34,918	\$ 5,841	\$ 29,077
11/14/2019	9	557.308	557.31	\$50.39	\$28,083								\$ 28,083	\$ 4,737	\$ 23,346
11/14/2019	10	548.479	548.48	\$42.36	\$23,234								\$ 23,234	\$ 3,982	\$ 19,252
11/14/2019	11	525.993	525.99	\$38.47	\$20,235								\$ 20,235	\$ 3,616	\$ 16,619
11/14/2019	12	509.57	509.57	\$33.83	\$17,239								\$ 17,239	\$ 3,180	\$ 14,059
11/14/2019	13	506.682	506.68	\$33.57	\$17,009								\$ 17,009	\$ 3,156	\$ 13,854
11/14/2019	14	507.748	507.75	\$32.94	\$16,725								\$ 16,725	\$ 3,096	\$ 13,629
11/14/2019	15	511.668	511.67	\$34.28	\$17,540								\$ 17,540	\$ 3,222	\$ 14,318
11/14/2019	16	516.473	516.47	\$39.31	\$20,302								\$ 20,302	\$ 3,695	\$ 16,607
11/14/2019	17	533.759	533.76	\$55.24	\$29,485								\$ 29,485	\$ 5,193	\$ 24,292
11/14/2019	18	546.55	546.55	\$54.59	\$29,836								\$ 29,836	\$ 5,131	\$ 24,705
11/14/2019	19	545.652	545.65	\$54.85	\$29,929								\$ 29,929	\$ 5,156	\$ 24,773
11/14/2019	20	538.776	538.78	\$50.52	\$27,219								\$ 27,219	\$ 4,749	\$ 22,470
11/14/2019	21	528.034	528.03	\$40.28	\$21,269								\$ 21,269	\$ 3,786	\$ 17,483
11/14/2019	22	507.648	507.65	\$31.61	\$16,047								\$ 16,047	\$ 2,971	\$ 13,075
11/14/2019	23	486.267	486.27	\$30.45	\$14,807								\$ 14,807	\$ 2,862	\$ 11,945
11/15/2019	0	471.521	471.52	\$27.45	\$12,943								\$ 12,943	\$ 2,580	\$ 10,363
11/15/2019	1	464.55	464.55	\$27.07	\$12,575								\$ 12,575	\$ 2,545	\$ 10,031
11/15/2019	2	464.602	464.6	\$27.01	\$12,549								\$ 12,549	\$ 2,539	\$ 10,010
11/15/2019	3	467.573	467.57	\$27.50	\$12,858								\$ 12,858	\$ 2,585	\$ 10,273
11/15/2019	4	481.256	481.26	\$30.01	\$14,443								\$ 14,443	\$ 2,821	\$ 11,622
11/15/2019	5	510.658	510.66	\$35.90	\$18,333								\$ 18,333	\$ 3,375	\$ 14,958
11/15/2019	6	554.289	554.29	\$57.63	\$31,944								\$ 31,944	\$ 5,417	\$ 26,527
11/15/2019	7	572.98	572.98	\$63.33	\$36,287								\$ 36,287	\$ 5,953	\$ 30,334
11/15/2019	8	554.303	554.3	\$44.82	\$24,844								\$ 24,844	\$ 4,213	\$ 20,631
11/15/2019	9	535.888	535.89	\$40.86	\$21,896								\$ 21,896	\$ 3,841	\$ 18,056
11/15/2019	10	528.325	528.33	\$36.97	\$19,532								\$ 19,532	\$ 3,475	\$ 16,057
11/15/2019	11	514.767	514.77	\$34.10	\$17,554								\$ 17,554	\$ 3,205	\$ 14,348
11/15/2019	12	501.041	501.04	\$32.48	\$16,274								\$ 16,274	\$ 3,053	\$ 13,221
11/15/2019	13	490.211	458.21	\$31.54	\$14,452								\$ 14,452	\$ 2,965	\$ 11,487
11/15/2019	14	483.377	482.38	\$29.73	\$14,341								\$ 14,341	\$ 2,795	\$ 11,547
11/15/2019	15	477.538	477.54	\$30.09	\$14,369								\$ 14,369	\$ 2,828	\$ 11,541
11/15/2019	16	477.51	477.51	\$34.20	\$16,331								\$ 16,331	\$ 3,215	\$ 13,116
11/15/2019	17	502.81	491.81	\$43.67	\$21,477								\$ 21,477	\$ 4,105	\$ 17,372
11/15/2019	18	518.517	483.52	\$41.13	\$19,887								\$ 19,887	\$ 3,866	\$ 16,021
11/15/2019	19	516.401	516.4	\$39.64	\$20,470								\$ 20,470	\$ 3,726	\$ 16,744
11/15/2019	20	511.333	511.33	\$36.67	\$18,750								\$ 18,750	\$ 3,447	\$ 15,303
11/15/2019	21	501.652	501.65	\$33.92	\$17,016								\$ 17,016	\$ 3,188	\$ 13,827
11/15/2019	22	486.758	486.76	\$28.53	\$13,887								\$ 13,887	\$ 2,682	\$ 11,205
11/15/2019	23	468.097	468.1	\$26.57	\$12,437								\$ 12,437	\$ 2,498	\$ 9,940
11/16/2019	0	454.539	454.54	\$25.55	\$11,613								\$ 11,613	\$ 2,402	\$ 9,212
11/16/2019	1	447.851	447.85	\$24.91	\$11,156								\$ 11,156	\$ 2,342	\$ 8,814
11/16/2019	2	439.995	440	\$25.18	\$11,079								\$ 11,079	\$ 2,367	\$ 8,712
11/16/2019	3	437.092	437.09	\$25.13	\$10,984								\$ 10,984	\$ 2,362	\$ 8,622
11/16/2019	4	439.969	439.97	\$25.60	\$11,263								\$ 11,263	\$ 2,406	\$ 8,857
11/16/2019	5	450.666	450.67	\$26.51	\$11,947								\$ 11,947	\$ 2,492	\$ 9,455
11/16/2019	6	467.086	467.09	\$32.08	\$14,984								\$ 14,984	\$ 3,016	\$ 11,969
11/16/2019	7	483.663	483.66	\$37.08	\$17,934								\$ 17,934	\$ 3,486	\$ 14,449
11/16/2019	8	491.463	491.46	\$35.13	\$17,265								\$ 17,265	\$ 3,302	\$ 13,963
11/16/2019	9	486.809	486.81	\$34.35	\$16,722								\$ 16,722	\$ 3,229	\$ 13,493
11/16/2019	10	478.187	478.19	\$32.11	\$15,355								\$ 15,355	\$ 3,018	\$ 12,336
11/16/2019	11	467.372	467.37	\$29.46	\$13,769								\$ 13,769	\$ 2,769	\$ 10,999
11/16/2019	12	453.868	453.87	\$27.67	\$12,559								\$ 12,559	\$ 2,601	\$ 9,958
11/16/2019	13	442.273	442.27	\$26.93	\$11,910								\$ 11,910	\$ 2,531	\$ 9,379
11/16/2019	14	434.488	434.49	\$26.15	\$11,362								\$ 11,362	\$ 2,458	\$ 8,904
11/16/2019	15	432.431	432.43	\$26.27	\$11,360								\$ 11,360	\$ 2,469	\$ 8,891

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)			
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6		
11/16/2019	16	440.173	440.17	\$30.04	\$13,223							\$	13,223	\$	2,824	\$	10,399
11/16/2019	17	467.258	467.26	\$38.53	\$18,004							\$	18,004	\$	3,622	\$	14,382
11/16/2019	18	481.817	481.82	\$37.95	\$18,285							\$	18,285	\$	3,567	\$	14,718
11/16/2019	19	479.6	479.6	\$36.66	\$17,582							\$	17,582	\$	3,446	\$	14,136
11/16/2019	20	476.49	476.49	\$35.24	\$16,792							\$	16,792	\$	3,313	\$	13,479
11/16/2019	21	468.599	468.6	\$31.34	\$14,686							\$	14,686	\$	2,946	\$	11,740
11/16/2019	22	456.024	456.02	\$27.60	\$12,586							\$	12,586	\$	2,594	\$	9,992
11/16/2019	23	439.454	439.45	\$26.20	\$11,514							\$	11,514	\$	2,463	\$	9,051
11/17/2019	0	429.727	429.73	\$26.72	\$11,482							\$	11,482	\$	2,512	\$	8,971
11/17/2019	1	423.975	423.98	\$25.48	\$10,803							\$	10,803	\$	2,395	\$	8,408
11/17/2019	2	423.035	423.04	\$25.67	\$10,859							\$	10,859	\$	2,413	\$	8,446
11/17/2019	3	427.872	427.87	\$25.93	\$11,095							\$	11,095	\$	2,437	\$	8,657
11/17/2019	4	434.78	434.78	\$25.97	\$11,291							\$	11,291	\$	2,441	\$	8,850
11/17/2019	5	442.596	442.6	\$27.22	\$12,048							\$	12,048	\$	2,559	\$	9,489
11/17/2019	6	456.276	456.28	\$28.95	\$13,209							\$	13,209	\$	2,721	\$	10,488
11/17/2019	7	470.787	470.79	\$33.11	\$15,588							\$	15,588	\$	3,112	\$	12,476
11/17/2019	8	474.639	474.64	\$32.56	\$15,454							\$	15,454	\$	3,061	\$	12,394
11/17/2019	9	466.063	466.06	\$29.21	\$13,614							\$	13,614	\$	2,746	\$	10,868
11/17/2019	10	454.444	454.44	\$26.63	\$12,102							\$	12,102	\$	2,503	\$	9,599
11/17/2019	11	438.894	438.89	\$25.24	\$11,078							\$	11,078	\$	2,373	\$	8,705
11/17/2019	12	430.251	430.25	\$24.75	\$10,649							\$	10,649	\$	2,327	\$	8,322
11/17/2019	13	423.518	423.52	\$24.40	\$10,334							\$	10,334	\$	2,294	\$	8,040
11/17/2019	14	426.512	426.51	\$23.96	\$10,219							\$	10,219	\$	2,252	\$	7,967
11/17/2019	15	433.296	433.3	\$24.18	\$10,477							\$	10,477	\$	2,273	\$	8,204
11/17/2019	16	445.915	445.92	\$26.92	\$12,004							\$	12,004	\$	2,530	\$	9,474
11/17/2019	17	471.408	471.41	\$34.74	\$16,377							\$	16,377	\$	3,266	\$	13,111
11/17/2019	18	480.258	480.26	\$34.99	\$16,804							\$	16,804	\$	3,289	\$	13,515
11/17/2019	19	478.252	478.25	\$32.70	\$15,639							\$	15,639	\$	3,074	\$	12,565
11/17/2019	20	472.284	472.28	\$30.04	\$14,187							\$	14,187	\$	2,824	\$	11,364
11/17/2019	21	454.649	454.65	\$26.19	\$11,907							\$	11,907	\$	2,462	\$	9,445
11/17/2019	22	434.092	434.09	\$24.00	\$10,418							\$	10,418	\$	2,256	\$	8,162
11/17/2019	23	416.552	416.55	\$23.19	\$9,660							\$	9,660	\$	2,180	\$	7,480
11/18/2019	0	402.867	402.87	\$23.58	\$9,500							\$	9,500	\$	2,217	\$	7,283
11/18/2019	1	399.019	399.02	\$23.36	\$9,321							\$	9,321	\$	2,196	\$	7,125
11/18/2019	2	399.843	399.84	\$23.42	\$9,364							\$	9,364	\$	2,201	\$	7,163
11/18/2019	3	404.697	404.7	\$23.53	\$9,523							\$	9,523	\$	2,212	\$	7,311
11/18/2019	4	417.364	417.36	\$24.66	\$10,292							\$	10,292	\$	2,318	\$	7,974
11/18/2019	5	445.577	445.58	\$27.37	\$12,196							\$	12,196	\$	2,573	\$	9,623
11/18/2019	6	491.235	491.24	\$40.34	\$19,817							\$	19,817	\$	3,792	\$	16,025
11/18/2019	7	517.761	517.76	\$40.48	\$20,959							\$	20,959	\$	3,805	\$	17,154
11/18/2019	8	522.679	522.68	\$37.37	\$19,533							\$	19,533	\$	3,513	\$	16,020
11/18/2019	9	521.657	521.66	\$39.07	\$20,381							\$	20,381	\$	3,673	\$	16,709
11/18/2019	10	517.879	517.88	\$41.59	\$21,539							\$	21,539	\$	3,909	\$	17,629
11/18/2019	11	486.43	483.43	\$34.96	\$16,901							\$	16,901	\$	3,286	\$	13,614
11/18/2019	12	497.531	491.53	\$32.32	\$15,886						3	\$	15,886	\$	3,038	\$	12,848
11/18/2019	13	496.679	496.68	\$31.78	\$15,784						6	\$	15,784	\$	2,987	\$	12,797
11/18/2019	14	500.694	468.69	\$29.18	\$13,676						32	\$	13,676	\$	2,743	\$	10,933
11/18/2019	15	501.702	415.7	\$29.07	\$12,084						86	\$	12,084	\$	2,733	\$	9,352
11/18/2019	16	510.314	426.31	\$33.84	\$14,426						84	\$	14,426	\$	3,181	\$	11,245
11/18/2019	17	532.656	528.66	\$41.86	\$22,130						4	\$	22,130	\$	3,935	\$	18,195
11/18/2019	18	534.917	534.92	\$37.98	\$20,316							\$	20,316	\$	3,570	\$	16,746
11/18/2019	19	530.004	530	\$35.74	\$18,942							\$	18,942	\$	3,360	\$	15,583
11/18/2019	20	517.207	517.21	\$35.65	\$18,439							\$	18,439	\$	3,351	\$	15,087
11/18/2019	21	497.604	497.6	\$31.58	\$15,714							\$	15,714	\$	2,969	\$	12,746
11/18/2019	22	472.23	472.23	\$27.67	\$13,067							\$	13,067	\$	2,601	\$	10,466
11/18/2019	23	445.93	445.93	\$25.65	\$11,438							\$	11,438	\$	2,411	\$	9,027

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Beginning (HB)	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)			
							East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6		
11/19/2019	0		428.53	428.53	\$25.62	\$10,979							\$	10,979	\$	2,408	\$	8,571
11/19/2019	1		416.673	416.67	\$25.17	\$10,488							\$	10,488	\$	2,366	\$	8,122
11/19/2019	2		410.719	410.72	\$24.93	\$10,239							\$	10,239	\$	2,343	\$	7,896
11/19/2019	3		410.635	410.64	\$25.21	\$10,352							\$	10,352	\$	2,370	\$	7,982
11/19/2019	4		422.3	422.3	\$25.62	\$10,819							\$	10,819	\$	2,408	\$	8,411
11/19/2019	5		450.655	450.66	\$30.85	\$13,903							\$	13,903	\$	2,900	\$	11,003
11/19/2019	6		496.42	496.42	\$43.35	\$21,520							\$	21,520	\$	4,075	\$	17,445
11/19/2019	7		522.927	522.93	\$47.56	\$24,871							\$	24,871	\$	4,471	\$	20,400
11/19/2019	8		514.288	514.29	\$40.46	\$20,808							\$	20,808	\$	3,803	\$	17,005
11/19/2019	9		500.64	500.64	\$39.37	\$19,710							\$	19,710	\$	3,701	\$	16,009
11/19/2019	10		486.029	486.03	\$39.78	\$19,334							\$	19,334	\$	3,739	\$	15,595
11/19/2019	11		473.394	398.39	\$36.06	\$14,366						75	\$	14,366	\$	3,390	\$	10,976
11/19/2019	12		467.314	416.31	\$31.81	\$13,243						32	\$	13,243	\$	2,990	\$	10,253
11/19/2019	13		470.6	445.6	\$29.16	\$12,994						19	\$	12,994	\$	2,741	\$	10,253
11/19/2019	14		475.626	475.63	\$28.72	\$13,660						25	\$	13,660	\$	2,700	\$	10,960
11/19/2019	15		482.257	482.26	\$28.27	\$13,633							\$	13,633	\$	2,657	\$	10,976
11/19/2019	16		490.089	490.09	\$36.68	\$17,977							\$	17,977	\$	3,448	\$	14,529
11/19/2019	17		509.647	509.65	\$42.50	\$21,660							\$	21,660	\$	3,995	\$	17,665
11/19/2019	18		514.603	514.6	\$39.79	\$20,476							\$	20,476	\$	3,740	\$	16,736
11/19/2019	19		510.684	510.68	\$37.82	\$19,314							\$	19,314	\$	3,555	\$	15,759
11/19/2019	20		497.871	497.87	\$36.80	\$18,322							\$	18,322	\$	3,459	\$	14,862
11/19/2019	21		480.14	480.14	\$31.58	\$15,163							\$	15,163	\$	2,969	\$	12,194
11/19/2019	22		454.714	454.71	\$28.14	\$12,796							\$	12,796	\$	2,645	\$	10,150
11/19/2019	23		428.282	428.28	\$25.53	\$10,934							\$	10,934	\$	2,400	\$	8,534
11/20/2019	0		409.505	409.51	\$25.37	\$10,389							\$	10,389	\$	2,385	\$	8,004
11/20/2019	1		401.773	401.77	\$25.10	\$10,084							\$	10,084	\$	2,359	\$	7,725
11/20/2019	2		391.795	391.8	\$24.51	\$9,603							\$	9,603	\$	2,304	\$	7,299
11/20/2019	3		390.879	390.88	\$24.31	\$9,502							\$	9,502	\$	2,285	\$	7,217
11/20/2019	4		398.703	398.7	\$25.11	\$10,011							\$	10,011	\$	2,360	\$	7,651
11/20/2019	5		426.157	426.16	\$28.72	\$12,239							\$	12,239	\$	2,700	\$	9,540
11/20/2019	6		469	469	\$42.21	\$19,796							\$	19,796	\$	3,968	\$	15,829
11/20/2019	7		493.863	493.86	\$42.32	\$20,900							\$	20,900	\$	3,978	\$	16,922
11/20/2019	8		493.919	493.92	\$38.58	\$19,055							\$	19,055	\$	3,627	\$	15,429
11/20/2019	9		494.751	494.75	\$35.45	\$17,539							\$	17,539	\$	3,332	\$	14,207
11/20/2019	10		496.666	496.67	\$36.20	\$17,979							\$	17,979	\$	3,403	\$	14,577
11/20/2019	11		492.961	492.96	\$32.52	\$16,031							\$	16,031	\$	3,057	\$	12,974
11/20/2019	12		485.184	485.18	\$30.11	\$14,609							\$	14,609	\$	2,830	\$	11,778
11/20/2019	13		487.33	487.33	\$28.45	\$13,865							\$	13,865	\$	2,674	\$	11,190
11/20/2019	14		486.368	484.37	\$28.25	\$13,683						2	\$	13,683	\$	2,656	\$	11,028
11/20/2019	15		487.285	487.29	\$27.67	\$13,483							\$	13,483	\$	2,601	\$	10,882
11/20/2019	16		492.917	492.92	\$32.40	\$15,971							\$	15,971	\$	3,046	\$	12,925
11/20/2019	17		511.084	511.08	\$40.10	\$20,494							\$	20,494	\$	3,769	\$	16,725
11/20/2019	18		513.788	513.79	\$36.03	\$18,512							\$	18,512	\$	3,387	\$	15,125
11/20/2019	19		510.776	510.78	\$34.19	\$17,464							\$	17,464	\$	3,214	\$	14,250
11/20/2019	20		501.969	501.97	\$33.08	\$16,605							\$	16,605	\$	3,110	\$	13,496
11/20/2019	21		486.488	486.49	\$27.03	\$13,150							\$	13,150	\$	2,541	\$	10,609
11/20/2019	22		460.002	460	\$24.73	\$11,376							\$	11,376	\$	2,325	\$	9,051
11/20/2019	23		434.4	434.4	\$24.07	\$10,456							\$	10,456	\$	2,263	\$	8,193
11/21/2019	0		417.898	417.9	\$22.59	\$9,440							\$	9,440	\$	2,123	\$	7,317
11/21/2019	1		410.756	410.76	\$21.98	\$9,029							\$	9,029	\$	2,066	\$	6,962
11/21/2019	2		404.855	404.86	\$21.61	\$8,749							\$	8,749	\$	2,031	\$	6,718
11/21/2019	3		403.007	403.01	\$22.14	\$8,923							\$	8,923	\$	2,081	\$	6,841
11/21/2019	4		410.746	410.75	\$23.06	\$9,472							\$	9,472	\$	2,168	\$	7,304
11/21/2019	5		436.982	436.98	\$25.43	\$11,112							\$	11,112	\$	2,390	\$	8,722
11/21/2019	6		479.869	479.87	\$40.26	\$19,320							\$	19,320	\$	3,784	\$	15,535
11/21/2019	7		502.629	502.63	\$36.47	\$18,331							\$	18,331	\$	3,428	\$	14,903

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)				
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6			
11/21/2019	8	497.008	497.01	\$31.94	\$15,874							\$	15,874	\$	3,002	\$	12,872	
11/21/2019	9	496.396	496.4	\$29.61	\$14,698							\$	14,698	\$	2,783	\$	11,915	
11/21/2019	10	499.556	499.56	\$27.58	\$13,778							\$	13,778	\$	2,593	\$	11,185	
11/21/2019	11	492.828	356.83	\$25.90	\$9,242							\$	9,242	\$	2,435	\$	6,807	
11/21/2019	12	485.05	148.05	\$25.06	\$3,710		41	37	25	19	11	3	\$	3,710	\$	2,356	\$	1,354
11/21/2019	13	476.299	475.3	\$24.47	\$11,631		36	54	60	62	62	63	\$	11,631	\$	2,300	\$	9,330
11/21/2019	14	481.281	481.28	\$23.93	\$11,517							1	\$	11,517	\$	2,249	\$	9,268
11/21/2019	15	482.315	482.32	\$23.86	\$11,508								\$	11,508	\$	2,243	\$	9,265
11/21/2019	16	488.332	488.33	\$25.21	\$12,311								\$	12,311	\$	2,370	\$	9,941
11/21/2019	17	505.873	505.87	\$29.28	\$14,812								\$	14,812	\$	2,752	\$	12,060
11/21/2019	18	504.961	504.96	\$28.68	\$14,482								\$	14,482	\$	2,696	\$	11,786
11/21/2019	19	500.1	500.1	\$28.04	\$14,023								\$	14,023	\$	2,636	\$	11,387
11/21/2019	20	488.358	488.36	\$26.54	\$12,961								\$	12,961	\$	2,495	\$	10,466
11/21/2019	21	468.031	468.03	\$23.87	\$11,172								\$	11,172	\$	2,244	\$	8,928
11/21/2019	22	445.714	445.71	\$21.51	\$9,587								\$	9,587	\$	2,022	\$	7,565
11/21/2019	23	415.135	415.14	\$19.78	\$8,211								\$	8,211	\$	1,859	\$	6,352
11/22/2019	0	396.299	396.3	\$18.82	\$7,458								\$	7,458	\$	1,769	\$	5,689
11/22/2019	1	382.589	382.59	\$18.67	\$7,143								\$	7,143	\$	1,755	\$	5,388
11/22/2019	2	374.665	374.67	\$18.23	\$6,830								\$	6,830	\$	1,714	\$	5,117
11/22/2019	3	371.784	371.78	\$18.51	\$6,882								\$	6,882	\$	1,740	\$	5,142
11/22/2019	4	382.745	382.75	\$19.86	\$7,601								\$	7,601	\$	1,867	\$	5,735
11/22/2019	5	409.206	409.21	\$21.90	\$8,962								\$	8,962	\$	2,059	\$	6,903
11/22/2019	6	457.372	457.37	\$29.96	\$13,703								\$	13,703	\$	2,816	\$	10,887
11/22/2019	7	487.074	487.07	\$29.78	\$14,505								\$	14,505	\$	2,799	\$	11,706
11/22/2019	8	489.223	489.22	\$27.31	\$13,361								\$	13,361	\$	2,567	\$	10,793
11/22/2019	9	492.148	492.15	\$26.98	\$13,278								\$	13,278	\$	2,536	\$	10,742
11/22/2019	10	496.011	496.01	\$27.27	\$13,526								\$	13,526	\$	2,563	\$	10,963
11/22/2019	11	490.099	490.1	\$26.10	\$12,792								\$	12,792	\$	2,453	\$	10,338
11/22/2019	12	478.369	478.37	\$25.43	\$12,165								\$	12,165	\$	2,390	\$	9,775
11/22/2019	13	468.481	468.48	\$25.01	\$11,717								\$	11,717	\$	2,351	\$	9,366
11/22/2019	14	462.62	462.62	\$24.48	\$11,325								\$	11,325	\$	2,301	\$	9,024
11/22/2019	15	461.679	461.68	\$24.48	\$11,302								\$	11,302	\$	2,301	\$	9,001
11/22/2019	16	464.544	464.54	\$26.95	\$12,519								\$	12,519	\$	2,533	\$	9,986
11/22/2019	17	492.028	492.03	\$33.01	\$16,242								\$	16,242	\$	3,103	\$	13,139
11/22/2019	18	500.971	500.97	\$31.34	\$15,700								\$	15,700	\$	2,946	\$	12,754
11/22/2019	19	501.88	501.88	\$31.86	\$15,990								\$	15,990	\$	2,995	\$	12,995
11/22/2019	20	496.72	496.72	\$30.14	\$14,971								\$	14,971	\$	2,833	\$	12,138
11/22/2019	21	474.158	474.16	\$26.63	\$12,627								\$	12,627	\$	2,503	\$	10,124
11/22/2019	22	476.364	476.36	\$23.97	\$11,418								\$	11,418	\$	2,253	\$	9,165
11/22/2019	23	454.774	454.77	\$22.92	\$10,423								\$	10,423	\$	2,154	\$	8,269
11/23/2019	0	437.967	437.97	\$23.38	\$10,240								\$	10,240	\$	2,198	\$	8,042
11/23/2019	1	426.096	426.1	\$22.92	\$9,766								\$	9,766	\$	2,154	\$	7,612
11/23/2019	2	422.163	422.16	\$23.00	\$9,710								\$	9,710	\$	2,162	\$	7,548
11/23/2019	3	423.151	423.15	\$23.04	\$9,749								\$	9,749	\$	2,166	\$	7,584
11/23/2019	4	427.089	427.09	\$23.09	\$9,862								\$	9,862	\$	2,170	\$	7,691
11/23/2019	5	436.87	436.87	\$25.10	\$10,965								\$	10,965	\$	2,359	\$	8,606
11/23/2019	6	449.614	449.61	\$29.00	\$13,039								\$	13,039	\$	2,726	\$	10,313
11/23/2019	7	465.286	465.29	\$30.78	\$14,322								\$	14,322	\$	2,893	\$	11,428
11/23/2019	8	476.082	475.08	\$31.14	\$14,794								\$	14,794	\$	2,927	\$	11,867
11/23/2019	9	485.002	485	\$29.37	\$14,244						1		\$	14,244	\$	2,761	\$	11,484
11/23/2019	10	490.987	490.99	\$28.48	\$13,983								\$	13,983	\$	2,677	\$	11,306
11/23/2019	11	491.002	491	\$26.00	\$12,766								\$	12,766	\$	2,444	\$	10,322
11/23/2019	12	487.159	487.16	\$24.64	\$12,004								\$	12,004	\$	2,316	\$	9,687
11/23/2019	13	481.213	481.21	\$24.10	\$11,597								\$	11,597	\$	2,265	\$	9,332
11/23/2019	14	476.263	476.26	\$23.64	\$11,259								\$	11,259	\$	2,222	\$	9,037
11/23/2019	15	477.223	477.22	\$23.57	\$11,248								\$	11,248	\$	2,216	\$	9,032

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)			
							East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6		
11/23/2019	16	485.908	485.91	\$24.93	\$12,114								\$	12,114	\$	2,343	\$	9,770
11/23/2019	17	495.554	495.55	\$30.44	\$15,085								\$	15,085	\$	2,861	\$	12,223
11/23/2019	18	492.609	492.61	\$27.69	\$13,640								\$	13,640	\$	2,603	\$	11,038
11/23/2019	19	486.504	486.5	\$25.82	\$12,561								\$	12,561	\$	2,427	\$	10,134
11/23/2019	20	478.579	478.58	\$24.51	\$11,730								\$	11,730	\$	2,304	\$	9,426
11/23/2019	21	470.75	470.75	\$23.38	\$11,006								\$	11,006	\$	2,198	\$	8,808
11/23/2019	22	454.895	454.9	\$22.53	\$10,249								\$	10,249	\$	2,118	\$	8,131
11/23/2019	23	437.967	437.97	\$22.13	\$9,692								\$	9,692	\$	2,080	\$	7,612
11/24/2019	0	426.302	426.3	\$19.49	\$8,309								\$	8,309	\$	1,832	\$	6,477
11/24/2019	1	413.766	413.77	\$19.77	\$8,180								\$	8,180	\$	1,858	\$	6,322
11/24/2019	2	409.028	409.03	\$19.29	\$7,890								\$	7,890	\$	1,813	\$	6,077
11/24/2019	3	409.086	409.09	\$19.34	\$7,912								\$	7,912	\$	1,818	\$	6,094
11/24/2019	4	414.914	414.91	\$19.54	\$8,107								\$	8,107	\$	1,837	\$	6,271
11/24/2019	5	419.758	419.76	\$19.25	\$8,080								\$	8,080	\$	1,810	\$	6,271
11/24/2019	6	431.271	431.27	\$20.51	\$8,845								\$	8,845	\$	1,928	\$	6,917
11/24/2019	7	445.688	445.69	\$22.29	\$9,934								\$	9,934	\$	2,095	\$	7,839
11/24/2019	8	460.251	460.25	\$23.39	\$10,765								\$	10,765	\$	2,199	\$	8,567
11/24/2019	9	466.443	466.44	\$23.21	\$10,826								\$	10,826	\$	2,182	\$	8,644
11/24/2019	10	462.51	462.51	\$22.98	\$10,628								\$	10,628	\$	2,160	\$	8,468
11/24/2019	11	449.88	449.88	\$22.04	\$9,915								\$	9,915	\$	2,072	\$	7,844
11/24/2019	12	438.232	438.23	\$21.43	\$9,391								\$	9,391	\$	2,014	\$	7,377
11/24/2019	13	429.566	429.57	\$20.93	\$8,991								\$	8,991	\$	1,967	\$	7,023
11/24/2019	14	422.823	422.82	\$19.99	\$8,452								\$	8,452	\$	1,879	\$	6,573
11/24/2019	15	419.858	419.86	\$20.13	\$8,452								\$	8,452	\$	1,892	\$	6,560
11/24/2019	16	433.495	433.5	\$22.74	\$9,858								\$	9,858	\$	2,138	\$	7,720
11/24/2019	17	465.786	460.79	\$28.41	\$13,091	5							\$	13,091	\$	2,671	\$	10,421
11/24/2019	18	484.199	484.2	\$26.44	\$12,802								\$	12,802	\$	2,485	\$	10,317
11/24/2019	19	486.892	486.89	\$26.61	\$12,956								\$	12,956	\$	2,501	\$	10,455
11/24/2019	20	483.916	483.92	\$25.66	\$12,417								\$	12,417	\$	2,412	\$	10,005
11/24/2019	21	468.288	468.29	\$23.07	\$10,803								\$	10,803	\$	2,169	\$	8,635
11/24/2019	22	447.777	447.78	\$22.41	\$10,035								\$	10,035	\$	2,107	\$	7,928
11/24/2019	23	425.328	425.33	\$20.40	\$8,677								\$	8,677	\$	1,918	\$	6,759
11/25/2019	0	412.342	412.34	\$19.57	\$8,069								\$	8,069	\$	1,840	\$	6,230
11/25/2019	1	408.236	408.24	\$19.60	\$8,002								\$	8,002	\$	1,842	\$	6,159
11/25/2019	2	406.211	406.21	\$19.49	\$7,917								\$	7,917	\$	1,832	\$	6,085
11/25/2019	3	410.433	349.43	\$19.59	\$6,845	61							\$	6,845	\$	1,841	\$	5,004
11/25/2019	4	425.14	328.14	\$22.04	\$7,232	97							\$	7,232	\$	2,072	\$	5,160
11/25/2019	5	453.742	350.74	\$25.76	\$9,035	103							\$	9,035	\$	2,421	\$	6,614
11/25/2019	6	498.72	400.72	\$38.78	\$15,540	98							\$	15,540	\$	3,645	\$	11,895
11/25/2019	7	525.287	431.29	\$40.93	\$17,653	94							\$	17,653	\$	3,847	\$	13,805
11/25/2019	8	517.596	424.6	\$30.35	\$12,887	93							\$	12,887	\$	2,853	\$	10,034
11/25/2019	9	502.211	337.21	\$28.02	\$9,449	165							\$	9,449	\$	2,634	\$	6,815
11/25/2019	10	493.636	300.64	\$26.60	\$7,997	193							\$	7,997	\$	2,500	\$	5,497
11/25/2019	11	482.08	290.08	\$24.77	\$7,185	192							\$	7,185	\$	2,328	\$	4,857
11/25/2019	12	471.376	270.38	\$24.16	\$6,532	201							\$	6,532	\$	2,271	\$	4,261
11/25/2019	13	466.599	266.6	\$23.96	\$6,388	200							\$	6,388	\$	2,252	\$	4,135
11/25/2019	14	460.781	259.78	\$23.69	\$6,154	201							\$	6,154	\$	2,227	\$	3,927
11/25/2019	15	464.717	264.72	\$23.24	\$6,152	200							\$	6,152	\$	2,185	\$	3,968
11/25/2019	16	466.291	267.29	\$24.72	\$6,607	199							\$	6,607	\$	2,324	\$	4,284
11/25/2019	17	490.67	289.67	\$30.85	\$8,936	201							\$	8,936	\$	2,900	\$	6,036
11/25/2019	18	505.369	304.37	\$30.08	\$9,155	201							\$	9,155	\$	2,828	\$	6,328
11/25/2019	19	502.468	302.47	\$28.39	\$8,587	200							\$	8,587	\$	2,669	\$	5,918
11/25/2019	20	493.622	293.62	\$25.72	\$7,552	200							\$	7,552	\$	2,418	\$	5,134
11/25/2019	21	476.014	282.01	\$23.78	\$6,706	194							\$	6,706	\$	2,235	\$	4,471
11/25/2019	22	452.572	253.57	\$22.89	\$5,804	199							\$	5,804	\$	2,152	\$	3,653
11/25/2019	23	425.13	226.13	\$21.27	\$4,810	199							\$	4,810	\$	1,999	\$	2,810

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate	Intermediate	Intermediate
														Calculation (\$)	Calculation (\$)	Calculation (\$)
11/26/2019	0	410.209	212.21	\$19.88	\$4,219	198								\$ 4,219	\$ 1,869	\$ 2,350
11/26/2019	1	403.355	203.36	\$19.94	\$4,055	200								\$ 4,055	\$ 1,874	\$ 2,181
11/26/2019	2	399.331	200.33	\$20.03	\$4,013	199								\$ 4,013	\$ 1,883	\$ 2,130
11/26/2019	3	401.222	202.22	\$20.23	\$4,091	199								\$ 4,091	\$ 1,902	\$ 2,189
11/26/2019	4	410.025	213.03	\$21.69	\$4,621	197								\$ 4,621	\$ 2,039	\$ 2,582
11/26/2019	5	435.685	234.69	\$24.01	\$5,635	201								\$ 5,635	\$ 2,257	\$ 3,378
11/26/2019	6	481.874	261.87	\$35.40	\$9,270	220								\$ 9,270	\$ 3,328	\$ 5,943
11/26/2019	7	505.805	271.81	\$36.56	\$9,937	234								\$ 9,937	\$ 3,437	\$ 6,501
11/26/2019	8	498.969	241.97	\$29.48	\$7,133	257								\$ 7,133	\$ 2,771	\$ 4,362
11/26/2019	9	485.258	228.26	\$27.32	\$6,236	257								\$ 6,236	\$ 2,568	\$ 3,668
11/26/2019	10	474.795	474.8	\$25.29	\$12,008									\$ 12,008	\$ 2,377	\$ 9,630
11/26/2019	11	461.145	461.15	\$24.28	\$11,197									\$ 11,197	\$ 2,282	\$ 8,914
11/26/2019	12	466.147	466.15	\$23.32	\$10,871									\$ 10,871	\$ 2,192	\$ 8,679
11/26/2019	13	472.082	472.08	\$22.80	\$10,763									\$ 10,763	\$ 2,143	\$ 8,620
11/26/2019	14	471.938	360.94	\$22.50	\$8,121	111								\$ 8,121	\$ 2,115	\$ 6,006
11/26/2019	15	470.821	293.82	\$22.35	\$6,567	177								\$ 6,567	\$ 2,101	\$ 4,466
11/26/2019	16	473.363	268.36	\$22.77	\$6,111	205								\$ 6,111	\$ 2,140	\$ 3,970
11/26/2019	17	495.981	271.98	\$27.94	\$7,599	224								\$ 7,599	\$ 2,626	\$ 4,973
11/26/2019	18	498.87	248.87	\$26.06	\$6,486	250								\$ 6,486	\$ 2,450	\$ 4,036
11/26/2019	19	492.902	229.9	\$24.58	\$5,651	263								\$ 5,651	\$ 2,311	\$ 3,340
11/26/2019	20	479.909	208.91	\$23.09	\$4,824	271								\$ 4,824	\$ 2,170	\$ 2,653
11/26/2019	21	464.429	178.43	\$22.17	\$3,956	286								\$ 3,956	\$ 2,084	\$ 1,872
11/26/2019	22	442.877	168.88	\$20.16	\$3,405	274								\$ 3,405	\$ 1,895	\$ 1,510
11/26/2019	23	418.036	154.04	\$19.35	\$2,981	264								\$ 2,981	\$ 1,819	\$ 1,162
11/27/2019	0	400.431	120.43	\$17.34	\$2,088	280								\$ 2,088	\$ 1,630	\$ 458
11/27/2019	1	389.478	97.48	\$16.49	\$1,607	292								\$ 1,607	\$ 1,550	\$ 57
11/27/2019	2	380.582	60.58	\$16.46	\$997	320								\$ 997	\$ 997	\$ -
11/27/2019	3	378.487	29.49	\$16.53	\$487	349								\$ 487	\$ 487	\$ -
11/27/2019	4	383.314	8.31	\$18.16	\$151	375								\$ 151	\$ 151	\$ -
11/27/2019	5	401.051	0	\$0.00	\$0	407								\$ -	\$ -	\$ -
11/27/2019	6	431.208	18.21	\$23.06	\$420	413								\$ 420	\$ 420	\$ -
11/27/2019	7	455.905	41.91	\$23.99	\$1,005	414								\$ 1,005	\$ 1,005	\$ -
11/27/2019	8	456.265	42.27	\$23.75	\$1,004	414								\$ 1,004	\$ 1,004	\$ -
11/27/2019	9	458.359	45.36	\$23.61	\$1,071	413								\$ 1,071	\$ 1,071	\$ -
11/27/2019	10	462.334	61.33	\$23.22	\$1,424	401								\$ 1,424	\$ 1,424	\$ -
11/27/2019	11	460.471	48.47	\$22.70	\$1,100	412								\$ 1,100	\$ 1,100	\$ -
11/27/2019	12	459.45	48.45	\$21.99	\$1,065	411								\$ 1,065	\$ 1,065	\$ -
11/27/2019	13	461.558	47.56	\$21.80	\$1,037	414								\$ 1,037	\$ 1,037	\$ -
11/27/2019	14	461.446	41.45	\$21.61	\$896	420								\$ 896	\$ 896	\$ -
11/27/2019	15	460.344	4.34	\$21.71	\$94	456								\$ 94	\$ 94	\$ -
11/27/2019	16	464.959	0	\$0.00	\$0	489								\$ -	\$ -	\$ -
11/27/2019	17	492.527	0	\$0.00	\$0	504								\$ -	\$ -	\$ -
11/27/2019	18	498.313	0	\$0.00	\$0	511								\$ -	\$ -	\$ -
11/27/2019	19	491.369	0	\$0.00	\$0	508								\$ -	\$ -	\$ -
11/27/2019	20	484.568	0	\$0.00	\$0	507								\$ -	\$ -	\$ -
11/27/2019	21	470.882	0	\$0.00	\$0	507								\$ -	\$ -	\$ -
11/27/2019	22	449.346	0	\$0.00	\$0	508								\$ -	\$ -	\$ -
11/27/2019	23	421.857	0	\$0.00	\$0	508								\$ -	\$ -	\$ -
11/28/2019	0	401.312	0	\$0.00	\$0	507								\$ -	\$ -	\$ -
11/28/2019	1	386.727	0	\$0.00	\$0	506								\$ -	\$ -	\$ -
11/28/2019	2	377.828	0	\$0.00	\$0	506								\$ -	\$ -	\$ -
11/28/2019	3	376.951	0	\$0.00	\$0	493								\$ -	\$ -	\$ -
11/28/2019	4	374.066	0	\$0.00	\$0	508								\$ -	\$ -	\$ -
11/28/2019	5	381.764	0	\$0.00	\$0	519								\$ -	\$ -	\$ -
11/28/2019	6	392.617	0	\$0.00	\$0	545								\$ -	\$ -	\$ -
11/28/2019	7	408.107	0	\$0.00	\$0	572								\$ -	\$ -	\$ -

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)			
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6		
11/28/2019	8	423.473			\$0	592						\$	-	\$	-	\$	-
11/28/2019	9	444.266			\$0	580						\$	-	\$	-	\$	-
11/28/2019	10	459.085			\$0	603						\$	-	\$	-	\$	-
11/28/2019	11	462.004			\$0	602						\$	-	\$	-	\$	-
11/28/2019	12	451.26			\$0	577						\$	-	\$	-	\$	-
11/28/2019	13	434.965	6.97	\$19.94	\$139	428						\$	139	\$	139	\$	-
11/28/2019	14	423.576	189.58	\$19.26	\$3,651	234						\$	3,651	\$	1,810	\$	1,841
11/28/2019	15	411.729	206.73	\$19.08	\$3,944	205						\$	3,944	\$	1,794	\$	2,151
11/28/2019	16	401.747	197.75	\$20.02	\$3,959	204						\$	3,959	\$	1,882	\$	2,077
11/28/2019	17	406.589	195.59	\$22.97	\$4,493	211						\$	4,493	\$	2,159	\$	2,334
11/28/2019	18	407.553	196.55	\$23.05	\$4,530	211						\$	4,530	\$	2,167	\$	2,364
11/28/2019	19	408.442	197.44	\$23.07	\$4,555	211						\$	4,555	\$	2,169	\$	2,386
11/28/2019	20	408.534	197.53	\$23.03	\$4,549	211						\$	4,549	\$	2,165	\$	2,384
11/28/2019	21	404.656	193.66	\$22.21	\$4,301	211						\$	4,301	\$	2,088	\$	2,213
11/28/2019	22	395.735	183.74	\$22.04	\$4,050	212						\$	4,050	\$	2,072	\$	1,978
11/28/2019	23	382.928	172.93	\$20.95	\$3,623	210						\$	3,623	\$	1,969	\$	1,654
11/29/2019	0	371.98	159.98	\$18.97	\$3,035	212						\$	3,035	\$	1,783	\$	1,252
11/29/2019	1	365.231	155.23	\$18.95	\$2,942	210						\$	2,942	\$	1,781	\$	1,160
11/29/2019	2	359.394	154.39	\$18.73	\$2,892	205						\$	2,892	\$	1,761	\$	1,131
11/29/2019	3	358.498	146.5	\$18.82	\$2,757	212						\$	2,757	\$	1,769	\$	988
11/29/2019	4	364.352	154.35	\$19.06	\$2,942	210						\$	2,942	\$	1,792	\$	1,150
11/29/2019	5	380.918	170.92	\$19.17	\$3,277	210						\$	3,277	\$	1,802	\$	1,475
11/29/2019	6	390.407	178.41	\$22.30	\$3,979	212						\$	3,979	\$	2,096	\$	1,882
11/29/2019	7	415.141	204.14	\$24.05	\$4,910	211						\$	4,910	\$	2,261	\$	2,649
11/29/2019	8	423.15	213.15	\$23.55	\$5,020	210						\$	5,020	\$	2,214	\$	2,806
11/29/2019	9	435.098	225.1	\$22.72	\$5,114	210						\$	5,114	\$	2,136	\$	2,979
11/29/2019	10	442.057	230.06	\$22.18	\$5,103	212						\$	5,103	\$	2,085	\$	3,018
11/29/2019	11	443.029	232.03	\$21.44	\$4,975	211						\$	4,975	\$	2,015	\$	2,959
11/29/2019	12	441.182	230.18	\$20.55	\$4,730	211						\$	4,730	\$	1,932	\$	2,798
11/29/2019	13	439.306	227.31	\$19.54	\$4,442	212						\$	4,442	\$	1,837	\$	2,605
11/29/2019	14	439.266	233.27	\$19.23	\$4,486	206						\$	4,486	\$	1,808	\$	2,678
11/29/2019	15	435.258	223.26	\$19.65	\$4,387	212						\$	4,387	\$	1,847	\$	2,540
11/29/2019	16	439.091	228.09	\$22.18	\$5,059	211						\$	5,059	\$	2,085	\$	2,974
11/29/2019	17	454.623	243.62	\$25.17	\$6,132	211						\$	6,132	\$	2,366	\$	3,766
11/29/2019	18	454.624	242.62	\$24.38	\$5,915	212						\$	5,915	\$	2,292	\$	3,623
11/29/2019	19	448.706	236.71	\$23.72	\$5,615	212						\$	5,615	\$	2,230	\$	3,385
11/29/2019	20	441.927	229.93	\$23.21	\$5,337	212						\$	5,337	\$	2,182	\$	3,155
11/29/2019	21	430.043	218.04	\$21.91	\$4,777	212						\$	4,777	\$	2,060	\$	2,718
11/29/2019	22	416.137	148.14	\$21.50	\$3,185	268						\$	3,185	\$	2,021	\$	1,164
11/29/2019	23	396.518	45.52	\$19.55	\$890	351						\$	890	\$	890	\$	-
11/30/2019	0	379.698	0	\$0.00	\$0	405						\$	-	\$	-	\$	-
11/30/2019	1	368.979	0	\$0.00	\$0	423						\$	-	\$	-	\$	-
11/30/2019	2	363.61	0	\$0.00	\$0	463						\$	-	\$	-	\$	-
11/30/2019	3	363.76	0	\$0.00	\$0	449						\$	-	\$	-	\$	-
11/30/2019	4	367.915	0	\$0.00	\$0	462						\$	-	\$	-	\$	-
11/30/2019	5	376.652	0	\$0.00	\$0	464						\$	-	\$	-	\$	-
11/30/2019	6	391.157	0	\$0.00	\$0	465						\$	-	\$	-	\$	-
11/30/2019	7	413.411	0	\$0.00	\$0	463						\$	-	\$	-	\$	-
11/30/2019	8	430.169	0	\$0.00	\$0	465						\$	-	\$	-	\$	-
11/30/2019	9	448.788	0	\$0.00	\$0	467						\$	-	\$	-	\$	-
11/30/2019	10	460.49	0	\$0.00	\$0	466						\$	-	\$	-	\$	-
11/30/2019	11	466.593	0	\$0.00	\$0	467						\$	-	\$	-	\$	-
11/30/2019	12	471.53	6.53	\$20.84	\$136	465						\$	136	\$	136	\$	-
11/30/2019	13	467.538	4.54	\$20.00	\$91	463						\$	91	\$	91	\$	-
11/30/2019	14	463.604	0	\$0.00	\$0	466						\$	-	\$	-	\$	-
11/30/2019	15	461.549	0	\$0.00	\$0	465						\$	-	\$	-	\$	-

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Demand (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)			
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6		
11/30/2019	16	466.278	0.28	\$22.15	\$6	466						\$	6	\$	6	\$	-
11/30/2019	17	480.042	14.04	\$23.51	\$330	466						\$	330	\$	330	\$	-
11/30/2019	18	473.161	4.16	\$22.70	\$94	469						\$	94	\$	94	\$	-
11/30/2019	19	463.261	13.26	\$22.40	\$297	450						\$	297	\$	297	\$	-
11/30/2019	20	455.726	0	\$0.00	\$0	467						\$	-	\$	-	\$	-
11/30/2019	21	441.029	0	\$0.00	\$0	465						\$	-	\$	-	\$	-
11/30/2019	22	419.614	0	\$0.00	\$0	465						\$	-	\$	-	\$	-
11/30/2019	23	395.088	0	\$0.00	\$0	464						\$	-	\$	-	\$	-
12/1/2019	0	422.922			\$0	465						\$	-	\$	-	\$	-
12/1/2019	1	404.218			\$0	463						\$	-	\$	-	\$	-
12/1/2019	2	394.227			\$0	463						\$	-	\$	-	\$	-
12/1/2019	3	385.495			\$0	463						\$	-	\$	-	\$	-
12/1/2019	4	385.51			\$0	463						\$	-	\$	-	\$	-
12/1/2019	5	393.497			\$0	464						\$	-	\$	-	\$	-
12/1/2019	6	409.405			\$0	465						\$	-	\$	-	\$	-
12/1/2019	7	428.772			\$0	463						\$	-	\$	-	\$	-
12/1/2019	8	438.227			\$0	466						\$	-	\$	-	\$	-
12/1/2019	9	445.989			\$0	464						\$	-	\$	-	\$	-
12/1/2019	10	456.817			\$0	459						\$	-	\$	-	\$	-
12/1/2019	11	467.695			\$0	511						\$	-	\$	-	\$	-
12/1/2019	12	483.518			\$0	540						\$	-	\$	-	\$	-
12/1/2019	13	489.499			\$0	571						\$	-	\$	-	\$	-
12/1/2019	14	495.399			\$0	532						\$	-	\$	-	\$	-
12/1/2019	15	498.306	2.31	\$19.81	\$46	496						\$	46	\$	46	\$	-
12/1/2019	16	519.602	30.6	\$22.29	\$682	489						\$	682	\$	682	\$	-
12/1/2019	17	553.935	13.94	\$24.95	\$348	540						\$	348	\$	348	\$	-
12/1/2019	18	560.958			\$0	584						\$	-	\$	-	\$	-
12/1/2019	19	562.885			\$0	601						\$	-	\$	-	\$	-
12/1/2019	20	551.929			\$0	599						\$	-	\$	-	\$	-
12/1/2019	21	532.332			\$0	593						\$	-	\$	-	\$	-
12/1/2019	22	506.096			\$0	560						\$	-	\$	-	\$	-
12/1/2019	23	479.863			\$0	511						\$	-	\$	-	\$	-
12/2/2019	0	463.527	8.53	\$16.53	\$141	455						\$	141	\$	141	\$	-
12/2/2019	1	457.826	31.83	\$16.64	\$530	426						\$	530	\$	530	\$	-
12/2/2019	2	455.76	40.76	\$16.63	\$678	415						\$	678	\$	678	\$	-
12/2/2019	3	460.969	47.97	\$16.97	\$814	413						\$	814	\$	814	\$	-
12/2/2019	4	478.59	67.59	\$17.68	\$1,195	411						\$	1,195	\$	1,195	\$	-
12/2/2019	5	512.363	91.36	\$20.77	\$1,898	421						\$	1,898	\$	1,898	\$	-
12/2/2019	6	564.712	93.71	\$26.90	\$2,521	471						\$	2,521	\$	2,521	\$	-
12/2/2019	7	598.454	160.45	\$31.80	\$5,102	438						\$	5,102	\$	2,989	\$	2,113
12/2/2019	8	608.325	146.33	\$26.27	\$3,844	462						\$	3,844	\$	2,469	\$	1,375
12/2/2019	9	611.228	70.23	\$26.08	\$1,832	541						\$	1,832	\$	1,832	\$	-
12/2/2019	10	618.132	23.13	\$26.55	\$614	595						\$	614	\$	614	\$	-
12/2/2019	11	621.115	17.12	\$25.75	\$441	604						\$	441	\$	441	\$	-
12/2/2019	12	619.98	19.98	\$24.75	\$495	600						\$	495	\$	495	\$	-
12/2/2019	13	616.054	11.05	\$25.43	\$281	605						\$	281	\$	281	\$	-
12/2/2019	14	612.148	9.15	\$24.55	\$225	603						\$	225	\$	225	\$	-
12/2/2019	15	615.927	12.93	\$24.94	\$322	603						\$	322	\$	322	\$	-
12/2/2019	16	624.561	22.56	\$28.44	\$642	602						\$	642	\$	642	\$	-
12/2/2019	17	652.149	66.15	\$37.55	\$2,484	586						\$	2,484	\$	2,484	\$	-
12/2/2019	18	657.391	53.39	\$32.11	\$1,714	604						\$	1,714	\$	1,714	\$	-
12/2/2019	19	656.425	53.43	\$29.99	\$1,602	603						\$	1,602	\$	1,602	\$	-
12/2/2019	20	644.626	42.63	\$39.25	\$1,673	602						\$	1,673	\$	1,673	\$	-
12/2/2019	21	624.1	20.1	\$26.15	\$526	604						\$	526	\$	526	\$	-
12/2/2019	22	589.054			\$0	598						\$	-	\$	-	\$	-
12/2/2019	23	554.783			\$0	583						\$	-	\$	-	\$	-



Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)			
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6		
12/3/2019	0	533.106			\$0	547						\$	-	\$	-	\$	-
12/3/2019	1	525.221	11.22	\$21.16	\$237	514						\$	237	\$	237	\$	-
12/3/2019	2	514.465	33.47	\$20.98	\$702	481						\$	702	\$	702	\$	-
12/3/2019	3	512.591	82.59	\$20.95	\$1,730	430						\$	1,730	\$	1,730	\$	-
12/3/2019	4	527.325	116.33	\$21.72	\$2,527	411						\$	2,527	\$	2,042	\$	485
12/3/2019	5	556.738	157.74	\$24.04	\$3,792	399						\$	3,792	\$	2,260	\$	1,532
12/3/2019	6	604.495	121.5	\$32.02	\$3,890	483						\$	3,890	\$	3,010	\$	881
12/3/2019	7	634.797	65.8	\$37.70	\$2,481	569						\$	2,481	\$	2,481	\$	-
12/3/2019	8	640.063	37.06	\$29.01	\$1,075	603						\$	1,075	\$	1,075	\$	-
12/3/2019	9	641.951	40.95	\$25.43	\$1,041	601						\$	1,041	\$	1,041	\$	-
12/3/2019	10	645.986	44.99	\$24.27	\$1,092	601						\$	1,092	\$	1,092	\$	-
12/3/2019	11	642.18	86.18	\$23.22	\$2,001	556						\$	2,001	\$	2,001	\$	-
12/3/2019	12	637.228	62.23	\$22.75	\$1,416	575						\$	1,416	\$	1,416	\$	-
12/3/2019	13	625.337	40.34	\$22.64	\$913	585						\$	913	\$	913	\$	-
12/3/2019	14	617.529	42.53	\$22.28	\$948	575						\$	948	\$	948	\$	-
12/3/2019	15	612.373	17.37	\$22.47	\$390	595						\$	390	\$	390	\$	-
12/3/2019	16	623.048	21.05	\$24.16	\$509	602						\$	509	\$	509	\$	-
12/3/2019	17	650.384	47.38	\$28.56	\$1,353	603						\$	1,353	\$	1,353	\$	-
12/3/2019	18	655.229	51.23	\$26.61	\$1,363	604						\$	1,363	\$	1,363	\$	-
12/3/2019	19	651.976	50.98	\$26.12	\$1,332	601						\$	1,332	\$	1,332	\$	-
12/3/2019	20	645.046	51.05	\$24.98	\$1,275	594						\$	1,275	\$	1,275	\$	-
12/3/2019	21	626.55	36.55	\$23.20	\$848	590						\$	848	\$	848	\$	-
12/3/2019	22	597.261	64.26	\$21.63	\$1,390	533						\$	1,390	\$	1,390	\$	-
12/3/2019	23	563.651	91.65	\$20.81	\$1,907	472						\$	1,907	\$	1,907	\$	-
12/4/2019	0	543.98	135.98	\$19.68	\$2,676	408						\$	2,676	\$	1,850	\$	826
12/4/2019	1	530.978	164.98	\$19.38	\$3,197	366						\$	3,197	\$	1,822	\$	1,376
12/4/2019	2	522.176	155.18	\$19.31	\$2,997	367						\$	2,997	\$	1,815	\$	1,181
12/4/2019	3	523.306	154.31	\$20.03	\$3,091	369						\$	3,091	\$	1,883	\$	1,208
12/4/2019	4	535.887	169.89	\$21.04	\$3,574	366						\$	3,574	\$	1,978	\$	1,597
12/4/2019	5	564.553	189.55	\$22.89	\$4,339	375						\$	4,339	\$	2,152	\$	2,187
12/4/2019	6	614.472	162.47	\$28.75	\$4,671	452						\$	4,671	\$	2,703	\$	1,969
12/4/2019	7	641.406	98.41	\$30.83	\$3,034	543						\$	3,034	\$	2,898	\$	136
12/4/2019	8	635.634	39.63	\$25.93	\$1,028	596						\$	1,028	\$	1,028	\$	-
12/4/2019	9	622.884	23.88	\$24.05	\$574	599						\$	574	\$	574	\$	-
12/4/2019	10	602.575	12.58	\$23.15	\$291	590						\$	291	\$	291	\$	-
12/4/2019	11	588.972	35.97	\$22.37	\$805	553						\$	805	\$	805	\$	-
12/4/2019	12	578.444	100.44	\$21.21	\$2,130	478						\$	2,130	\$	1,994	\$	137
12/4/2019	13	566.935	137.94	\$20.99	\$2,895	429						\$	2,895	\$	1,973	\$	922
12/4/2019	14	559.087	150.09	\$20.79	\$3,120	409						\$	3,120	\$	1,954	\$	1,166
12/4/2019	15	557.117	186.12	\$20.84	\$3,879	371						\$	3,879	\$	1,959	\$	1,920
12/4/2019	16	556.871	168.87	\$22.47	\$3,795	388						\$	3,795	\$	2,112	\$	1,682
12/4/2019	17	595.115	152.12	\$27.13	\$4,127	443						\$	4,127	\$	2,550	\$	1,577
12/4/2019	18	614.745	110.75	\$25.87	\$2,865	504						\$	2,865	\$	2,432	\$	433
12/4/2019	19	616.626	85.63	\$25.61	\$2,193	531						\$	2,193	\$	2,193	\$	-
12/4/2019	20	609.603	36.6	\$26.29	\$962	573						\$	962	\$	962	\$	-
12/4/2019	21	589.955	22.96	\$23.31	\$535	567						\$	535	\$	535	\$	-
12/4/2019	22	557.479	16.48	\$21.46	\$354	541						\$	354	\$	354	\$	-
12/4/2019	23	526.179	72.18	\$19.84	\$1,432	454						\$	1,432	\$	1,432	\$	-
12/5/2019	0	504.698	113.7	\$19.78	\$2,249	391						\$	2,249	\$	1,859	\$	390
12/5/2019	1	494.088	128.09	\$19.50	\$2,498	366						\$	2,498	\$	1,833	\$	665
12/5/2019	2	489.289	133.29	\$19.28	\$2,570	356						\$	2,570	\$	1,812	\$	758
12/5/2019	3	490.288	124.29	\$19.63	\$2,440	366						\$	2,440	\$	1,845	\$	595
12/5/2019	4	507.045	79.05	\$20.67	\$1,634	428						\$	1,634	\$	1,634	\$	-
12/5/2019	5	525.748	52.75	\$22.18	\$1,170	473						\$	1,170	\$	1,170	\$	-
12/5/2019	6	596.143	77.14	\$28.59	\$2,205	519						\$	2,205	\$	2,205	\$	-
12/5/2019	7	627.16	97.16	\$39.04	\$3,793	530						\$	3,793	\$	3,670	\$	123

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
12/5/2019	8	620.494	70.49	\$28.43	\$2,004	550							\$ 2,004	\$ 2,004	\$ -
12/5/2019	9	601.091	31.09	\$26.12	\$812	570							\$ 812	\$ 812	\$ -
12/5/2019	10	582.654			\$0	593							\$ -	\$ -	\$ -
12/5/2019	11	565.983			\$0	587							\$ -	\$ -	\$ -
12/5/2019	12	557.344			\$0	558							\$ -	\$ -	\$ -
12/5/2019	13	551.646	18.65	\$22.15	\$413	533							\$ 413	\$ 413	\$ -
12/5/2019	14	545.738	70.74	\$22.02	\$1,558	475							\$ 1,558	\$ 1,558	\$ -
12/5/2019	15	544.744	95.74	\$21.98	\$2,104	449							\$ 2,104	\$ 2,066	\$ 38
12/5/2019	16	551.271	64.27	\$23.64	\$1,519	487							\$ 1,519	\$ 1,519	\$ -
12/5/2019	17	585.073	23.07	\$43.08	\$994	562							\$ 994	\$ 994	\$ -
12/5/2019	18	601.455			\$0	603							\$ -	\$ -	\$ -
12/5/2019	19	602.712			\$0	604							\$ -	\$ -	\$ -
12/5/2019	20	598.32	1.32	\$26.69	\$35	597							\$ 35	\$ 35	\$ -
12/5/2019	21	579.929			\$0	597							\$ -	\$ -	\$ -
12/5/2019	22	549.366			\$0	560							\$ -	\$ -	\$ -
12/5/2019	23	515.087	44.09	\$21.62	\$953	471							\$ 953	\$ 953	\$ -
12/6/2019	0	497.494	87.49	\$19.65	\$1,719	410							\$ 1,719	\$ 1,719	\$ -
12/6/2019	1	484.861	120.86	\$19.07	\$2,305	364							\$ 2,305	\$ 1,793	\$ 512
12/6/2019	2	473.025	93.03	\$19.29	\$1,795	380							\$ 1,795	\$ 1,795	\$ -
12/6/2019	3	471.055	105.06	\$19.31	\$2,029	366							\$ 2,029	\$ 1,815	\$ 214
12/6/2019	4	479.995	101	\$20.08	\$2,028	379							\$ 2,028	\$ 1,888	\$ 141
12/6/2019	5	502.684	117.68	\$23.37	\$2,750	385							\$ 2,750	\$ 2,197	\$ 553
12/6/2019	6	545.762	84.76	\$32.92	\$2,790	461							\$ 2,790	\$ 2,790	\$ -
12/6/2019	7	571.158	69.16	\$33.48	\$2,315	502							\$ 2,315	\$ 2,315	\$ -
12/6/2019	8	566.387			\$0	568							\$ -	\$ -	\$ -
12/6/2019	9	566.52			\$0	594							\$ -	\$ -	\$ -
12/6/2019	10	565.713			\$0	605							\$ -	\$ -	\$ -
12/6/2019	11	560.081			\$0	602							\$ -	\$ -	\$ -
12/6/2019	12	555.521			\$0	605							\$ -	\$ -	\$ -
12/6/2019	13	550.763			\$0	603							\$ -	\$ -	\$ -
12/6/2019	14	551.203	76.2	\$22.18	\$1,690	475							\$ 1,690	\$ 1,690	\$ -
12/6/2019	15	554.382	76.38	\$21.96	\$1,677	478							\$ 1,677	\$ 1,677	\$ -
12/6/2019	16	558.205	4.21	\$23.60	\$99	554							\$ 99	\$ 99	\$ -
12/6/2019	17	581.782			\$0	585							\$ -	\$ -	\$ -
12/6/2019	18	577.958			\$0	604							\$ -	\$ -	\$ -
12/6/2019	19	572.085			\$0	604							\$ -	\$ -	\$ -
12/6/2019	20	567.142			\$0	605							\$ -	\$ -	\$ -
12/6/2019	21	557.347			\$0	602							\$ -	\$ -	\$ -
12/6/2019	22	539.748			\$0	599							\$ -	\$ -	\$ -
12/6/2019	23	515.188			\$0	599							\$ -	\$ -	\$ -
12/7/2019	0	502.173	0	\$0.00	\$0	603							\$ -	\$ -	\$ -
12/7/2019	1	492.293	0	\$0.00	\$0	600							\$ -	\$ -	\$ -
12/7/2019	2	489.309	0	\$0.00	\$0	594							\$ -	\$ -	\$ -
12/7/2019	3	491.17	0	\$0.00	\$0	588							\$ -	\$ -	\$ -
12/7/2019	4	500.978			\$0	604							\$ -	\$ -	\$ -
12/7/2019	5	516.511			\$0	603							\$ -	\$ -	\$ -
12/7/2019	6	540.943			\$0	587							\$ -	\$ -	\$ -
12/7/2019	7	562.543			\$0	603							\$ -	\$ -	\$ -
12/7/2019	8	574.212			\$0	602							\$ -	\$ -	\$ -
12/7/2019	9	569.484			\$0	602							\$ -	\$ -	\$ -
12/7/2019	10	555.872			\$0	602							\$ -	\$ -	\$ -
12/7/2019	11	540.292			\$0	598							\$ -	\$ -	\$ -
12/7/2019	12	524.674			\$0	571							\$ -	\$ -	\$ -
12/7/2019	13	513.087			\$0	530							\$ -	\$ -	\$ -
12/7/2019	14	503.331	9.33	\$21.54	\$201	494							\$ 201	\$ 201	\$ -
12/7/2019	15	501.362	53.36	\$22.03	\$1,176	448							\$ 1,176	\$ 1,176	\$ -

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Demand (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5			
12/7/2019	16	509.05	41.05	\$25.06	\$1,029	468						\$ 1,029	\$ 1,029	\$ -
12/7/2019	17	543.057	10.06	\$33.81	\$340	533						\$ 340	\$ 340	\$ -
12/7/2019	18	560.287			\$0	587						\$ -	\$ -	\$ -
12/7/2019	19	559.905			\$0	606						\$ -	\$ -	\$ -
12/7/2019	20	557.659			\$0	602						\$ -	\$ -	\$ -
12/7/2019	21	549.818			\$0	603						\$ -	\$ -	\$ -
12/7/2019	22	532.268			\$0	595						\$ -	\$ -	\$ -
12/7/2019	23	510.744			\$0	594						\$ -	\$ -	\$ -
12/8/2019	0	493.138			\$0	593						\$ -	\$ -	\$ -
12/8/2019	1	482.262			\$0	605						\$ -	\$ -	\$ -
12/8/2019	2	479.356			\$0	599						\$ -	\$ -	\$ -
12/8/2019	3	478.23			\$0	589						\$ -	\$ -	\$ -
12/8/2019	4	483.093			\$0	556						\$ -	\$ -	\$ -
12/8/2019	5	490.939			\$0	519						\$ -	\$ -	\$ -
12/8/2019	6	506.747			\$0	524						\$ -	\$ -	\$ -
12/8/2019	7	523.521			\$0	540						\$ -	\$ -	\$ -
12/8/2019	8	532.092			\$0	562						\$ -	\$ -	\$ -
12/8/2019	9	529.252			\$0	557						\$ -	\$ -	\$ -
12/8/2019	10	523.644			\$0	525						\$ -	\$ -	\$ -
12/8/2019	11	520.218	40.22	\$20.24	\$814	480						\$ 814	\$ 814	\$ -
12/8/2019	12	518.335	79.34	\$19.72	\$1,565	439						\$ 1,565	\$ 1,565	\$ -
12/8/2019	13	505.658	109.66	\$19.71	\$2,161	396						\$ 2,161	\$ 1,853	\$ 309
12/8/2019	14	495.811	124.81	\$19.36	\$2,416	371						\$ 2,416	\$ 1,820	\$ 596
12/8/2019	15	489.962	124.96	\$19.47	\$2,433	365						\$ 2,433	\$ 1,830	\$ 603
12/8/2019	16	503.622	128.62	\$21.93	\$2,821	375						\$ 2,821	\$ 2,061	\$ 759
12/8/2019	17	536.889	92.89	\$27.68	\$2,571	444						\$ 2,571	\$ 2,571	\$ -
12/8/2019	18	546.575	21.58	\$24.94	\$538	525						\$ 538	\$ 538	\$ -
12/8/2019	19	541.716			\$0	547						\$ -	\$ -	\$ -
12/8/2019	20	532.756			\$0	558						\$ -	\$ -	\$ -
12/8/2019	21	515.164			\$0	526						\$ -	\$ -	\$ -
12/8/2019	22	489.702	0	\$0.00	\$0	507						\$ -	\$ -	\$ -
12/8/2019	23	461.274	1.27	\$18.49	\$23	460						\$ 23	\$ 23	\$ -
12/9/2019	0	438.661	30.66	\$17.81	\$546	408						\$ 546	\$ 546	\$ -
12/9/2019	1	427.011	50.01	\$16.61	\$831	377						\$ 831	\$ 831	\$ -
12/9/2019	2	421.34	55.34	\$15.98	\$884	366						\$ 884	\$ 884	\$ -
12/9/2019	3	423.352	57.35	\$16.66	\$955	366						\$ 955	\$ 955	\$ -
12/9/2019	4	436.102	68.1	\$18.07	\$1,231	368						\$ 1,231	\$ 1,231	\$ -
12/9/2019	5	466.46	93.46	\$20.65	\$1,930	373						\$ 1,930	\$ 1,930	\$ -
12/9/2019	6	519.706	117.71	\$24.63	\$2,899	402						\$ 2,899	\$ 2,315	\$ 584
12/9/2019	7	556.42	67.42	\$26.94	\$1,816	489						\$ 1,816	\$ 1,816	\$ -
12/9/2019	8	561.062	59.06	\$30.99	\$1,830	502						\$ 1,830	\$ 1,830	\$ -
12/9/2019	9	564.099	132.1	\$27.15	\$3,587	432						\$ 3,587	\$ 2,552	\$ 1,034
12/9/2019	10	566.945	192.95	\$26.12	\$5,040	374						\$ 5,040	\$ 2,455	\$ 2,585
12/9/2019	11	571.044	204.04	\$25.74	\$5,252	367						\$ 5,252	\$ 2,420	\$ 2,832
12/9/2019	12	572.048	204.05	\$28.32	\$5,779	368						\$ 5,779	\$ 2,662	\$ 3,117
12/9/2019	13	571.953	204.95	\$24.33	\$4,986	367						\$ 4,986	\$ 2,287	\$ 2,699
12/9/2019	14	568	202	\$22.87	\$4,620	366						\$ 4,620	\$ 2,150	\$ 2,470
12/9/2019	15	567.157	198.16	\$22.97	\$4,552	369						\$ 4,552	\$ 2,159	\$ 2,393
12/9/2019	16	578.021	211.02	\$25.98	\$5,482	367						\$ 5,482	\$ 2,442	\$ 3,040
12/9/2019	17	600.659	232.66	\$28.10	\$6,538	368						\$ 6,538	\$ 2,641	\$ 3,896
12/9/2019	18	601.596	234.6	\$26.24	\$6,156	367						\$ 6,156	\$ 2,467	\$ 3,689
12/9/2019	19	594.722	226.72	\$24.49	\$5,552	368						\$ 5,552	\$ 2,302	\$ 3,250
12/9/2019	20	577.928	210.93	\$23.47	\$4,951	367						\$ 4,951	\$ 2,206	\$ 2,744
12/9/2019	21	555.23	188.23	\$21.20	\$3,990	367						\$ 3,990	\$ 1,993	\$ 1,998
12/9/2019	22	522.845	153.85	\$19.13	\$2,943	369						\$ 2,943	\$ 1,798	\$ 1,145
12/9/2019	23	472.628	104.63	\$16.09	\$1,683	368						\$ 1,683	\$ 1,512	\$ 171

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)	
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6
12/10/2019	0	463.851	98.85	\$17.30	\$1,710	365							\$ 1,710	\$ 1,626	\$ 84
12/10/2019	1	449.297	82.3	\$16.60	\$1,366	367							\$ 1,366	\$ 1,366	\$ -
12/10/2019	2	442.442	75.44	\$16.03	\$1,209	367							\$ 1,209	\$ 1,209	\$ -
12/10/2019	3	447.438	80.44	\$16.13	\$1,297	367							\$ 1,297	\$ 1,297	\$ -
12/10/2019	4	464.19	107.19	\$18.03	\$1,933	357							\$ 1,933	\$ 1,695	\$ 238
12/10/2019	5	505.417	137.42	\$21.27	\$2,923	368							\$ 2,923	\$ 1,999	\$ 924
12/10/2019	6	565.403	154.4	\$28.18	\$4,351	411							\$ 4,351	\$ 2,649	\$ 1,702
12/10/2019	7	604.536	108.54	\$30.08	\$3,265	496							\$ 3,265	\$ 2,828	\$ 437
12/10/2019	8	610.192	39.19	\$31.33	\$1,228	571							\$ 1,228	\$ 1,228	\$ -
12/10/2019	9	620.885	33.89	\$32.83	\$1,113	587							\$ 1,113	\$ 1,113	\$ -
12/10/2019	10	630.579	29.58	\$35.79	\$1,059	601							\$ 1,059	\$ 1,059	\$ -
12/10/2019	11	633.431	39.43	\$29.08	\$1,147	594							\$ 1,147	\$ 1,147	\$ -
12/10/2019	12	638.387	37.39	\$27.93	\$1,044	601							\$ 1,044	\$ 1,044	\$ -
12/10/2019	13	637.192	32.19	\$28.33	\$912	605							\$ 912	\$ 912	\$ -
12/10/2019	14	638.195	35.2	\$27.91	\$982	603							\$ 982	\$ 982	\$ -
12/10/2019	15	643.972	41.97	\$28.23	\$1,185	602							\$ 1,185	\$ 1,185	\$ -
12/10/2019	16	656.605	50.61	\$33.84	\$1,713	606							\$ 1,713	\$ 1,713	\$ -
12/10/2019	17	683.302	95.3	\$53.38	\$5,087	588							\$ 5,087	\$ 5,018	\$ 69
12/10/2019	18	692.206	87.21	\$57.34	\$5,001	605							\$ 5,001	\$ 5,001	\$ -
12/10/2019	19	686.193	82.19	\$40.91	\$3,362	604							\$ 3,362	\$ 3,362	\$ -
12/10/2019	20	679.42	74.42	\$36.33	\$2,704	605							\$ 2,704	\$ 2,704	\$ -
12/10/2019	21	660.82	57.82	\$33.71	\$1,949	603							\$ 1,949	\$ 1,949	\$ -
12/10/2019	22	632.395	30.4	\$28.45	\$865	602							\$ 865	\$ 865	\$ -
12/10/2019	23	600.24	4.24	\$25.92	\$110	596							\$ 110	\$ 110	\$ -
12/11/2019	0	582.451	20.45	\$20.53	\$420	562							\$ 420	\$ 420	\$ -
12/11/2019	1	572.502	61.5	\$19.65	\$1,208	511							\$ 1,208	\$ 1,208	\$ -
12/11/2019	2	569.702	91.7	\$19.76	\$1,812	478							\$ 1,812	\$ 1,812	\$ -
12/11/2019	3	575.621	89.62	\$20.13	\$1,804	486							\$ 1,804	\$ 1,804	\$ -
12/11/2019	4	594.163	70.16	\$21.43	\$1,504	524							\$ 1,504	\$ 1,504	\$ -
12/11/2019	5	628.988	63.99	\$27.62	\$1,767	565							\$ 1,767	\$ 1,767	\$ -
12/11/2019	6	680.725	78.73	\$34.99	\$2,755	602							\$ 2,755	\$ 2,755	\$ -
12/11/2019	7	710.255	123.26	\$49.19	\$6,063	587							\$ 6,063	\$ 4,624	\$ 1,439
12/11/2019	8	695.523	92.52	\$35.90	\$3,321	603							\$ 3,321	\$ 3,321	\$ -
12/11/2019	9	672.961	86.96	\$32.14	\$2,795	586							\$ 2,795	\$ 2,795	\$ -
12/11/2019	10	658.331	71.33	\$31.15	\$2,222	587							\$ 2,222	\$ 2,222	\$ -
12/11/2019	11	646.666	44.67	\$27.90	\$1,246	602							\$ 1,246	\$ 1,246	\$ -
12/11/2019	12	640.877	38.88	\$26.45	\$1,028	602							\$ 1,028	\$ 1,028	\$ -
12/11/2019	13	641.991	39.99	\$25.52	\$1,021	602							\$ 1,021	\$ 1,021	\$ -
12/11/2019	14	637.038	34.04	\$25.36	\$863	603							\$ 863	\$ 863	\$ -
12/11/2019	15	633.166	30.17	\$25.55	\$771	603							\$ 771	\$ 771	\$ -
12/11/2019	16	626.832	24.83	\$34.11	\$847	602							\$ 847	\$ 847	\$ -
12/11/2019	17	661.941	57.94	\$47.67	\$2,762	604							\$ 2,762	\$ 2,762	\$ -
12/11/2019	18	681.548	78.55	\$42.31	\$3,323	603							\$ 3,323	\$ 3,323	\$ -
12/11/2019	19	681.7	78.7	\$42.21	\$3,322	603							\$ 3,322	\$ 3,322	\$ -
12/11/2019	20	671.788	69.79	\$40.97	\$2,859	602							\$ 2,859	\$ 2,859	\$ -
12/11/2019	21	655.979	53.98	\$35.35	\$1,908	602							\$ 1,908	\$ 1,908	\$ -
12/11/2019	22	623.577	21.58	\$28.83	\$622	602							\$ 622	\$ 622	\$ -
12/11/2019	23	591.068	0	\$0.00	\$0	603							\$ -	\$ -	\$ -
12/12/2019	0	571.501			\$0	603							\$ -	\$ -	\$ -
12/12/2019	1	563.676			\$0	603							\$ -	\$ -	\$ -
12/12/2019	2	557.745			\$0	586							\$ -	\$ -	\$ -
12/12/2019	3	558.59			\$0	602							\$ -	\$ -	\$ -
12/12/2019	4	572.169			\$0	603							\$ -	\$ -	\$ -
12/12/2019	5	606.377	17.38	\$37.67	\$655	589							\$ 655	\$ 655	\$ -
12/12/2019	6	660.641	96.64	\$60.98	\$5,893	563							\$ 5,893	\$ 5,732	\$ 161
12/12/2019	7	686.388	150.39	\$75.37	\$11,335	536							\$ 11,335	\$ 7,085	\$ 4,250

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
12/12/2019	8	673.639	145.64	\$45.82	\$6,673	526							2	\$ 6,673	\$ 4,307	\$ 2,366
12/12/2019	9	654.001	81	\$31.60	\$2,560	570							3	\$ 2,560	\$ 2,560	\$ -
12/12/2019	10	631.64	34.64	\$28.23	\$978	597								\$ 978	\$ 978	\$ -
12/12/2019	11	618.056	16.06	\$25.12	\$403	602								\$ 403	\$ 403	\$ -
12/12/2019	12	599.259			\$0	602								\$ -	\$ -	\$ -
12/12/2019	13	590.535			\$0	597								\$ -	\$ -	\$ -
12/12/2019	14	585.702	0.7	\$23.21	\$16	585								\$ 16	\$ 16	\$ -
12/12/2019	15	596.521	33.52	\$23.50	\$788	563								\$ 788	\$ 788	\$ -
12/12/2019	16	605.16	22.16	\$32.22	\$714	583								\$ 714	\$ 714	\$ -
12/12/2019	17	627.551	24.55	\$43.68	\$1,072	603								\$ 1,072	\$ 1,072	\$ -
12/12/2019	18	639.345	38.35	\$40.59	\$1,557	601								\$ 1,557	\$ 1,557	\$ -
12/12/2019	19	638.147	54.15	\$39.77	\$2,154	584								\$ 2,154	\$ 2,154	\$ -
12/12/2019	20	629.164	35.16	\$35.18	\$1,237	594								\$ 1,237	\$ 1,237	\$ -
12/12/2019	21	616.504	14.5	\$28.46	\$413	602								\$ 413	\$ 413	\$ -
12/12/2019	22	584.827			\$0	592								\$ -	\$ -	\$ -
12/12/2019	23	553.682			\$0	569								\$ -	\$ -	\$ -
12/13/2019	0	531.073	0	\$0.00	\$0	549								\$ -	\$ -	\$ -
12/13/2019	1	523.53	0	\$0.00	\$0	548								\$ -	\$ -	\$ -
12/13/2019	2	514.872	1.87	\$20.38	\$38	513								\$ 38	\$ 38	\$ -
12/13/2019	3	514.895	49.9	\$20.39	\$1,017	465								\$ 1,017	\$ 1,017	\$ -
12/13/2019	4	522.854	102.85	\$20.93	\$2,153	420								\$ 2,153	\$ 1,967	\$ 185
12/13/2019	5	546.473	128.47	\$25.52	\$3,279	418								\$ 3,279	\$ 2,399	\$ 880
12/13/2019	6	592.631	121.63	\$32.49	\$3,952	471								\$ 3,952	\$ 3,054	\$ 898
12/13/2019	7	618.448	126.45	\$39.67	\$5,016	492								\$ 5,016	\$ 3,729	\$ 1,287
12/13/2019	8	610.714	92.71	\$32.07	\$2,973	518								\$ 2,973	\$ 2,973	\$ -
12/13/2019	9	599.798	37.8	\$35.94	\$1,359	562								\$ 1,359	\$ 1,359	\$ -
12/13/2019	10	581.987			\$0	586								\$ -	\$ -	\$ -
12/13/2019	11	565.35			\$0	605								\$ -	\$ -	\$ -
12/13/2019	12	557.715			\$0	605								\$ -	\$ -	\$ -
12/13/2019	13	554.707			\$0	603								\$ -	\$ -	\$ -
12/13/2019	14	550.814			\$0	606								\$ -	\$ -	\$ -
12/13/2019	15	555.826			\$0	602								\$ -	\$ -	\$ -
12/13/2019	16	565.53			\$0	603								\$ -	\$ -	\$ -
12/13/2019	17	590.129	0	\$0.00	\$0	605								\$ -	\$ -	\$ -
12/13/2019	18	590.347	0	\$0.00	\$0	604								\$ -	\$ -	\$ -
12/13/2019	19	584.519	0	\$0.00	\$0	604							57	\$ -	\$ -	\$ -
12/13/2019	20	572.83	0	\$0.00	\$0	603							82	\$ -	\$ -	\$ -
12/13/2019	21	560.228	0	\$0.00	\$0	603							79	\$ -	\$ -	\$ -
12/13/2019	22	536.585			\$0	604							2	\$ -	\$ -	\$ -
12/13/2019	23	509.062			\$0	572								\$ -	\$ -	\$ -
12/14/2019	0	482.611	20.61	\$21.04	\$434	462								\$ 434	\$ 434	\$ -
12/14/2019	1	467.813	46.81	\$20.28	\$949	421								\$ 949	\$ 949	\$ -
12/14/2019	2	460.856	27.86	\$20.09	\$560	433								\$ 560	\$ 560	\$ -
12/14/2019	3	460.792	26.79	\$19.60	\$525	434								\$ 525	\$ 525	\$ -
12/14/2019	4	464.603	31.6	\$19.98	\$631	433								\$ 631	\$ 631	\$ -
12/14/2019	5	478.492	46.49	\$20.61	\$958	432								\$ 958	\$ 958	\$ -
12/14/2019	6	500.165	97.17	\$23.42	\$2,276	403								\$ 2,276	\$ 2,201	\$ 74
12/14/2019	7	525.823	110.82	\$24.71	\$2,738	415								\$ 2,738	\$ 2,323	\$ 416
12/14/2019	8	537.586	104.59	\$25.47	\$2,664	433								\$ 2,664	\$ 2,394	\$ 270
12/14/2019	9	551.154	73.15	\$25.13	\$1,838	478								\$ 1,838	\$ 1,838	\$ -
12/14/2019	10	556.01	0	\$0.00	\$0	535	28							\$ -	\$ -	\$ -
12/14/2019	11	547.105			\$0	592	34							\$ -	\$ -	\$ -
12/14/2019	12	548.123			\$0	578								\$ -	\$ -	\$ -
12/14/2019	13	535.315			\$0	540								\$ -	\$ -	\$ -
12/14/2019	14	530.448	29.45	\$20.72	\$610	501								\$ 610	\$ 610	\$ -
12/14/2019	15	530.391	65.39	\$20.49	\$1,340	465								\$ 1,340	\$ 1,340	\$ -

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)			
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6		
12/14/2019	16	537.326	115.33	\$23.16	\$2,671	422						\$	2,671	\$	2,177	\$	494
12/14/2019	17	562.999	91	\$27.48	\$2,501	472						\$	2,501	\$	2,501	\$	-
12/14/2019	18	566.914	71.91	\$25.42	\$1,828	495						\$	1,828	\$	1,828	\$	-
12/14/2019	19	561.167	106.17	\$26.14	\$2,775	455						\$	2,775	\$	2,457	\$	318
12/14/2019	20	553.358	103.36	\$25.79	\$2,666	450						\$	2,666	\$	2,424	\$	241
12/14/2019	21	539.59	66.59	\$22.93	\$1,527	473						\$	1,527	\$	1,527	\$	-
12/14/2019	22	518.008	106.01	\$20.60	\$2,184	412						\$	2,184	\$	1,936	\$	247
12/14/2019	23	490.538	123.54	\$19.58	\$2,419	367						\$	2,419	\$	1,841	\$	578
12/15/2019	0	472.723	105.72	\$19.11	\$2,020	367						\$	2,020	\$	1,796	\$	224
12/15/2019	1	461.871	96.87	\$18.87	\$1,828	365						\$	1,828	\$	1,774	\$	54
12/15/2019	2	461.888	95.89	\$18.89	\$1,811	366						\$	1,811	\$	1,776	\$	36
12/15/2019	3	465.872	99.87	\$18.75	\$1,873	366						\$	1,873	\$	1,763	\$	110
12/15/2019	4	469.83	104.83	\$18.47	\$1,936	365						\$	1,936	\$	1,736	\$	200
12/15/2019	5	482.679	126.68	\$18.84	\$2,387	356						\$	2,387	\$	1,771	\$	616
12/15/2019	6	496.48	131.48	\$19.81	\$2,605	365						\$	2,605	\$	1,862	\$	742
12/15/2019	7	517.179	146.18	\$22.04	\$3,222	371						\$	3,222	\$	2,072	\$	1,150
12/15/2019	8	533.025	144.03	\$22.64	\$3,261	389						\$	3,261	\$	2,128	\$	1,133
12/15/2019	9	544.844	161.84	\$22.67	\$3,669	383						\$	3,669	\$	2,131	\$	1,538
12/15/2019	10	542.902	176.9	\$22.04	\$3,899	366						\$	3,899	\$	2,072	\$	1,827
12/15/2019	11	529.156	163.16	\$21.23	\$3,464	366						\$	3,464	\$	1,996	\$	1,468
12/15/2019	12	521.304	155.3	\$20.59	\$3,198	366						\$	3,198	\$	1,935	\$	1,262
12/15/2019	13	513.454	148.45	\$20.17	\$2,994	365						\$	2,994	\$	1,896	\$	1,098
12/15/2019	14	519.365	153.37	\$20.05	\$3,075	366						\$	3,075	\$	1,885	\$	1,190
12/15/2019	15	528.208	161.21	\$20.19	\$3,255	367						\$	3,255	\$	1,898	\$	1,357
12/15/2019	16	546.82	138.82	\$22.37	\$3,105	408						\$	3,105	\$	2,103	\$	1,003
12/15/2019	17	582.05	126.05	\$31.20	\$3,933	456						\$	3,933	\$	2,933	\$	1,000
12/15/2019	18	598.648	56.65	\$29.23	\$1,656	542						\$	1,656	\$	1,656	\$	-
12/15/2019	19	603.353	7.35	\$28.81	\$212	596						\$	212	\$	212	\$	-
12/15/2019	20	598.395			\$0	602						\$	-	\$	-	\$	-
12/15/2019	21	581.791			\$0	602						\$	-	\$	-	\$	-
12/15/2019	22	555.368			\$0	593						\$	-	\$	-	\$	-
12/15/2019	23	526.88			\$0	579						\$	-	\$	-	\$	-
12/16/2019	0	506.331	47.33	\$20.27	\$959	459						\$	959	\$	959	\$	-
12/16/2019	1	494.465	86.47	\$19.93	\$1,723	408						\$	1,723	\$	1,723	\$	-
12/16/2019	2	491.522	125.52	\$19.77	\$2,482	366						\$	2,482	\$	1,858	\$	623
12/16/2019	3	494.433	127.43	\$19.79	\$2,522	367						\$	2,522	\$	1,860	\$	662
12/16/2019	4	510.222	141.22	\$19.97	\$2,820	369						\$	2,820	\$	1,877	\$	943
12/16/2019	5	544.597	140.6	\$23.00	\$3,234	404						\$	3,234	\$	2,162	\$	1,072
12/16/2019	6	599.616	155.62	\$30.41	\$4,732	444						\$	4,732	\$	2,859	\$	1,874
12/16/2019	7	634.895	99.9	\$35.04	\$3,500	535						\$	3,500	\$	3,294	\$	207
12/16/2019	8	634.764	47.76	\$32.95	\$1,574	587						\$	1,574	\$	1,574	\$	-
12/16/2019	9	634.913	37.91	\$31.01	\$1,176	597						\$	1,176	\$	1,176	\$	-
12/16/2019	10	636.764	55.76	\$30.59	\$1,706	581						\$	1,706	\$	1,706	\$	-
12/16/2019	11	632.786	36.79	\$29.70	\$1,093	596						\$	1,093	\$	1,093	\$	-
12/16/2019	12	635.781	45.78	\$26.93	\$1,233	590						\$	1,233	\$	1,233	\$	-
12/16/2019	13	621.933	37.93	\$26.17	\$993	584						\$	993	\$	993	\$	-
12/16/2019	14	644.661	59.66	\$25.02	\$1,493	585						\$	1,493	\$	1,493	\$	-
12/16/2019	15	643.594	58.59	\$24.81	\$1,454	585						\$	1,454	\$	1,454	\$	-
12/16/2019	16	651.031	64.03	\$30.87	\$1,977	587						\$	1,977	\$	1,977	\$	-
12/16/2019	17	677.322	93.32	\$35.43	\$3,306	584						\$	3,306	\$	3,306	\$	-
12/16/2019	18	684.419	96.42	\$36.33	\$3,503	588						\$	3,503	\$	3,415	\$	88
12/16/2019	19	680.314	93.31	\$36.44	\$3,400	587						\$	3,400	\$	3,400	\$	-
12/16/2019	20	668.575	84.58	\$29.58	\$2,502	584						\$	2,502	\$	2,502	\$	-
12/16/2019	21	647.054	61.05	\$24.43	\$1,491	586						\$	1,491	\$	1,491	\$	-
12/16/2019	22	611.81	33.81	\$22.65	\$766	578						\$	766	\$	766	\$	-
12/16/2019	23	576.57	49.57	\$20.14	\$998	527						\$	998	\$	998	\$	-

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
12/17/2019	0	558.105	111.11	\$19.38	\$2,153	447								\$ 2,153	\$ 1,822	\$ 332
12/17/2019	1	549.302	148.3	\$19.07	\$2,828	401								\$ 2,828	\$ 1,793	\$ 1,036
12/17/2019	2	540.298	162.3	\$18.64	\$3,025	378								\$ 3,025	\$ 1,752	\$ 1,273
12/17/2019	3	540.204	163.2	\$18.70	\$3,052	377								\$ 3,052	\$ 1,758	\$ 1,294
12/17/2019	4	550.954	184.95	\$19.04	\$3,521	366								\$ 3,521	\$ 1,790	\$ 1,732
12/17/2019	5	584.477	191.48	\$20.97	\$4,015	393								\$ 4,015	\$ 1,971	\$ 2,044
12/17/2019	6	635.371	168.37	\$26.09	\$4,393	467								\$ 4,393	\$ 2,452	\$ 1,940
12/17/2019	7	667.841	124.84	\$51.58	\$6,439	543								\$ 6,439	\$ 4,849	\$ 1,591
12/17/2019	8	664.822	102.82	\$27.26	\$2,803	562								\$ 2,803	\$ 2,562	\$ 240
12/17/2019	9	664.801	80.8	\$26.10	\$2,109	584								\$ 2,109	\$ 2,109	\$ -
12/17/2019	10	661.779	75.78	\$25.45	\$1,929	586								\$ 1,929	\$ 1,929	\$ -
12/17/2019	11	648.012	61.01	\$24.81	\$1,514	587								\$ 1,514	\$ 1,514	\$ -
12/17/2019	12	624.21	37.21	\$23.80	\$886	587								\$ 886	\$ 886	\$ -
12/17/2019	13	602.577	15.58	\$23.29	\$363	587								\$ 363	\$ 363	\$ -
12/17/2019	14	590.724	4.72	\$22.45	\$106	586								\$ 106	\$ 106	\$ -
12/17/2019	15	590.847	3.85	\$22.60	\$87	587								\$ 87	\$ 87	\$ -
12/17/2019	16	600.555	14.56	\$24.43	\$356	586								\$ 356	\$ 356	\$ -
12/17/2019	17	639.725	52.73	\$28.80	\$1,519	587								\$ 1,519	\$ 1,519	\$ -
12/17/2019	18	664.978	92.98	\$26.59	\$2,472	572								\$ 2,472	\$ 2,472	\$ -
12/17/2019	19	667.879	82.88	\$26.30	\$2,180	585								\$ 2,180	\$ 2,180	\$ -
12/17/2019	20	662.014	60.01	\$26.13	\$1,568	602								\$ 1,568	\$ 1,568	\$ -
12/17/2019	21	650.276	80.28	\$23.70	\$1,903	570								\$ 1,903	\$ 1,903	\$ -
12/17/2019	22	621.05	37.05	\$22.04	\$817	584								\$ 817	\$ 817	\$ -
12/17/2019	23	589.85	38.85	\$20.65	\$802	551								\$ 802	\$ 802	\$ -
12/18/2019	0	570.949	68.95	\$20.69	\$1,427	502								\$ 1,427	\$ 1,427	\$ -
12/18/2019	1	560.108	111.11	\$20.16	\$2,240	449								\$ 2,240	\$ 1,895	\$ 345
12/18/2019	2	556.106	158.11	\$19.96	\$3,156	398								\$ 3,156	\$ 1,876	\$ 1,280
12/18/2019	3	558.058	161.06	\$20.24	\$3,260	397								\$ 3,260	\$ 1,903	\$ 1,357
12/18/2019	4	571.728	172.73	\$21.32	\$3,683	399								\$ 3,683	\$ 2,004	\$ 1,679
12/18/2019	5	604.958	242.96	\$24.07	\$5,848	362								\$ 5,848	\$ 2,263	\$ 3,585
12/18/2019	6	656.127	204.13	\$30.83	\$6,293	452								\$ 6,293	\$ 2,898	\$ 3,395
12/18/2019	7	690.706	187.71	\$35.83	\$6,726	503								\$ 6,726	\$ 3,368	\$ 3,358
12/18/2019	8	685.09	131.09	\$29.47	\$3,863	554								\$ 3,863	\$ 2,770	\$ 1,093
12/18/2019	9	621.788	43.79	\$26.50	\$1,160	578								\$ 1,160	\$ 1,160	\$ -
12/18/2019	10	684.959	100.96	\$31.90	\$3,221	584								\$ 3,221	\$ 2,999	\$ 222
12/18/2019	11	674.22	90.22	\$28.26	\$2,550	584								\$ 2,550	\$ 2,550	\$ -
12/18/2019	12	670.385	85.39	\$26.81	\$2,289	585								\$ 2,289	\$ 2,289	\$ -
12/18/2019	13	665.491	78.49	\$27.16	\$2,132	587								\$ 2,132	\$ 2,132	\$ -
12/18/2019	14	654.825	112.83	\$26.37	\$2,975	542								\$ 2,975	\$ 2,479	\$ 497
12/18/2019	15	640.259	342.26	\$27.03	\$9,251	298								\$ 9,251	\$ 2,541	\$ 6,710
12/18/2019	16	644.566	285.57	\$33.46	\$9,555	359								\$ 9,555	\$ 3,145	\$ 6,410
12/18/2019	17	680.728	255.73	\$43.52	\$11,129	425								\$ 11,129	\$ 4,091	\$ 7,038
12/18/2019	18	700.443	219.44	\$39.96	\$8,769	481								\$ 8,769	\$ 3,756	\$ 5,013
12/18/2019	19	702.18	167.18	\$38.51	\$6,438	535								\$ 6,438	\$ 3,620	\$ 2,818
12/18/2019	20	695.119	107.12	\$41.61	\$4,457	588								\$ 4,457	\$ 3,911	\$ 546
12/18/2019	21	683.314	80.31	\$37.10	\$2,980	603								\$ 2,980	\$ 2,980	\$ -
12/18/2019	22	652.803	67.8	\$30.79	\$2,088	585								\$ 2,088	\$ 2,088	\$ -
12/18/2019	23	621.449	18.45	\$28.56	\$527	603								\$ 527	\$ 527	\$ -
12/19/2019	0	602.712			\$0	604								\$ -	\$ -	\$ -
12/19/2019	1	595.386			\$0	602								\$ -	\$ -	\$ -
12/19/2019	2	591.21			\$0	602								\$ -	\$ -	\$ -
12/19/2019	3	594.797			\$0	605								\$ -	\$ -	\$ -
12/19/2019	4	609.419	9.42	\$27.22	\$256	600								\$ 256	\$ 256	\$ -
12/19/2019	5	641.597	37.6	\$32.33	\$1,216	604								\$ 1,216	\$ 1,216	\$ -
12/19/2019	6	688.727	86.73	\$42.27	\$3,666	602								\$ 3,666	\$ 3,666	\$ -
12/19/2019	7	721.924	117.92	\$60.13	\$7,091	604								\$ 7,091	\$ 5,652	\$ 1,438

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)	
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6
12/19/2019	8	709.325	104.33	\$35.97	\$3,753	605							\$ 3,753	\$ 3,381	\$ 372
12/19/2019	9	683.844	80.84	\$29.73	\$2,403	603							\$ 2,403	\$ 2,403	\$ -
12/19/2019	10	659.104	54.1	\$29.00	\$1,569	605							\$ 1,569	\$ 1,569	\$ -
12/19/2019	11	634.296	145.3	\$28.27	\$4,108	489							\$ 4,108	\$ 2,657	\$ 1,450
12/19/2019	12	617.511	34.51	\$26.46	\$913	583							\$ 913	\$ 913	\$ -
12/19/2019	13	600.932			\$0	604							\$ -	\$ -	\$ -
12/19/2019	14	591.331	10.33	\$23.69	\$245	581							\$ 245	\$ 245	\$ -
12/19/2019	15	585.408	1.41	\$24.46	\$34	584							\$ 34	\$ 34	\$ -
12/19/2019	16	594.185			\$0	603							\$ -	\$ -	\$ -
12/19/2019	17	629.915	40.92	\$37.33	\$1,528	589							\$ 1,528	\$ 1,528	\$ -
12/19/2019	18	650.395	61.4	\$33.87	\$2,080	589							\$ 2,080	\$ 2,080	\$ -
12/19/2019	19	652.942	50.94	\$33.03	\$1,683	602							\$ 1,683	\$ 1,683	\$ -
12/19/2019	20	646.328	42.33	\$35.23	\$1,491	604							\$ 1,491	\$ 1,491	\$ -
12/19/2019	21	634.79	31.79	\$32.45	\$1,032	603							\$ 1,032	\$ 1,032	\$ -
12/19/2019	22	601.591			\$0	602							\$ -	\$ -	\$ -
12/19/2019	23	570.577			\$0	601							\$ -	\$ -	\$ -
12/20/2019	0	544.248			\$0	603							\$ -	\$ -	\$ -
12/20/2019	1	533.116			\$0	602							\$ -	\$ -	\$ -
12/20/2019	2	528.209			\$0	602							\$ -	\$ -	\$ -
12/20/2019	3	532.171			\$0	604							\$ -	\$ -	\$ -
12/20/2019	4	546.909			\$0	602							\$ -	\$ -	\$ -
12/20/2019	5	581.393			\$0	601							\$ -	\$ -	\$ -
12/20/2019	6	634.154	31.15	\$51.29	\$1,598	603							\$ 1,598	\$ 1,598	\$ -
12/20/2019	7	665.331	61.33	\$76.19	\$4,673	604							\$ 4,673	\$ 4,673	\$ -
12/20/2019	8	657.76			\$0	602	58	52	66	70	68	36	\$ -	\$ -	\$ -
12/20/2019	9	637.416			\$0	603	40	42	41	63	65	64	\$ -	\$ -	\$ -
12/20/2019	10	616.475	16.48	\$26.86	\$443	600							\$ 443	\$ 443	\$ -
12/20/2019	11	595.17			\$0	602							\$ -	\$ -	\$ -
12/20/2019	12	577.881			\$0	602							\$ -	\$ -	\$ -
12/20/2019	13	564.112			\$0	585							\$ -	\$ -	\$ -
12/20/2019	14	555.328			\$0	586							\$ -	\$ -	\$ -
12/20/2019	15	554.212			\$0	585							\$ -	\$ -	\$ -
12/20/2019	16	559.637			\$0	601							\$ -	\$ -	\$ -
12/20/2019	17	595.922			\$0	607							\$ -	\$ -	\$ -
12/20/2019	18	602.05			\$0	606							\$ -	\$ -	\$ -
12/20/2019	19	599.894			\$0	605							\$ -	\$ -	\$ -
12/20/2019	20	593.646			\$0	606							\$ -	\$ -	\$ -
12/20/2019	21	585.711			\$0	604							\$ -	\$ -	\$ -
12/20/2019	22	568.105			\$0	603							\$ -	\$ -	\$ -
12/20/2019	23	542.387			\$0	600							\$ -	\$ -	\$ -
12/21/2019	0	517.983			\$0	601							\$ -	\$ -	\$ -
12/21/2019	1	501.396			\$0	598							\$ -	\$ -	\$ -
12/21/2019	2	490.513			\$0	601							\$ -	\$ -	\$ -
12/21/2019	3	488.514			\$0	588							\$ -	\$ -	\$ -
12/21/2019	4	491.498			\$0	599							\$ -	\$ -	\$ -
12/21/2019	5	504.281			\$0	601							\$ -	\$ -	\$ -
12/21/2019	6	523.8			\$0	595							\$ -	\$ -	\$ -
12/21/2019	7	553.594			\$0	595							\$ -	\$ -	\$ -
12/21/2019	8	569.204			\$0	600							\$ -	\$ -	\$ -
12/21/2019	9	573.078			\$0	602							\$ -	\$ -	\$ -
12/21/2019	10	556.572			\$0	603							\$ -	\$ -	\$ -
12/21/2019	11	542.155			\$0	602							\$ -	\$ -	\$ -
12/21/2019	12	525.52			\$0	598							\$ -	\$ -	\$ -
12/21/2019	13	511.669	0	\$0.00	\$0	602							\$ -	\$ -	\$ -
12/21/2019	14	501.848	0	\$0.00	\$0	589							\$ -	\$ -	\$ -
12/21/2019	15	496.984	0	\$0.00	\$0	568							\$ -	\$ -	\$ -



Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)			
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6		
12/21/2019	16	504.868			\$0	575						\$	-	\$	-	\$	-
12/21/2019	17	535.098			\$0	599						\$	-	\$	-	\$	-
12/21/2019	18	550.751			\$0	603						\$	-	\$	-	\$	-
12/21/2019	19	549.729			\$0	598						\$	-	\$	-	\$	-
12/21/2019	20	548.568			\$0	605						\$	-	\$	-	\$	-
12/21/2019	21	542.63			\$0	603						\$	-	\$	-	\$	-
12/21/2019	22	528.582			\$0	603						\$	-	\$	-	\$	-
12/21/2019	23	507.598	0	\$0.00	\$0	593						\$	-	\$	-	\$	-
12/22/2019	0	490.041	0	\$0.00	\$0	605						\$	-	\$	-	\$	-
12/22/2019	1	478.232	0	\$0.00	\$0	600						\$	-	\$	-	\$	-
12/22/2019	2	473.261	0	\$0.00	\$0	585						\$	-	\$	-	\$	-
12/22/2019	3	474.225	0	\$0.00	\$0	616						\$	-	\$	-	\$	-
12/22/2019	4	479.95	0	\$0.00	\$0	582						\$	-	\$	-	\$	-
12/22/2019	5	491.941			\$0	615						\$	-	\$	-	\$	-
12/22/2019	6	512.638			\$0	586						\$	-	\$	-	\$	-
12/22/2019	7	535.328			\$0	564						\$	-	\$	-	\$	-
12/22/2019	8	548.189			\$0	597						\$	-	\$	-	\$	-
12/22/2019	9	547.541			\$0	599						\$	-	\$	-	\$	-
12/22/2019	10	528.422			\$0	571						\$	-	\$	-	\$	-
12/22/2019	11	512.751			\$0	551						\$	-	\$	-	\$	-
12/22/2019	12	503.073	0	\$0.00	\$0	512						\$	-	\$	-	\$	-
12/22/2019	13	493.383	54.38	\$19.21	\$1,045	439						\$	1,045	\$	1,045	\$	-
12/22/2019	14	484.57	108.57	\$18.67	\$2,027	376						\$	2,027	\$	1,755	\$	272
12/22/2019	15	488.623	122.62	\$18.87	\$2,314	366						\$	2,314	\$	1,774	\$	540
12/22/2019	16	495.658	124.66	\$21.11	\$2,632	371						\$	2,632	\$	1,984	\$	647
12/22/2019	17	530.981	125.98	\$26.62	\$3,354	405						\$	3,354	\$	2,502	\$	851
12/22/2019	18	552.515	123.52	\$24.46	\$3,021	429						\$	3,021	\$	2,299	\$	722
12/22/2019	19	554.305	97.31	\$23.82	\$2,318	457						\$	2,318	\$	2,239	\$	79
12/22/2019	20	551.123	89.12	\$23.53	\$2,097	462						\$	2,097	\$	2,097	\$	-
12/22/2019	21	539.323	81.32	\$22.10	\$1,797	458						\$	1,797	\$	1,797	\$	-
12/22/2019	22	516.722	59.72	\$20.29	\$1,212	457						\$	1,212	\$	1,212	\$	-
12/22/2019	23	490.19	70.19	\$19.40	\$1,362	420						\$	1,362	\$	1,362	\$	-
12/23/2019	0	471.617	92.62	\$19.32	\$1,789	379						\$	1,789	\$	1,789	\$	-
12/23/2019	1	463.648	98.65	\$18.94	\$1,868	365						\$	1,868	\$	1,780	\$	88
12/23/2019	2	464.664	99.66	\$18.96	\$1,890	365						\$	1,890	\$	1,782	\$	107
12/23/2019	3	471.637	106.64	\$18.89	\$2,014	365						\$	2,014	\$	1,776	\$	239
12/23/2019	4	486.591	122.59	\$20.62	\$2,528	364						\$	2,528	\$	1,938	\$	590
12/23/2019	5	519.258	163.26	\$21.75	\$3,551	356						\$	3,551	\$	2,045	\$	1,506
12/23/2019	6	560.775	191.78	\$32.90	\$6,310	369						\$	6,310	\$	3,093	\$	3,217
12/23/2019	7	595.183	191.18	\$39.47	\$7,546	388						\$	7,546	\$	3,710	\$	3,836
12/23/2019	8	600.883	139.88	\$28.97	\$4,052	437					16	\$	4,052	\$	2,723	\$	1,329
12/23/2019	9	582.084	97.08	\$27.44	\$2,664	485					24	\$	2,664	\$	2,579	\$	85
12/23/2019	10	558.588	51.59	\$25.51	\$1,316	507						\$	1,316	\$	1,316	\$	-
12/23/2019	11	538.091	20.09	\$22.37	\$449	518						\$	449	\$	449	\$	-
12/23/2019	12	520.495	47.5	\$21.60	\$1,026	473						\$	1,026	\$	1,026	\$	-
12/23/2019	13	513.686	94.69	\$21.40	\$2,026	419						\$	2,026	\$	2,012	\$	15
12/23/2019	14	508.79	127.79	\$20.60	\$2,632	381						\$	2,632	\$	1,936	\$	696
12/23/2019	15	504.83	140.83	\$20.94	\$2,949	364						\$	2,949	\$	1,968	\$	981
12/23/2019	16	502.767	136.77	\$21.98	\$3,006	366						\$	3,006	\$	2,066	\$	940
12/23/2019	17	529.382	153.38	\$29.33	\$4,499	376						\$	4,499	\$	2,757	\$	1,742
12/23/2019	18	550.297	123.3	\$26.87	\$3,313	427						\$	3,313	\$	2,526	\$	787
12/23/2019	19	551.14	79.14	\$26.41	\$2,090	472						\$	2,090	\$	2,090	\$	-
12/23/2019	20	545.102	66.1	\$25.63	\$1,694	479						\$	1,694	\$	1,694	\$	-
12/23/2019	21	538.216	80.22	\$22.70	\$1,821	458						\$	1,821	\$	1,821	\$	-
12/23/2019	22	518.451	113.45	\$21.12	\$2,396	405						\$	2,396	\$	1,985	\$	411
12/23/2019	23	492.769	126.77	\$19.29	\$2,445	366						\$	2,445	\$	1,813	\$	632

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)	
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6
12/24/2019	0	472.962	107.96	\$18.06	\$1,950	365							\$ 1,950	\$ 1,698	\$ 252
12/24/2019	1	458.011	95.01	\$17.32	\$1,646	363							\$ 1,646	\$ 1,628	\$ 17
12/24/2019	2	452.937	89.94	\$17.11	\$1,539	363							\$ 1,539	\$ 1,539	\$ -
12/24/2019	3	453.811	89.81	\$17.18	\$1,543	364							\$ 1,543	\$ 1,543	\$ -
12/24/2019	4	464.53	99.53	\$17.57	\$1,749	365							\$ 1,749	\$ 1,652	\$ 97
12/24/2019	5	484.239	129.24	\$18.78	\$2,427	355							\$ 2,427	\$ 1,765	\$ 662
12/24/2019	6	506.75	141.75	\$19.93	\$2,825	365							\$ 2,825	\$ 1,873	\$ 952
12/24/2019	7	529.404	158.4	\$21.60	\$3,421	371							\$ 3,421	\$ 2,030	\$ 1,391
12/24/2019	8	539.241	171.24	\$21.12	\$3,617	368							\$ 3,617	\$ 1,985	\$ 1,631
12/24/2019	9	533.567	169.57	\$20.91	\$3,546	364							\$ 3,546	\$ 1,966	\$ 1,580
12/24/2019	10	516.84	152.84	\$20.13	\$3,077	364							\$ 3,077	\$ 1,892	\$ 1,184
12/24/2019	11	498.2	134.2	\$19.36	\$2,598	364							\$ 2,598	\$ 1,820	\$ 778
12/24/2019	12	480.507	116.51	\$18.75	\$2,185	364							\$ 2,185	\$ 1,763	\$ 422
12/24/2019	13	467.447	101.45	\$18.17	\$1,843	366							\$ 1,843	\$ 1,708	\$ 135
12/24/2019	14	461.372	96.37	\$17.57	\$1,693	365							\$ 1,693	\$ 1,652	\$ 42
12/24/2019	15	455.546	90.55	\$17.56	\$1,590	365							\$ 1,590	\$ 1,590	\$ -
12/24/2019	16	458.608	93.61	\$17.96	\$1,681	365							\$ 1,681	\$ 1,681	\$ -
12/24/2019	17	472.244	108.24	\$20.15	\$2,181	364							\$ 2,181	\$ 1,894	\$ 287
12/24/2019	18	478.055	111.06	\$19.00	\$2,110	367							\$ 2,110	\$ 1,786	\$ 324
12/24/2019	19	472.951	107.95	\$18.37	\$1,983	365							\$ 1,983	\$ 1,727	\$ 256
12/24/2019	20	470.621	104.62	\$18.30	\$1,915	366							\$ 1,915	\$ 1,720	\$ 194
12/24/2019	21	468.668	112.67	\$18.11	\$2,040	356							\$ 2,040	\$ 1,702	\$ 338
12/24/2019	22	458.672	92.67	\$18.04	\$1,672	366							\$ 1,672	\$ 1,672	\$ -
12/24/2019	23	445.619	81.62	\$16.83	\$1,374	364							\$ 1,374	\$ 1,374	\$ -
12/25/2019	0	421.021	55.02	\$16.52	\$909	366							\$ 909	\$ 909	\$ -
12/25/2019	1	412.217	48.22	\$16.19	\$781	364							\$ 781	\$ 781	\$ -
12/25/2019	2	409.127	42.13	\$15.46	\$651	367							\$ 651	\$ 651	\$ -
12/25/2019	3	408.971	45.97	\$15.51	\$713	363							\$ 713	\$ 713	\$ -
12/25/2019	4	418.871	44.87	\$15.94	\$715	374							\$ 715	\$ 715	\$ -
12/25/2019	5	436.303	79.3	\$16.28	\$1,291	357							\$ 1,291	\$ 1,291	\$ -
12/25/2019	6	457.738	92.74	\$17.48	\$1,621	365							\$ 1,621	\$ 1,621	\$ -
12/25/2019	7	477.334	109.33	\$18.77	\$2,052	368							\$ 2,052	\$ 1,764	\$ 288
12/25/2019	8	483.409	114.41	\$18.84	\$2,155	369							\$ 2,155	\$ 1,771	\$ 385
12/25/2019	9	476.773	109.77	\$18.17	\$1,995	367							\$ 1,995	\$ 1,708	\$ 287
12/25/2019	10	460.579	95.58	\$17.61	\$1,683	365							\$ 1,683	\$ 1,655	\$ 28
12/25/2019	11	446.198	81.2	\$16.99	\$1,380	365							\$ 1,380	\$ 1,380	\$ -
12/25/2019	12	429.627	63.63	\$16.30	\$1,037	366							\$ 1,037	\$ 1,037	\$ -
12/25/2019	13	417.986	54.99	\$15.28	\$840	363							\$ 840	\$ 840	\$ -
12/25/2019	14	409.167	44.17	\$15.15	\$669	365							\$ 669	\$ 669	\$ -
12/25/2019	15	405.157	40.16	\$15.10	\$606	365							\$ 606	\$ 606	\$ -
12/25/2019	16	404.916	39.92	\$15.89	\$634	365							\$ 634	\$ 634	\$ -
12/25/2019	17	425.603	59.6	\$17.85	\$1,064	366							\$ 1,064	\$ 1,064	\$ -
12/25/2019	18	438.465	73.47	\$17.74	\$1,303	365							\$ 1,303	\$ 1,303	\$ -
12/25/2019	19	439.361	72.36	\$17.62	\$1,275	367							\$ 1,275	\$ 1,275	\$ -
12/25/2019	20	435.273	69.27	\$17.37	\$1,203	366							\$ 1,203	\$ 1,203	\$ -
12/25/2019	21	432.209	66.21	\$16.49	\$1,092	366							\$ 1,092	\$ 1,092	\$ -
12/25/2019	22	418.389	53.39	\$15.26	\$815	365							\$ 815	\$ 815	\$ -
12/25/2019	23	401.548	35.55	\$14.70	\$523	366							\$ 523	\$ 523	\$ -
12/26/2019	0	382.647	16.65	\$15.01	\$250	366							\$ 250	\$ 250	\$ -
12/26/2019	1	371.722	6.72	\$14.53	\$98	365							\$ 98	\$ 98	\$ -
12/26/2019	2	367.693	1.69	\$14.64	\$25	366							\$ 25	\$ 25	\$ -
12/26/2019	3	366.672	1.67	\$14.35	\$24	365							\$ 24	\$ 24	\$ -
12/26/2019	4	376.438	19.44	\$14.96	\$291	357							\$ 291	\$ 291	\$ -
12/26/2019	5	402.198	35.2	\$16.76	\$590	367							\$ 590	\$ 590	\$ -
12/26/2019	6	440.709	74.71	\$18.28	\$1,366	366							\$ 1,366	\$ 1,366	\$ -
12/26/2019	7	475.131	109.13	\$20.48	\$2,235	366							\$ 2,235	\$ 1,925	\$ 310

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)			
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6		
12/26/2019	8	487.159	118.16	\$20.15	\$2,381	369						\$	2,381	\$	1,894	\$	487
12/26/2019	9	504.072	91.07	\$20.11	\$1,831	413						\$	1,831	\$	1,831	\$	-
12/26/2019	10	512.29	102.29	\$20.17	\$2,063	410						\$	2,063	\$	1,896	\$	167
12/26/2019	11	508.461	98.46	\$19.52	\$1,922	410						\$	1,922	\$	1,835	\$	87
12/26/2019	12	500.586	88.59	\$18.79	\$1,665	412						\$	1,665	\$	1,665	\$	-
12/26/2019	13	491.791	81.79	\$18.40	\$1,505	410						\$	1,505	\$	1,505	\$	-
12/26/2019	14	496.888	85.89	\$17.98	\$1,544	411						\$	1,544	\$	1,544	\$	-
12/26/2019	15	491.014	95.01	\$18.08	\$1,718	396						\$	1,718	\$	1,700	\$	18
12/26/2019	16	491.998	123	\$19.52	\$2,401	369						\$	2,401	\$	1,835	\$	566
12/26/2019	17	519.562	152.56	\$22.49	\$3,431	367						\$	3,431	\$	2,114	\$	1,317
12/26/2019	18	527.462	161.46	\$21.25	\$3,431	366						\$	3,431	\$	1,998	\$	1,434
12/26/2019	19	519.542	162.54	\$20.41	\$3,317	357						\$	3,317	\$	1,919	\$	1,399
12/26/2019	20	506.619	139.62	\$20.41	\$2,850	367						\$	2,850	\$	1,919	\$	931
12/26/2019	21	485.882	119.88	\$19.58	\$2,347	366						\$	2,347	\$	1,841	\$	507
12/26/2019	22	461.209	95.21	\$17.99	\$1,713	366						\$	1,713	\$	1,691	\$	22
12/26/2019	23	432.347	66.35	\$15.54	\$1,031	366						\$	1,031	\$	1,031	\$	-
12/27/2019	0	407.789	40.79	\$15.52	\$633	367						\$	633	\$	633	\$	-
12/27/2019	1	394.874	29.87	\$14.91	\$445	365						\$	445	\$	445	\$	-
12/27/2019	2	381.975	15.98	\$14.50	\$232	366						\$	232	\$	232	\$	-
12/27/2019	3	378.188	12.19	\$14.25	\$174	366						\$	174	\$	174	\$	-
12/27/2019	4	385.081	18.08	\$15.05	\$272	367						\$	272	\$	272	\$	-
12/27/2019	5	402.917	36.92	\$16.44	\$607	366						\$	607	\$	607	\$	-
12/27/2019	6	435.526	70.53	\$18.28	\$1,289	365						\$	1,289	\$	1,289	\$	-
12/27/2019	7	465.292	98.29	\$20.89	\$2,053	367						\$	2,053	\$	1,964	\$	90
12/27/2019	8	475.188	108.19	\$21.35	\$2,310	367						\$	2,310	\$	2,007	\$	303
12/27/2019	9	486.023	118.02	\$21.08	\$2,488	368						\$	2,488	\$	1,982	\$	506
12/27/2019	10	494.999	139	\$20.93	\$2,909	356						\$	2,909	\$	1,967	\$	942
12/27/2019	11	495.985	128.99	\$21.37	\$2,757	367						\$	2,757	\$	2,009	\$	748
12/27/2019	12	498.011	132.01	\$20.52	\$2,709	366						\$	2,709	\$	1,929	\$	780
12/27/2019	13	492.128	123.13	\$20.16	\$2,482	369						\$	2,482	\$	1,895	\$	587
12/27/2019	14	490.126	123.13	\$19.50	\$2,401	367						\$	2,401	\$	1,833	\$	568
12/27/2019	15	486.156	119.16	\$19.53	\$2,327	367						\$	2,327	\$	1,836	\$	491
12/27/2019	16	484.129	117.13	\$20.81	\$2,437	367						\$	2,437	\$	1,956	\$	481
12/27/2019	17	503.807	120.81	\$22.93	\$2,770	383						\$	2,770	\$	2,155	\$	615
12/27/2019	18	510.609	89.61	\$21.59	\$1,935	421						\$	1,935	\$	1,935	\$	-
12/27/2019	19	502.68	102.68	\$21.38	\$2,195	400						\$	2,195	\$	2,010	\$	186
12/27/2019	20	494.743	87.74	\$20.76	\$1,821	407						\$	1,821	\$	1,821	\$	-
12/27/2019	21	480.859	67.86	\$19.84	\$1,346	413						\$	1,346	\$	1,346	\$	-
12/27/2019	22	463.097	89.1	\$18.64	\$1,661	374						\$	1,661	\$	1,661	\$	-
12/27/2019	23	438.278	62.28	\$17.76	\$1,106	376						\$	1,106	\$	1,106	\$	-
12/28/2019	0	416.506	50.51	\$17.78	\$898	366						\$	898	\$	898	\$	-
12/28/2019	1	402.54	36.54	\$17.00	\$621	366						\$	621	\$	621	\$	-
12/28/2019	2	393.872	28.87	\$15.68	\$453	365						\$	453	\$	453	\$	-
12/28/2019	3	389.924	21.92	\$15.03	\$329	368						\$	329	\$	329	\$	-
12/28/2019	4	392.864	26.86	\$15.65	\$420	366						\$	420	\$	420	\$	-
12/28/2019	5	402.737	35.74	\$16.11	\$576	367						\$	576	\$	576	\$	-
12/28/2019	6	416.565	49.57	\$17.81	\$883	367						\$	883	\$	883	\$	-
12/28/2019	7	433.487	76.49	\$18.97	\$1,451	357						\$	1,451	\$	1,451	\$	-
12/28/2019	8	430.667	64.67	\$19.76	\$1,278	366						\$	1,278	\$	1,278	\$	-
12/28/2019	9	441.613	73.61	\$19.62	\$1,444	368						\$	1,444	\$	1,444	\$	-
12/28/2019	10	454.465	87.47	\$19.84	\$1,735	367						\$	1,735	\$	1,735	\$	-
12/28/2019	11	470.341	103.34	\$19.09	\$1,973	367						\$	1,973	\$	1,794	\$	178
12/28/2019	12	420.887	54.89	\$18.28	\$1,003	366						\$	1,003	\$	1,003	\$	-
12/28/2019	13	417.948	51.95	\$17.12	\$889	366						\$	889	\$	889	\$	-
12/28/2019	14	414.939	47.94	\$17.18	\$824	367						\$	824	\$	824	\$	-
12/28/2019	15	411.96	45.96	\$17.04	\$783	366						\$	783	\$	783	\$	-

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Demand (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)			
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6		
12/28/2019	16	403.067	38.07	\$18.83	\$717	365						\$	717	\$	717	\$	-
12/28/2019	17	429.599	46.6	\$21.90	\$1,021	383						\$	1,021	\$	1,021	\$	-
12/28/2019	18	436.606	61.61	\$20.82	\$1,283	375						\$	1,283	\$	1,283	\$	-
12/28/2019	19	432.716	64.72	\$20.09	\$1,300	368						\$	1,300	\$	1,300	\$	-
12/28/2019	20	422.915	55.92	\$19.21	\$1,074	367						\$	1,074	\$	1,074	\$	-
12/28/2019	21	412.134	47.13	\$17.96	\$846	365						\$	846	\$	846	\$	-
12/28/2019	22	392.299	26.3	\$16.99	\$447	366						\$	447	\$	447	\$	-
12/28/2019	23	371.583	4.58	\$16.38	\$75	367						\$	75	\$	75	\$	-
12/29/2019	0	352.89			\$0	366						\$	-	\$	-	\$	-
12/29/2019	1	338.948			\$0	363						\$	-	\$	-	\$	-
12/29/2019	2	329.993			\$0	363						\$	-	\$	-	\$	-
12/29/2019	3	324.937			\$0	364						\$	-	\$	-	\$	-
12/29/2019	4	326.091			\$0	364						\$	-	\$	-	\$	-
12/29/2019	5	333.171			\$0	354						\$	-	\$	-	\$	-
12/29/2019	6	342.957			\$0	365						\$	-	\$	-	\$	-
12/29/2019	7	358.666			\$0	361						\$	-	\$	-	\$	-
12/29/2019	8	370.36	7.36	\$16.57	\$122	363						\$	122	\$	122	\$	-
12/29/2019	9	384.229	20.23	\$17.35	\$351	364						\$	351	\$	351	\$	-
12/29/2019	10	400.02	35.02	\$17.91	\$627	365						\$	627	\$	627	\$	-
12/29/2019	11	407.029	41.03	\$17.72	\$727	366						\$	727	\$	727	\$	-
12/29/2019	12	409.011	45.01	\$17.75	\$799	364						\$	799	\$	799	\$	-
12/29/2019	13	409.14	44.14	\$17.36	\$766	365						\$	766	\$	766	\$	-
12/29/2019	14	407.206	43.21	\$16.79	\$725	364						\$	725	\$	725	\$	-
12/29/2019	15	404.283	39.28	\$17.44	\$685	365						\$	685	\$	685	\$	-
12/29/2019	16	415.101	47.1	\$18.89	\$890	368						\$	890	\$	890	\$	-
12/29/2019	17	437.941	54.94	\$20.87	\$1,147	383						\$	1,147	\$	1,147	\$	-
12/29/2019	18	439.932	70.93	\$20.52	\$1,455	369						\$	1,455	\$	1,455	\$	-
12/29/2019	19	434.874	76.87	\$19.53	\$1,501	358						\$	1,501	\$	1,501	\$	-
12/29/2019	20	425.981	57.98	\$18.97	\$1,100	368						\$	1,100	\$	1,100	\$	-
12/29/2019	21	413.274	46.27	\$17.65	\$817	367						\$	817	\$	817	\$	-
12/29/2019	22	395.553	29.55	\$16.65	\$492	366						\$	492	\$	492	\$	-
12/29/2019	23	372.919	8.92	\$14.07	\$126	364						\$	126	\$	126	\$	-
12/30/2019	0	356.125			\$0	364						\$	-	\$	-	\$	-
12/30/2019	1	345.298			\$0	364						\$	-	\$	-	\$	-
12/30/2019	2	337.273			\$0	363						\$	-	\$	-	\$	-
12/30/2019	3	339.334			\$0	364						\$	-	\$	-	\$	-
12/30/2019	4	348.255			\$0	364						\$	-	\$	-	\$	-
12/30/2019	5	370.044	7.04	\$13.01	\$92	363						\$	92	\$	92	\$	-
12/30/2019	6	401.681	37.68	\$14.93	\$563	364						\$	563	\$	563	\$	-
12/30/2019	7	434.032	66.03	\$17.03	\$1,124	368						\$	1,124	\$	1,124	\$	-
12/30/2019	8	443.967	76.97	\$18.16	\$1,398	367						\$	1,398	\$	1,398	\$	-
12/30/2019	9	455.634	88.63	\$18.59	\$1,648	367						\$	1,648	\$	1,648	\$	-
12/30/2019	10	468.294	110.29	\$18.97	\$2,092	358						\$	2,092	\$	1,783	\$	309
12/30/2019	11	478.061	111.06	\$18.93	\$2,102	367						\$	2,102	\$	1,779	\$	323
12/30/2019	12	478.115	112.12	\$18.76	\$2,103	366						\$	2,103	\$	1,763	\$	340
12/30/2019	13	479.153	112.15	\$19.08	\$2,140	367						\$	2,140	\$	1,794	\$	346
12/30/2019	14	479.196	100.2	\$19.04	\$1,908	379						\$	1,908	\$	1,790	\$	118
12/30/2019	15	485.08	120.08	\$18.53	\$2,225	365						\$	2,225	\$	1,742	\$	483
12/30/2019	16	489.923	123.92	\$19.24	\$2,384	366						\$	2,384	\$	1,809	\$	576
12/30/2019	17	509.578	130.58	\$22.80	\$2,977	379						\$	2,977	\$	2,143	\$	834
12/30/2019	18	512.62	92.62	\$21.43	\$1,985	420						\$	1,985	\$	1,985	\$	-
12/30/2019	19	498.623	99.62	\$21.70	\$2,162	399						\$	2,162	\$	2,040	\$	122
12/30/2019	20	488.796	117.8	\$20.16	\$2,375	371						\$	2,375	\$	1,895	\$	480
12/30/2019	21	475.958	110.96	\$18.99	\$2,107	365						\$	2,107	\$	1,785	\$	322
12/30/2019	22	455.237	89.24	\$17.34	\$1,547	366						\$	1,547	\$	1,547	\$	-
12/30/2019	23	432.39	68.39	\$15.67	\$1,072	364						\$	1,072	\$	1,072	\$	-

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)	
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6
12/31/2019	0	414.752	49.75	\$15.29	\$761	365							\$ 761	\$ 761	\$ -
12/31/2019	1	402.985	36.99	\$13.93	\$515	366							\$ 515	\$ 515	\$ -
12/31/2019	2	394.033	29.03	\$13.53	\$393	365							\$ 393	\$ 393	\$ -
12/31/2019	3	393.993	39.99	\$13.94	\$557	354							\$ 557	\$ 557	\$ -
12/31/2019	4	397.973	32.97	\$14.02	\$462	365							\$ 462	\$ 462	\$ -
12/31/2019	5	409.844	44.84	\$16.11	\$722	365							\$ 722	\$ 722	\$ -
12/31/2019	6	427.592	62.59	\$18.95	\$1,186	365							\$ 1,186	\$ 1,186	\$ -
12/31/2019	7	446.347	80.35	\$21.62	\$1,737	366							\$ 1,737	\$ 1,737	\$ -
12/31/2019	8	454.219	88.22	\$21.73	\$1,917	366							\$ 1,917	\$ 1,917	\$ -
12/31/2019	9	466.012	99.01	\$22.31	\$2,209	367							\$ 2,209	\$ 2,097	\$ 112
12/31/2019	10	479.778	84.78	\$23.11	\$1,959	395							\$ 1,959	\$ 1,959	\$ -
12/31/2019	11	484.936	92.94	\$22.19	\$2,062	392							\$ 2,062	\$ 2,062	\$ -
12/31/2019	12	486.983	112.98	\$21.77	\$2,460	374							\$ 2,460	\$ 2,046	\$ 413
12/31/2019	13	482.153	108.15	\$20.84	\$2,254	374							\$ 2,254	\$ 1,959	\$ 295
12/31/2019	14	480.176	106.18	\$20.55	\$2,182	374							\$ 2,182	\$ 1,932	\$ 250
12/31/2019	15	477.169	103.17	\$20.67	\$2,133	374							\$ 2,133	\$ 1,943	\$ 190
12/31/2019	16	475.099	101.1	\$23.04	\$2,329	374							\$ 2,329	\$ 2,166	\$ 164
12/31/2019	17	491.867	110.87	\$29.53	\$3,274	381							\$ 3,274	\$ 2,776	\$ 498
12/31/2019	18	489.064	49.06	\$26.45	\$1,298	440							\$ 1,298	\$ 1,298	\$ -
12/31/2019	19	472.349	83.35	\$26.54	\$2,212	389							\$ 2,212	\$ 2,212	\$ -
12/31/2019	20	455.461	91.46	\$24.28	\$2,221	364							\$ 2,221	\$ 2,221	\$ -
12/31/2019	21	442.636	78.64	\$22.47	\$1,767	364							\$ 1,767	\$ 1,767	\$ -
12/31/2019	22	429.841	65.84	\$19.83	\$1,306	364							\$ 1,306	\$ 1,306	\$ -
12/31/2019	23	416.845	52.85	\$18.88	\$998	364							\$ 998	\$ 998	\$ -
1/1/2020	0	402.859	38.86	\$18.35	\$713	364							\$ 713	\$ 713	\$ -
1/1/2020	1	395.944	29.94	\$17.84	\$534	366							\$ 534	\$ 534	\$ -
1/1/2020	2	384.329	20.33	\$17.60	\$358	364							\$ 358	\$ 358	\$ -
1/1/2020	3	379.452	15.45	\$17.53	\$271	364							\$ 271	\$ 271	\$ -
1/1/2020	4	379.493	15.49	\$17.68	\$274	364							\$ 274	\$ 274	\$ -
1/1/2020	5	388.339	24.34	\$18.19	\$443	364							\$ 443	\$ 443	\$ -
1/1/2020	6	398.197	35.2	\$18.80	\$662	363							\$ 662	\$ 662	\$ -
1/1/2020	7	408.101	43.1	\$19.51	\$841	365							\$ 841	\$ 841	\$ -
1/1/2020	8	410.919	46.92	\$19.48	\$914	364							\$ 914	\$ 914	\$ -
1/1/2020	9	411.883	46.88	\$19.49	\$914	365							\$ 914	\$ 914	\$ -
1/1/2020	10	409.906	43.91	\$19.44	\$854	366							\$ 854	\$ 854	\$ -
1/1/2020	11	405.818	41.82	\$19.07	\$798	364							\$ 798	\$ 798	\$ -
1/1/2020	12	399.769	33.77	\$18.62	\$629	366							\$ 629	\$ 629	\$ -
1/1/2020	13	392.83	27.83	\$18.43	\$513	365							\$ 513	\$ 513	\$ -
1/1/2020	14	390.041	27.04	\$18.26	\$494	363							\$ 494	\$ 494	\$ -
1/1/2020	15	390.042	24.04	\$18.37	\$442	366							\$ 442	\$ 442	\$ -
1/1/2020	16	395.903	30.9	\$19.55	\$604	365							\$ 604	\$ 604	\$ -
1/1/2020	17	430.99	58.99	\$23.10	\$1,363	372							\$ 1,363	\$ 1,363	\$ -
1/1/2020	18	451.823	79.82	\$22.80	\$1,820	372							\$ 1,820	\$ 1,820	\$ -
1/1/2020	19	453.625	89.63	\$22.49	\$2,016	364							\$ 2,016	\$ 2,016	\$ -
1/1/2020	20	450.585	82.59	\$21.16	\$1,748	368							\$ 1,748	\$ 1,748	\$ -
1/1/2020	21	441.706	76.71	\$19.79	\$1,518	365							\$ 1,518	\$ 1,518	\$ -
1/1/2020	22	425.971	46.97	\$18.98	\$891	379							\$ 891	\$ 891	\$ -
1/1/2020	23	409.114	43.11	\$18.40	\$793	366							\$ 793	\$ 793	\$ -
1/2/2020	0	392.444	28.44	\$18.20	\$518	364							\$ 518	\$ 518	\$ -
1/2/2020	1	383.575	19.58	\$18.39	\$360	364							\$ 360	\$ 360	\$ -
1/2/2020	2	380.492	15.49	\$18.31	\$284	365							\$ 284	\$ 284	\$ -
1/2/2020	3	380.426	15.43	\$18.54	\$286	365							\$ 286	\$ 286	\$ -
1/2/2020	4	392.196	27.2	\$18.79	\$511	365							\$ 511	\$ 511	\$ -
1/2/2020	5	416.74	40.74	\$20.79	\$847	376							\$ 847	\$ 847	\$ -
1/2/2020	6	450.184	59.18	\$30.77	\$1,821	391							\$ 1,821	\$ 1,821	\$ -
1/2/2020	7	478.876	5.88	\$36.65	\$216	473							\$ 216	\$ 216	\$ -

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
1/2/2020	8	485.717			\$0	541							\$ -	\$ -	\$ -
1/2/2020	9	488.719			\$0	551							\$ -	\$ -	\$ -
1/2/2020	10	479.087			\$0	547							\$ -	\$ -	\$ -
1/2/2020	11	491.132			\$0	545							\$ -	\$ -	\$ -
1/2/2020	12	491.117			\$0	530							\$ -	\$ -	\$ -
1/2/2020	13	495.235	14.24	\$20.65	\$294	481							\$ 294	\$ 294	\$ -
1/2/2020	14	496.436	49.44	\$20.35	\$1,006	447							\$ 1,006	\$ 1,006	\$ -
1/2/2020	15	495.731	28.73	\$20.69	\$594	467							\$ 594	\$ 594	\$ -
1/2/2020	16	495.754	1.75	\$23.11	\$40	494							\$ 40	\$ 40	\$ -
1/2/2020	17	507.603			\$0	544							\$ -	\$ -	\$ -
1/2/2020	18	506.658			\$0	593							\$ -	\$ -	\$ -
1/2/2020	19	498.749			\$0	601							\$ -	\$ -	\$ -
1/2/2020	20	487.988			\$0	598							\$ -	\$ -	\$ -
1/2/2020	21	468.316			\$0	578							\$ -	\$ -	\$ -
1/2/2020	22	444.743			\$0	538							\$ -	\$ -	\$ -
1/2/2020	23	420.053			\$0	495							\$ -	\$ -	\$ -
1/3/2020	0	404.394	0	\$0.00	\$0	467							\$ -	\$ -	\$ -
1/3/2020	1	389.638	0	\$0.00	\$0	429							\$ -	\$ -	\$ -
1/3/2020	2	378.877	0	\$0.00	\$0	380							\$ -	\$ -	\$ -
1/3/2020	3	376.825	11.83	\$17.13	\$203	365							\$ 203	\$ 203	\$ -
1/3/2020	4	379.769	14.77	\$17.31	\$256	365							\$ 256	\$ 256	\$ -
1/3/2020	5	395.601	29.6	\$18.11	\$536	366							\$ 536	\$ 536	\$ -
1/3/2020	6	426.236	57.24	\$21.29	\$1,219	369							\$ 1,219	\$ 1,219	\$ -
1/3/2020	7	451.826	75.83	\$23.68	\$1,796	376							\$ 1,796	\$ 1,796	\$ -
1/3/2020	8	458.752	35.75	\$23.63	\$845	423							\$ 845	\$ 845	\$ -
1/3/2020	9	462.592	2.59	\$23.82	\$62	460							\$ 62	\$ 62	\$ -
1/3/2020	10	471.516			\$0	526							\$ -	\$ -	\$ -
1/3/2020	11	473.28			\$0	576							\$ -	\$ -	\$ -
1/3/2020	12	473.15			\$0	599							\$ -	\$ -	\$ -
1/3/2020	13	473.186			\$0	602							\$ -	\$ -	\$ -
1/3/2020	14	473.248			\$0	599							\$ -	\$ -	\$ -
1/3/2020	15	470.39			\$0	601							\$ -	\$ -	\$ -
1/3/2020	16	471.336			\$0	603							\$ -	\$ -	\$ -
1/3/2020	17	483.305			\$0	603							\$ -	\$ -	\$ -
1/3/2020	18	481.339			\$0	602							\$ -	\$ -	\$ -
1/3/2020	19	475.417			\$0	602							\$ -	\$ -	\$ -
1/3/2020	20	463.602			\$0	604							\$ -	\$ -	\$ -
1/3/2020	21	449.828			\$0	602							\$ -	\$ -	\$ -
1/3/2020	22	432.073	0	\$0.00	\$0	579							\$ -	\$ -	\$ -
1/3/2020	23	413.327	0	\$0.00	\$0	596							\$ -	\$ -	\$ -
1/4/2020	0	391.773	0	\$0.00	\$0	525							\$ -	\$ -	\$ -
1/4/2020	1	378.182	0	\$0.00	\$0	483							\$ -	\$ -	\$ -
1/4/2020	2	370.394			\$0	398							\$ -	\$ -	\$ -
1/4/2020	3	368.421	4.42	\$16.87	\$75	364							\$ 75	\$ 75	\$ -
1/4/2020	4	372.406	8.41	\$16.76	\$141	364							\$ 141	\$ 141	\$ -
1/4/2020	5	380.3	15.3	\$17.46	\$267	365							\$ 267	\$ 267	\$ -
1/4/2020	6	394.089	29.09	\$17.83	\$519	365							\$ 519	\$ 519	\$ -
1/4/2020	7	411.852	46.85	\$18.96	\$888	365							\$ 888	\$ 888	\$ -
1/4/2020	8	429.484	40.48	\$20.43	\$827	389							\$ 827	\$ 827	\$ -
1/4/2020	9	446.137	63.14	\$22.44	\$1,417	383							\$ 1,417	\$ 1,417	\$ -
1/4/2020	10	459.893	34.89	\$23.18	\$809	425							\$ 809	\$ 809	\$ -
1/4/2020	11	470.65			\$0	479							\$ -	\$ -	\$ -
1/4/2020	12	481.487			\$0	503							\$ -	\$ -	\$ -
1/4/2020	13	483.453	27.45	\$19.48	\$535	456							\$ 535	\$ 535	\$ -
1/4/2020	14	485.297	86.3	\$19.02	\$1,641	399							\$ 1,641	\$ 1,641	\$ -
1/4/2020	15	487.401	121.4	\$18.94	\$2,299	366							\$ 2,299	\$ 1,780	\$ 519

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
							East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5			
1/4/2020	16	496.3	119.3	\$20.26	\$2,417	377							\$ 2,417	\$ 1,904	\$ 513
1/4/2020	17	509.902	91.9	\$24.55	\$2,256	418							\$ 2,256	\$ 2,256	\$ -
1/4/2020	18	513.717	46.72	\$23.58	\$1,102	467							\$ 1,102	\$ 1,102	\$ -
1/4/2020	19	507.812	48.81	\$22.00	\$1,074	459							\$ 1,074	\$ 1,074	\$ -
1/4/2020	20	502.85	30.85	\$22.42	\$692	472							\$ 692	\$ 692	\$ -
1/4/2020	21	492.976			\$0	533							\$ -	\$ -	\$ -
1/4/2020	22	477.258			\$0	543							\$ -	\$ -	\$ -
1/4/2020	23	453.554	0	\$0.00	\$0	465							\$ -	\$ -	\$ -
1/5/2020	0	432.962	36.96	\$18.40	\$680	396							\$ 680	\$ 680	\$ -
1/5/2020	1	421.158	55.16	\$17.80	\$982	366							\$ 982	\$ 982	\$ -
1/5/2020	2	414.138	59.14	\$17.55	\$1,038	355							\$ 1,038	\$ 1,038	\$ -
1/5/2020	3	410.127	47.13	\$17.78	\$838	363							\$ 838	\$ 838	\$ -
1/5/2020	4	414.035	50.04	\$18.07	\$904	364							\$ 904	\$ 904	\$ -
1/5/2020	5	420.874	47.87	\$18.03	\$863	373							\$ 863	\$ 863	\$ -
1/5/2020	6	434.616	41.62	\$19.14	\$797	393							\$ 797	\$ 797	\$ -
1/5/2020	7	452.306	47.31	\$19.50	\$923	405							\$ 923	\$ 923	\$ -
1/5/2020	8	459.988	46.99	\$19.75	\$928	413							\$ 928	\$ 928	\$ -
1/5/2020	9	465.784	51.78	\$19.44	\$1,007	414							\$ 1,007	\$ 1,007	\$ -
1/5/2020	10	458.832	73.83	\$19.12	\$1,412	385							\$ 1,412	\$ 1,412	\$ -
1/5/2020	11	451.784	78.78	\$18.55	\$1,461	373							\$ 1,461	\$ 1,461	\$ -
1/5/2020	12	443.832	79.83	\$18.29	\$1,460	364							\$ 1,460	\$ 1,460	\$ -
1/5/2020	13	434.961	69.96	\$17.89	\$1,252	365							\$ 1,252	\$ 1,252	\$ -
1/5/2020	14	428.015	62.02	\$17.85	\$1,107	366							\$ 1,107	\$ 1,107	\$ -
1/5/2020	15	427.919	63.92	\$17.61	\$1,126	364							\$ 1,126	\$ 1,126	\$ -
1/5/2020	16	435.863	62.86	\$19.46	\$1,223	373							\$ 1,223	\$ 1,223	\$ -
1/5/2020	17	464.563	76.56	\$27.33	\$2,092	388							\$ 2,092	\$ 2,092	\$ -
1/5/2020	18	488.328	66.33	\$25.76	\$1,709	422							\$ 1,709	\$ 1,709	\$ -
1/5/2020	19	492.082	27.08	\$25.98	\$704	465							\$ 704	\$ 704	\$ -
1/5/2020	20	485.028			\$0	507							\$ -	\$ -	\$ -
1/5/2020	21	468.476			\$0	513							\$ -	\$ -	\$ -
1/5/2020	22	445.882	0	\$0.00	\$0	490							\$ -	\$ -	\$ -
1/5/2020	23	425.132	0.13	\$18.64	\$2	425							\$ 2	\$ 2	\$ -
1/6/2020	0	413.463	23.46	\$18.31	\$430	390							\$ 430	\$ 430	\$ -
1/6/2020	1	407.592	64.59	\$18.39	\$1,188	343							\$ 1,188	\$ 1,188	\$ -
1/6/2020	2	405.667	60.67	\$18.25	\$1,107	345							\$ 1,107	\$ 1,107	\$ -
1/6/2020	3	410.584	47.58	\$18.32	\$872	363							\$ 872	\$ 872	\$ -
1/6/2020	4	428.442	63.44	\$18.63	\$1,182	365							\$ 1,182	\$ 1,182	\$ -
1/6/2020	5	459.951	90.95	\$21.75	\$1,978	369							\$ 1,978	\$ 1,978	\$ -
1/6/2020	6	513.389	112.39	\$32.68	\$3,673	401							\$ 3,673	\$ 3,072	\$ 601
1/6/2020	7	545.168	104.17	\$38.62	\$4,023	441							\$ 4,023	\$ 3,630	\$ 393
1/6/2020	8	539.328	30.33	\$30.97	\$939	509							\$ 939	\$ 939	\$ -
1/6/2020	9	532.622			\$0	547							\$ -	\$ -	\$ -
1/6/2020	10	519.849			\$0	581							\$ -	\$ -	\$ -
1/6/2020	11	507.126			\$0	543							\$ -	\$ -	\$ -
1/6/2020	12	493.286	5.29	\$21.17	\$112	488							\$ 112	\$ 112	\$ -
1/6/2020	13	483.406	39.41	\$20.86	\$822	444							\$ 822	\$ 822	\$ -
1/6/2020	14	474.572	75.57	\$20.69	\$1,564	399							\$ 1,564	\$ 1,564	\$ -
1/6/2020	15	473.592	110.59	\$20.78	\$2,298	363							\$ 2,298	\$ 1,953	\$ 345
1/6/2020	16	474.454	109.45	\$22.81	\$2,497	365							\$ 2,497	\$ 2,144	\$ 352
1/6/2020	17	503.001	121	\$31.40	\$3,799	382							\$ 3,799	\$ 2,952	\$ 848
1/6/2020	18	530.686	77.69	\$29.80	\$2,315	453							\$ 2,315	\$ 2,315	\$ -
1/6/2020	19	535.444	56.44	\$28.55	\$1,611	479							\$ 1,611	\$ 1,611	\$ -
1/6/2020	20	531.462	5.46	\$29.35	\$160	526							\$ 160	\$ 160	\$ -
1/6/2020	21	518.766			\$0	560							\$ -	\$ -	\$ -
1/6/2020	22	494.194			\$0	566							\$ -	\$ -	\$ -
1/6/2020	23	470.536			\$0	511							\$ -	\$ -	\$ -

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)				
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6			
1/7/2020	0	452.788	10.79	\$18.61	\$201	442							\$	201	\$	201	\$	-
1/7/2020	1	445.971	69.97	\$18.63	\$1,304	376							\$	1,304	\$	1,304	\$	-
1/7/2020	2	439.034	76.03	\$18.66	\$1,419	363							\$	1,419	\$	1,419	\$	-
1/7/2020	3	438.017	75.02	\$18.79	\$1,410	363							\$	1,410	\$	1,410	\$	-
1/7/2020	4	446.959	81.96	\$19.41	\$1,591	365							\$	1,591	\$	1,591	\$	-
1/7/2020	5	474.418	122.42	\$22.42	\$2,745	352							\$	2,745	\$	2,107	\$	637
1/7/2020	6	515.675	123.68	\$31.43	\$3,887	392							\$	3,887	\$	2,954	\$	933
1/7/2020	7	544.056	93.06	\$42.09	\$3,917	451							\$	3,917	\$	3,917	\$	-
1/7/2020	8	542.888	46.89	\$26.76	\$1,255	496							\$	1,255	\$	1,255	\$	-
1/7/2020	9	533.827	12.83	\$25.63	\$329	521							\$	329	\$	329	\$	-
1/7/2020	10	513.061			\$0	567						3	\$	-	\$	-	\$	-
1/7/2020	11	494.216			\$0	600						28	\$	-	\$	-	\$	-
1/7/2020	12	484.28			\$0	600						6	\$	-	\$	-	\$	-
1/7/2020	13	477.198			\$0	557							\$	-	\$	-	\$	-
1/7/2020	14	473.21			\$0	503							\$	-	\$	-	\$	-
1/7/2020	15	472.269	15.27	\$21.87	\$334	457							\$	334	\$	334	\$	-
1/7/2020	16	476.124	29.12	\$22.89	\$667	447							\$	667	\$	667	\$	-
1/7/2020	17	502.723	44.72	\$27.27	\$1,220	458							\$	1,220	\$	1,220	\$	-
1/7/2020	18	524.54	25.54	\$26.32	\$672	499							\$	672	\$	672	\$	-
1/7/2020	19	525.452	47.45	\$25.78	\$1,223	478							\$	1,223	\$	1,223	\$	-
1/7/2020	20	518.534	43.53	\$24.77	\$1,078	475							\$	1,078	\$	1,078	\$	-
1/7/2020	21	505.857	65.86	\$22.25	\$1,465	440							\$	1,465	\$	1,465	\$	-
1/7/2020	22	482.327	96.33	\$20.57	\$1,982	386							\$	1,982	\$	1,934	\$	48
1/7/2020	23	457.509	92.51	\$19.36	\$1,791	365							\$	1,791	\$	1,791	\$	-
1/8/2020	0	437.781	73.78	\$19.10	\$1,409	364							\$	1,409	\$	1,409	\$	-
1/8/2020	1	427.838	62.84	\$19.14	\$1,203	365							\$	1,203	\$	1,203	\$	-
1/8/2020	2	421.874	57.87	\$19.02	\$1,101	364							\$	1,101	\$	1,101	\$	-
1/8/2020	3	423.877	59.88	\$18.96	\$1,135	364							\$	1,135	\$	1,135	\$	-
1/8/2020	4	434.661	69.66	\$19.39	\$1,351	365							\$	1,351	\$	1,351	\$	-
1/8/2020	5	467.07	102.07	\$20.96	\$2,139	365							\$	2,139	\$	1,970	\$	169
1/8/2020	6	516.272	145.27	\$26.38	\$3,832	371							\$	3,832	\$	2,480	\$	1,353
1/8/2020	7	550.98	136.98	\$27.98	\$3,833	414							\$	3,833	\$	2,630	\$	1,203
1/8/2020	8	544.254	77.25	\$26.26	\$2,029	467							\$	2,029	\$	2,029	\$	-
1/8/2020	9	533.609	47.61	\$24.00	\$1,143	486							\$	1,143	\$	1,143	\$	-
1/8/2020	10	528.822	42.82	\$22.77	\$975	486							\$	975	\$	975	\$	-
1/8/2020	11	512.963	50.96	\$21.76	\$1,109	462							\$	1,109	\$	1,109	\$	-
1/8/2020	12	508.059	51.06	\$20.78	\$1,061	457							\$	1,061	\$	1,061	\$	-
1/8/2020	13	498.231	87.23	\$20.56	\$1,793	411							\$	1,793	\$	1,793	\$	-
1/8/2020	14	483.572	115.57	\$20.42	\$2,360	368							\$	2,360	\$	1,919	\$	440
1/8/2020	15	481.692	116.69	\$20.54	\$2,397	365							\$	2,397	\$	1,931	\$	466
1/8/2020	16	494.404	109.4	\$22.35	\$2,445	385							\$	2,445	\$	2,101	\$	344
1/8/2020	17	523.805	79.81	\$30.05	\$2,398	444							\$	2,398	\$	2,398	\$	-
1/8/2020	18	550.193	53.19	\$30.56	\$1,625	497							\$	1,625	\$	1,625	\$	-
1/8/2020	19	552.981	14.98	\$26.64	\$399	538							\$	399	\$	399	\$	-
1/8/2020	20	549.046			\$0	564							\$	-	\$	-	\$	-
1/8/2020	21	535.197			\$0	559							\$	-	\$	-	\$	-
1/8/2020	22	510.603			\$0	546							\$	-	\$	-	\$	-
1/8/2020	23	487.868			\$0	521							\$	-	\$	-	\$	-
1/9/2020	0	477.121	0	\$0.00	\$0	487							\$	-	\$	-	\$	-
1/9/2020	1	469.182	18.18	\$20.50	\$373	451							\$	373	\$	373	\$	-
1/9/2020	2	466.21	36.21	\$20.47	\$741	430							\$	741	\$	741	\$	-
1/9/2020	3	469.147	60.15	\$20.36	\$1,225	409							\$	1,225	\$	1,225	\$	-
1/9/2020	4	480.846	24.85	\$20.71	\$515	456							\$	515	\$	515	\$	-
1/9/2020	5	505.32	2.32	\$24.17	\$56	503							\$	56	\$	56	\$	-
1/9/2020	6	549.051			\$0	563							\$	-	\$	-	\$	-
1/9/2020	7	577.476			\$0	605							\$	-	\$	-	\$	-



Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
1/9/2020	8	569.093			\$0	598							\$ -	\$ -	\$ -
1/9/2020	9	554.649			\$0	570							\$ -	\$ -	\$ -
1/9/2020	10	532.241			\$0	529			4				\$ -	\$ -	\$ -
1/9/2020	11	511.794	12.79	\$20.90	\$267	480			19				\$ 267	\$ 267	\$ -
1/9/2020	12	497.083	59.08	\$20.03	\$1,183	438							\$ 1,183	\$ 1,183	\$ -
1/9/2020	13	494.201	95.2	\$19.45	\$1,852	399							\$ 1,852	\$ 1,828	\$ 23
1/9/2020	14	479.401	113.4	\$18.95	\$2,149	366							\$ 2,149	\$ 1,781	\$ 368
1/9/2020	15	478.316	121.32	\$19.02	\$2,308	357							\$ 2,308	\$ 1,788	\$ 520
1/9/2020	16	478.243	112.24	\$20.03	\$2,248	366							\$ 2,248	\$ 1,883	\$ 365
1/9/2020	17	496.809	106.81	\$23.45	\$2,505	390							\$ 2,505	\$ 2,204	\$ 300
1/9/2020	18	510.59	70.59	\$23.61	\$1,667	440							\$ 1,667	\$ 1,667	\$ -
1/9/2020	19	508.557	63.56	\$22.53	\$1,432	445							\$ 1,432	\$ 1,432	\$ -
1/9/2020	20	499.725	84.73	\$22.28	\$1,888	415							\$ 1,888	\$ 1,888	\$ -
1/9/2020	21	482.015	104.02	\$20.68	\$2,151	378							\$ 2,151	\$ 1,944	\$ 207
1/9/2020	22	455.338	87.34	\$19.46	\$1,700	368							\$ 1,700	\$ 1,700	\$ -
1/9/2020	23	426.56	60.56	\$18.14	\$1,099	366							\$ 1,099	\$ 1,099	\$ -
1/10/2020	0	409.873	44.87	\$17.99	\$807	365							\$ 807	\$ 807	\$ -
1/10/2020	1	394.287	28.29	\$17.64	\$499	366							\$ 499	\$ 499	\$ -
1/10/2020	2	385.444	19.44	\$17.35	\$337	366							\$ 337	\$ 337	\$ -
1/10/2020	3	380.608	15.61	\$17.42	\$272	365							\$ 272	\$ 272	\$ -
1/10/2020	4	387.629	24.63	\$17.44	\$430	363							\$ 430	\$ 430	\$ -
1/10/2020	5	408.366	42.37	\$18.55	\$786	366							\$ 786	\$ 786	\$ -
1/10/2020	6	448.777	78.78	\$20.96	\$1,651	370							\$ 1,651	\$ 1,651	\$ -
1/10/2020	7	480.474	63.47	\$23.09	\$1,466	417							\$ 1,466	\$ 1,466	\$ -
1/10/2020	8	476.483	22.48	\$21.33	\$479	454							\$ 479	\$ 479	\$ -
1/10/2020	9	476.513	36.51	\$20.82	\$760	440							\$ 760	\$ 760	\$ -
1/10/2020	10	481.6	70.6	\$20.82	\$1,470	411							\$ 1,470	\$ 1,470	\$ -
1/10/2020	11	478.711	101.71	\$19.92	\$2,026	377							\$ 2,026	\$ 1,872	\$ 154
1/10/2020	12	475.782	107.78	\$18.37	\$1,980	368							\$ 1,980	\$ 1,727	\$ 253
1/10/2020	13	466.926	100.93	\$18.32	\$1,849	366							\$ 1,849	\$ 1,722	\$ 127
1/10/2020	14	460.003	94	\$17.98	\$1,690	366							\$ 1,690	\$ 1,690	\$ -
1/10/2020	15	458.986	93.99	\$17.84	\$1,677	365							\$ 1,677	\$ 1,677	\$ -
1/10/2020	16	455.934	88.93	\$18.48	\$1,643	367							\$ 1,643	\$ 1,643	\$ -
1/10/2020	17	469.738	95.74	\$20.16	\$1,930	374							\$ 1,930	\$ 1,895	\$ 35
1/10/2020	18	467.824	97.82	\$19.66	\$1,923	370							\$ 1,923	\$ 1,848	\$ 75
1/10/2020	19	458.971	92.97	\$18.98	\$1,765	366							\$ 1,765	\$ 1,765	\$ -
1/10/2020	20	449.999	84	\$18.35	\$1,541	366							\$ 1,541	\$ 1,541	\$ -
1/10/2020	21	436.114	72.11	\$16.97	\$1,224	364							\$ 1,224	\$ 1,224	\$ -
1/10/2020	22	418.645	53.65	\$15.24	\$818	365							\$ 818	\$ 818	\$ -
1/10/2020	23	392.136	26.14	\$13.76	\$360	366							\$ 360	\$ 360	\$ -
1/11/2020	0	374.726	8.73	\$13.71	\$120	366							\$ 120	\$ 120	\$ -
1/11/2020	1	362.065			\$0	364							\$ -	\$ -	\$ -
1/11/2020	2	352.097			\$0	366							\$ -	\$ -	\$ -
1/11/2020	3	346.156			\$0	365							\$ -	\$ -	\$ -
1/11/2020	4	344.223			\$0	366							\$ -	\$ -	\$ -
1/11/2020	5	350.104			\$0	364							\$ -	\$ -	\$ -
1/11/2020	6	362.123			\$0	367							\$ -	\$ -	\$ -
1/11/2020	7	380.988	4.99	\$15.45	\$77	376							\$ 77	\$ 77	\$ -
1/11/2020	8	390.82	25.82	\$17.46	\$451	365							\$ 451	\$ 451	\$ -
1/11/2020	9	408.552	43.55	\$18.04	\$786	365							\$ 786	\$ 786	\$ -
1/11/2020	10	422.457	47.46	\$18.41	\$874	375							\$ 874	\$ 874	\$ -
1/11/2020	11	427.518	59.52	\$18.01	\$1,072	368							\$ 1,072	\$ 1,072	\$ -
1/11/2020	12	426.54	59.54	\$17.73	\$1,056	367							\$ 1,056	\$ 1,056	\$ -
1/11/2020	13	418.624	52.62	\$16.40	\$863	366							\$ 863	\$ 863	\$ -
1/11/2020	14	417.559	51.56	\$15.40	\$794	366							\$ 794	\$ 794	\$ -
1/11/2020	15	413.598	48.6	\$15.17	\$737	365							\$ 737	\$ 737	\$ -

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
1/11/2020	16	423.601	62.6	\$17.82	\$1,116	361								\$ 1,116	\$ 1,116	\$ -
1/11/2020	17	438.403	54.4	\$18.90	\$1,028	384								\$ 1,028	\$ 1,028	\$ -
1/11/2020	18	438.516	50.52	\$18.58	\$939	388								\$ 939	\$ 939	\$ -
1/11/2020	19	429.514	62.51	\$18.11	\$1,132	367								\$ 1,132	\$ 1,132	\$ -
1/11/2020	20	418.554	51.55	\$18.15	\$936	367								\$ 936	\$ 936	\$ -
1/11/2020	21	403.725	38.73	\$17.26	\$668	365								\$ 668	\$ 668	\$ -
1/11/2020	22	386.898	21.9	\$15.21	\$333	365								\$ 333	\$ 333	\$ -
1/11/2020	23	370.104	3.1	\$13.09	\$41	367								\$ 41	\$ 41	\$ -
1/12/2020	0	358.386			\$0	365								\$ -	\$ -	\$ -
1/12/2020	1	350.408			\$0	366								\$ -	\$ -	\$ -
1/12/2020	2	350.395			\$0	363								\$ -	\$ -	\$ -
1/12/2020	3	349.405			\$0	365								\$ -	\$ -	\$ -
1/12/2020	4	354.387			\$0	365								\$ -	\$ -	\$ -
1/12/2020	5	361.35			\$0	366								\$ -	\$ -	\$ -
1/12/2020	6	377.218	10.22	\$16.90	\$173	367								\$ 173	\$ 173	\$ -
1/12/2020	7	394.963	28.96	\$18.51	\$536	366								\$ 536	\$ 536	\$ -
1/12/2020	8	412.828	41.83	\$19.12	\$800	371								\$ 800	\$ 800	\$ -
1/12/2020	9	430.535	64.54	\$20.20	\$1,304	366								\$ 1,304	\$ 1,304	\$ -
1/12/2020	10	446.26	50.26	\$21.24	\$1,068	396								\$ 1,068	\$ 1,068	\$ -
1/12/2020	11	451.147			\$0	465								\$ -	\$ -	\$ -
1/12/2020	12	453.048	0	\$0.00	\$0	532								\$ -	\$ -	\$ -
1/12/2020	13	452.094	0	\$0.00	\$0	514								\$ -	\$ -	\$ -
1/12/2020	14	451.102	0	\$0.00	\$0	530								\$ -	\$ -	\$ -
1/12/2020	15	451.127	0	\$0.00	\$0	518								\$ -	\$ -	\$ -
1/12/2020	16	460.879			\$0	544								\$ -	\$ -	\$ -
1/12/2020	17	481.428			\$0	601								\$ -	\$ -	\$ -
1/12/2020	18	489.271			\$0	603								\$ -	\$ -	\$ -
1/12/2020	19	489.241			\$0	601								\$ -	\$ -	\$ -
1/12/2020	20	482.305			\$0	602								\$ -	\$ -	\$ -
1/12/2020	21	467.704			\$0	590								\$ -	\$ -	\$ -
1/12/2020	22	442.111			\$0	585								\$ -	\$ -	\$ -
1/12/2020	23	417.493			\$0	523								\$ -	\$ -	\$ -
1/13/2020	0	402.594	0	\$0.00	\$0	446								\$ -	\$ -	\$ -
1/13/2020	1	392.809	21.81	\$15.41	\$336	371								\$ 336	\$ 336	\$ -
1/13/2020	2	384.804	19.8	\$15.27	\$302	365								\$ 302	\$ 302	\$ -
1/13/2020	3	385.818	21.82	\$15.49	\$338	364								\$ 338	\$ 338	\$ -
1/13/2020	4	397.553	34.55	\$17.13	\$592	363								\$ 592	\$ 592	\$ -
1/13/2020	5	425.105	52.11	\$18.66	\$972	373								\$ 972	\$ 972	\$ -
1/13/2020	6	475.159	58.16	\$28.16	\$1,638	417								\$ 1,638	\$ 1,638	\$ -
1/13/2020	7	507.587	34.59	\$28.53	\$987	473								\$ 987	\$ 987	\$ -
1/13/2020	8	504.674			\$0	508								\$ -	\$ -	\$ -
1/13/2020	9	500.616			\$0	554								\$ -	\$ -	\$ -
1/13/2020	10	495.64			\$0	577								\$ -	\$ -	\$ -
1/13/2020	11	472.929			\$0	600								\$ -	\$ -	\$ -
1/13/2020	12	468.124			\$0	601								\$ -	\$ -	\$ -
1/13/2020	13	458.267			\$0	604								\$ -	\$ -	\$ -
1/13/2020	14	451.394			\$0	603								\$ -	\$ -	\$ -
1/13/2020	15	448.548			\$0	601								\$ -	\$ -	\$ -
1/13/2020	16	456.445			\$0	597								\$ -	\$ -	\$ -
1/13/2020	17	473.89			\$0	589								\$ -	\$ -	\$ -
1/13/2020	18	499.5			\$0	601								\$ -	\$ -	\$ -
1/13/2020	19	502.354			\$0	604								\$ -	\$ -	\$ -
1/13/2020	20	494.45			\$0	602								\$ -	\$ -	\$ -
1/13/2020	21	479.611			\$0	597								\$ -	\$ -	\$ -
1/13/2020	22	456.938			\$0	598								\$ -	\$ -	\$ -
1/13/2020	23	432.248			\$0	528								\$ -	\$ -	\$ -

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)	
1/14/2020	0	416.609	0	\$0.00	\$0	428							\$	-	\$	-
1/14/2020	1	404.979	48.98	\$15.79	\$773	356							\$	773	\$	773
1/14/2020	2	399.212	35.21	\$15.20	\$535	364							\$	535	\$	535
1/14/2020	3	397.396	32.4	\$15.20	\$492	365							\$	492	\$	492
1/14/2020	4	404.152	38.15	\$16.20	\$618	366							\$	618	\$	618
1/14/2020	5	431.741	65.74	\$18.81	\$1,237	366							\$	1,237	\$	1,237
1/14/2020	6	472.056	83.06	\$26.82	\$2,228	389							\$	2,228	\$	2,228
1/14/2020	7	497.694	78.69	\$27.74	\$2,183	419							\$	2,183	\$	2,183
1/14/2020	8	493.885	55.89	\$23.99	\$1,341	438							\$	1,341	\$	1,341
1/14/2020	9	486.904			\$0	495							\$	-	\$	-
1/14/2020	10	482.763			\$0	552							\$	-	\$	-
1/14/2020	11	476.752			\$0	596							\$	-	\$	-
1/14/2020	12	467.829			\$0	604							\$	-	\$	-
1/14/2020	13	451.01			\$0	604							\$	-	\$	-
1/14/2020	14	440.268	0	\$0.00	\$0	601							\$	-	\$	-
1/14/2020	15	439.409	0	\$0.00	\$0	595							\$	-	\$	-
1/14/2020	16	441.384			\$0	592							\$	-	\$	-
1/14/2020	17	460.106			\$0	590							\$	-	\$	-
1/14/2020	18	482.878			\$0	604							\$	-	\$	-
1/14/2020	19	489.861			\$0	602							\$	-	\$	-
1/14/2020	20	482.868			\$0	603							\$	-	\$	-
1/14/2020	21	469.059			\$0	600							\$	-	\$	-
1/14/2020	22	449.439	0	\$0.00	\$0	582							\$	-	\$	-
1/14/2020	23	426.685	0	\$0.00	\$0	565							\$	-	\$	-
1/15/2020	0	410.972	0	\$0.00	\$0	477							\$	-	\$	-
1/15/2020	1	405.111	17.11	\$18.49	\$316	388							\$	316	\$	316
1/15/2020	2	401.154	49.15	\$17.64	\$867	352							\$	867	\$	867
1/15/2020	3	405.976	96.98	\$17.66	\$1,713	309							\$	1,713	\$	1,660
1/15/2020	4	416.661	112.66	\$18.05	\$2,034	304							\$	2,034	\$	1,697
1/15/2020	5	446.416	138.42	\$19.53	\$2,703	308							\$	2,703	\$	1,836
1/15/2020	6	490.608	162.61	\$26.21	\$4,262	328							\$	4,262	\$	2,464
1/15/2020	7	512.294	95.29	\$27.85	\$2,654	417							\$	2,654	\$	2,618
1/15/2020	8	507.62	3.62	\$25.35	\$92	504							\$	92	\$	92
1/15/2020	9	505.629			\$0	573							\$	-	\$	-
1/15/2020	10	505.662			\$0	602							\$	-	\$	-
1/15/2020	11	494.918			\$0	601							\$	-	\$	-
1/15/2020	12	486.11			\$0	593							\$	-	\$	-
1/15/2020	13	484.303	0	\$0.00	\$0	562							\$	-	\$	-
1/15/2020	14	478.43	0	\$0.00	\$0	507							\$	-	\$	-
1/15/2020	15	480.344	17.34	\$19.38	\$336	463							\$	336	\$	336
1/15/2020	16	479.321	24.32	\$20.35	\$495	455							\$	495	\$	495
1/15/2020	17	494.022	21.02	\$25.15	\$529	473							\$	529	\$	529
1/15/2020	18	504.795			\$0	521							\$	-	\$	-
1/15/2020	19	499.793			\$0	517							\$	-	\$	-
1/15/2020	20	488.963	8.96	\$21.51	\$193	480							\$	193	\$	193
1/15/2020	21	470.213	22.21	\$19.45	\$432	448							\$	432	\$	432
1/15/2020	22	444.451	39.45	\$18.59	\$733	405							\$	733	\$	733
1/15/2020	23	422.727	66.73	\$16.53	\$1,103	356							\$	1,103	\$	1,103
1/16/2020	0	406.144	81.14	\$17.26	\$1,400	325							\$	1,400	\$	1,400
1/16/2020	1	394.602	88.6	\$16.29	\$1,443	306							\$	1,443	\$	1,443
1/16/2020	2	392.703	88.7	\$16.01	\$1,420	304							\$	1,420	\$	1,420
1/16/2020	3	394.749	90.75	\$16.67	\$1,513	304							\$	1,513	\$	1,513
1/16/2020	4	411.543	107.54	\$18.87	\$2,029	304							\$	2,029	\$	1,774
1/16/2020	5	439.238	134.24	\$21.16	\$2,841	305							\$	2,841	\$	1,989
1/16/2020	6	490.342	174.34	\$28.03	\$4,887	316							\$	4,887	\$	2,635
1/16/2020	7	524.931	172.93	\$32.93	\$5,695	352							\$	5,695	\$	3,095

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)	
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6
1/16/2020	8	522.093	99.09	\$29.92	\$2,965	423							\$ 2,965	\$ 2,812	\$ 152
1/16/2020	9	528.043	115.04	\$29.38	\$3,380	413							\$ 3,380	\$ 2,762	\$ 618
1/16/2020	10	516.174	152.17	\$26.11	\$3,973	364							\$ 3,973	\$ 2,454	\$ 1,519
1/16/2020	11	506.331	165.33	\$23.53	\$3,890	341							\$ 3,890	\$ 2,212	\$ 1,678
1/16/2020	12	498.439	200.44	\$22.38	\$4,486	298							\$ 4,486	\$ 2,104	\$ 2,382
1/16/2020	13	489.617	183.62	\$22.32	\$4,098	306							\$ 4,098	\$ 2,098	\$ 2,000
1/16/2020	14	485.682	173.68	\$22.39	\$3,889	312							\$ 3,889	\$ 2,105	\$ 1,784
1/16/2020	15	487.55	181.55	\$24.01	\$4,359	306							\$ 4,359	\$ 2,257	\$ 2,102
1/16/2020	16	492.246	188.25	\$26.31	\$4,953	304							\$ 4,953	\$ 2,473	\$ 2,480
1/16/2020	17	518.733	176.73	\$37.32	\$6,596	342							\$ 6,596	\$ 3,508	\$ 3,087
1/16/2020	18	546.394	97.39	\$38.84	\$3,783	449							\$ 3,783	\$ 3,651	\$ 132
1/16/2020	19	554.108	4.11	\$35.35	\$145	550							\$ 145	\$ 145	\$ -
1/16/2020	20	552.053			\$0	601							\$ -	\$ -	\$ -
1/16/2020	21	541.245			\$0	599							\$ -	\$ -	\$ -
1/16/2020	22	516.716			\$0	588							\$ -	\$ -	\$ -
1/16/2020	23	495.164			\$0	535							\$ -	\$ -	\$ -
1/17/2020	0	482.32	40.32	\$20.70	\$835	442							\$ 835	\$ 835	\$ -
1/17/2020	1	477.39	127.39	\$20.66	\$2,632	350							\$ 2,632	\$ 1,942	\$ 690
1/17/2020	2	477.384	172.38	\$20.30	\$3,499	305							\$ 3,499	\$ 1,908	\$ 1,591
1/17/2020	3	477.201	173.2	\$20.58	\$3,564	304							\$ 3,564	\$ 1,935	\$ 1,630
1/17/2020	4	491.996	153	\$21.39	\$3,273	339							\$ 3,273	\$ 2,011	\$ 1,262
1/17/2020	5	519.467	199.47	\$24.64	\$4,915	320							\$ 4,915	\$ 2,316	\$ 2,599
1/17/2020	6	564.517	228.52	\$35.03	\$8,005	336							\$ 8,005	\$ 3,293	\$ 4,712
1/17/2020	7	591.851	161.85	\$50.31	\$8,143	430							\$ 8,143	\$ 4,729	\$ 3,414
1/17/2020	8	586.009	81.01	\$35.78	\$2,899	505							\$ 2,899	\$ 2,899	\$ -
1/17/2020	9	584.031	77.03	\$32.62	\$2,513	507							\$ 2,513	\$ 2,513	\$ -
1/17/2020	10	576.889	8.89	\$31.63	\$281	568							\$ 281	\$ 281	\$ -
1/17/2020	11	562.208			\$0	595							\$ -	\$ -	\$ -
1/17/2020	12	557.635			\$0	571							\$ -	\$ -	\$ -
1/17/2020	13	548.962	8.96	\$24.17	\$217	540							\$ 217	\$ 217	\$ -
1/17/2020	14	542.102	40.1	\$23.59	\$946	502							\$ 946	\$ 946	\$ -
1/17/2020	15	544.033	69.03	\$23.68	\$1,635	475							\$ 1,635	\$ 1,635	\$ -
1/17/2020	16	546.745	61.75	\$24.15	\$1,491	485							\$ 1,491	\$ 1,491	\$ -
1/17/2020	17	556.235	51.24	\$31.20	\$1,599	505							\$ 1,599	\$ 1,599	\$ -
1/17/2020	18	561.013			\$0	593							\$ -	\$ -	\$ -
1/17/2020	19	543.224			\$0	578							\$ -	\$ -	\$ -
1/17/2020	20	532.352	20.35	\$25.34	\$516	512							\$ 516	\$ 516	\$ -
1/17/2020	21	514.634	34.63	\$24.54	\$850	480							\$ 850	\$ 850	\$ -
1/17/2020	22	493.853	104.85	\$23.72	\$2,487	389							\$ 2,487	\$ 2,230	\$ 257
1/17/2020	23	469.27	150.27	\$22.00	\$3,306	319							\$ 3,306	\$ 2,068	\$ 1,238
1/18/2020	0	446.385	118.39	\$20.78	\$2,460	328							\$ 2,460	\$ 1,953	\$ 507
1/18/2020	1	430.666	119.67	\$20.29	\$2,428	311							\$ 2,428	\$ 1,907	\$ 521
1/18/2020	2	422.744	28.74	\$20.37	\$585	394							\$ 585	\$ 585	\$ -
1/18/2020	3	423.712	95.71	\$19.49	\$1,865	328							\$ 1,865	\$ 1,832	\$ 33
1/18/2020	4	431.602	127.6	\$19.59	\$2,500	304							\$ 2,500	\$ 1,841	\$ 658
1/18/2020	5	442.409	136.41	\$19.91	\$2,716	306							\$ 2,716	\$ 1,872	\$ 844
1/18/2020	6	455.165	150.17	\$20.28	\$3,045	305							\$ 3,045	\$ 1,906	\$ 1,139
1/18/2020	7	471.732	158.73	\$21.89	\$3,475	313							\$ 3,475	\$ 2,058	\$ 1,417
1/18/2020	8	485.459	160.46	\$22.95	\$3,683	325							\$ 3,683	\$ 2,157	\$ 1,525
1/18/2020	9	494.294	175.29	\$23.48	\$4,116	319							\$ 4,116	\$ 2,207	\$ 1,909
1/18/2020	10	495.239	93.24	\$23.93	\$2,231	402							\$ 2,231	\$ 2,231	\$ -
1/18/2020	11	491.215	50.22	\$22.83	\$1,147	441							\$ 1,147	\$ 1,147	\$ -
1/18/2020	12	486.119			\$0	487							\$ -	\$ -	\$ -
1/18/2020	13	477.271			\$0	521							\$ -	\$ -	\$ -
1/18/2020	14	466.364			\$0	506							\$ -	\$ -	\$ -
1/18/2020	15	457.587	0	\$0.00	\$0	505							\$ -	\$ -	\$ -

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
1/18/2020	16	460.478			\$0	511							\$ -	\$ -	\$ -
1/18/2020	17	468.265			\$0	591							\$ -	\$ -	\$ -
1/18/2020	18	480.461			\$0	560							\$ -	\$ -	\$ -
1/18/2020	19	477.781	0.78	\$21.77	\$17	477							\$ 17	\$ 17	\$ -
1/18/2020	20	471.08	48.08	\$20.62	\$991	423							\$ 991	\$ 991	\$ -
1/18/2020	21	464.317	119.32	\$19.41	\$2,316	345							\$ 2,316	\$ 1,825	\$ 491
1/18/2020	22	457.448	151.45	\$18.96	\$2,871	306							\$ 2,871	\$ 1,782	\$ 1,089
1/18/2020	23	444.534	139.53	\$18.17	\$2,535	305							\$ 2,535	\$ 1,708	\$ 827
1/19/2020	0	434.824	128.82	\$18.20	\$2,345	306							\$ 2,345	\$ 1,711	\$ 634
1/19/2020	1	434.009	130.01	\$18.07	\$2,349	304							\$ 2,349	\$ 1,699	\$ 651
1/19/2020	2	433.107	129.11	\$17.84	\$2,303	304							\$ 2,303	\$ 1,677	\$ 626
1/19/2020	3	435.126	130.13	\$17.99	\$2,341	305							\$ 2,341	\$ 1,691	\$ 650
1/19/2020	4	449.98	144.98	\$18.13	\$2,628	305							\$ 2,628	\$ 1,704	\$ 924
1/19/2020	5	465.894	160.89	\$19.36	\$3,115	305							\$ 3,115	\$ 1,820	\$ 1,295
1/19/2020	6	480.566	176.57	\$20.58	\$3,634	304							\$ 3,634	\$ 1,935	\$ 1,699
1/19/2020	7	496.377	189.38	\$21.91	\$4,149	307							\$ 4,149	\$ 2,060	\$ 2,090
1/19/2020	8	517.842	212.84	\$22.10	\$4,704	305							\$ 4,704	\$ 2,077	\$ 2,626
1/19/2020	9	532.453	226.45	\$21.99	\$4,980	306							\$ 4,980	\$ 2,067	\$ 2,913
1/19/2020	10	538.228	242.23	\$20.60	\$4,990	296							\$ 4,990	\$ 1,936	\$ 3,054
1/19/2020	11	546.196	241.2	\$20.02	\$4,829	305							\$ 4,829	\$ 1,882	\$ 2,947
1/19/2020	12	550.133	246.13	\$19.66	\$4,839	304							\$ 4,839	\$ 1,848	\$ 2,991
1/19/2020	13	556.168	253.17	\$19.49	\$4,934	303							\$ 4,934	\$ 1,832	\$ 3,102
1/19/2020	14	559.162	254.16	\$19.18	\$4,875	305							\$ 4,875	\$ 1,803	\$ 3,072
1/19/2020	15	565.018	259.02	\$19.45	\$5,038	306							\$ 5,038	\$ 1,828	\$ 3,210
1/19/2020	16	574.603	262.6	\$21.94	\$5,761	312							\$ 5,761	\$ 2,062	\$ 3,699
1/19/2020	17	595.147	226.15	\$29.43	\$6,656	369							\$ 6,656	\$ 2,766	\$ 3,889
1/19/2020	18	605.809	150.81	\$28.39	\$4,281	455							\$ 4,281	\$ 2,669	\$ 1,613
1/19/2020	19	605.684	63.68	\$27.42	\$1,746	542							\$ 1,746	\$ 1,746	\$ -
1/19/2020	20	597.656	15.66	\$27.62	\$433	582							\$ 433	\$ 433	\$ -
1/19/2020	21	581.869	16.87	\$25.29	\$427	565							\$ 427	\$ 427	\$ -
1/19/2020	22	563.154			\$0	595							\$ -	\$ -	\$ -
1/19/2020	23	543.817			\$0	551							\$ -	\$ -	\$ -
1/20/2020	0	531.905			\$0	582							\$ -	\$ -	\$ -
1/20/2020	1	523.025			\$0	600							\$ -	\$ -	\$ -
1/20/2020	2	518.179			\$0	589							\$ -	\$ -	\$ -
1/20/2020	3	518.287			\$0	590							\$ -	\$ -	\$ -
1/20/2020	4	530.08			\$0	565							\$ -	\$ -	\$ -
1/20/2020	5	548.644			\$0	573							\$ -	\$ -	\$ -
1/20/2020	6	578.832			\$0	603							\$ -	\$ -	\$ -
1/20/2020	7	611.263	9.26	\$33.12	\$307	602							\$ 307	\$ 307	\$ -
1/20/2020	8	622.031	20.03	\$30.39	\$609	602							\$ 609	\$ 609	\$ -
1/20/2020	9	623.801	23.8	\$29.93	\$712	600							\$ 712	\$ 712	\$ -
1/20/2020	10	614.926	12.93	\$27.31	\$353	602							\$ 353	\$ 353	\$ -
1/20/2020	11	592.477	4.48	\$25.53	\$114	588							\$ 114	\$ 114	\$ -
1/20/2020	12	575.91			\$0	600							\$ -	\$ -	\$ -
1/20/2020	13	565.254			\$0	603							\$ -	\$ -	\$ -
1/20/2020	14	557.589			\$0	591							\$ -	\$ -	\$ -
1/20/2020	15	556.669			\$0	604							\$ -	\$ -	\$ -
1/20/2020	16	565.378			\$0	585							\$ -	\$ -	\$ -
1/20/2020	17	588.647			\$0	605							\$ -	\$ -	\$ -
1/20/2020	18	604.847	31.85	\$29.47	\$939	573							\$ 939	\$ 939	\$ -
1/20/2020	19	603.752	8.75	\$29.97	\$262	595							\$ 262	\$ 262	\$ -
1/20/2020	20	594.675	0	\$0.00	\$0	601							\$ -	\$ -	\$ -
1/20/2020	21	574.061			\$0	601							\$ -	\$ -	\$ -
1/20/2020	22	546.612			\$0	603							\$ -	\$ -	\$ -
1/20/2020	23	520.085			\$0	603							\$ -	\$ -	\$ -

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)				
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6			
1/21/2020	0	503.333			\$0	585							\$	-	\$	-	\$	-
1/21/2020	1	494.384			\$0	578							\$	-	\$	-	\$	-
1/21/2020	2	489.38			\$0	608							\$	-	\$	-	\$	-
1/21/2020	3	488.449			\$0	556							\$	-	\$	-	\$	-
1/21/2020	4	502.148			\$0	603							\$	-	\$	-	\$	-
1/21/2020	5	532.658			\$0	603							\$	-	\$	-	\$	-
1/21/2020	6	580.61			\$0	601							\$	-	\$	-	\$	-
1/21/2020	7	614.123	11.12	\$48.48	\$539	603							\$	539	\$	539	\$	-
1/21/2020	8	604.394	2.39	\$32.79	\$78	602							\$	78	\$	78	\$	-
1/21/2020	9	591.985			\$0	601							\$	-	\$	-	\$	-
1/21/2020	10	571.31			\$0	602					55		\$	-	\$	-	\$	-
1/21/2020	11	554.786			\$0	603					91		\$	-	\$	-	\$	-
1/21/2020	12	540.078			\$0	584					72		\$	-	\$	-	\$	-
1/21/2020	13	527.381			\$0	582							\$	-	\$	-	\$	-
1/21/2020	14	516.525			\$0	560							\$	-	\$	-	\$	-
1/21/2020	15	512.586			\$0	544							\$	-	\$	-	\$	-
1/21/2020	16	517.314			\$0	580							\$	-	\$	-	\$	-
1/21/2020	17	539.723			\$0	604							\$	-	\$	-	\$	-
1/21/2020	18	573			\$0	606							\$	-	\$	-	\$	-
1/21/2020	19	581.666			\$0	605							\$	-	\$	-	\$	-
1/21/2020	20	580.712			\$0	602							\$	-	\$	-	\$	-
1/21/2020	21	563.182			\$0	589							\$	-	\$	-	\$	-
1/21/2020	22	541.817	44.82	\$23.86	\$1,069	497							\$	1,069	\$	1,069	\$	-
1/21/2020	23	522.814	115.81	\$22.19	\$2,570	407							\$	2,570	\$	2,086	\$	484
1/22/2020	0	510.858	141.86	\$21.37	\$3,032	369							\$	3,032	\$	2,009	\$	1,023
1/22/2020	1	504.649	104.65	\$21.36	\$2,235	400							\$	2,235	\$	2,008	\$	227
1/22/2020	2	504.473	101.47	\$21.05	\$2,136	403							\$	2,136	\$	1,979	\$	157
1/22/2020	3	510.493	117.49	\$21.14	\$2,484	393							\$	2,484	\$	1,987	\$	497
1/22/2020	4	526.237	159.24	\$22.32	\$3,554	367							\$	3,554	\$	2,098	\$	1,456
1/22/2020	5	558.663	175.66	\$24.01	\$4,218	383							\$	4,218	\$	2,257	\$	1,961
1/22/2020	6	607.606	126.61	\$31.60	\$4,001	481							\$	4,001	\$	2,970	\$	1,030
1/22/2020	7	639.089	103.09	\$35.36	\$3,645	536							\$	3,645	\$	3,324	\$	321
1/22/2020	8	628.269	31.27	\$26.55	\$830	597							\$	830	\$	830	\$	-
1/22/2020	9	602.105	44.11	\$23.89	\$1,054	558							\$	1,054	\$	1,054	\$	-
1/22/2020	10	573.771	68.77	\$20.09	\$1,382	505							\$	1,382	\$	1,382	\$	-
1/22/2020	11	557.304	136.3	\$19.03	\$2,594	421							\$	2,594	\$	1,789	\$	805
1/22/2020	12	551.634	202.63	\$18.33	\$3,714	349							\$	3,714	\$	1,723	\$	1,991
1/22/2020	13	540.862	225.86	\$18.04	\$4,075	315							\$	4,075	\$	1,696	\$	2,379
1/22/2020	14	525.09	219.09	\$18.12	\$3,970	306							\$	3,970	\$	1,703	\$	2,267
1/22/2020	15	516.321	211.32	\$18.13	\$3,831	305							\$	3,831	\$	1,704	\$	2,127
1/22/2020	16	517.435	211.44	\$18.26	\$3,861	306							\$	3,861	\$	1,716	\$	2,144
1/22/2020	17	541.894	222.89	\$22.33	\$4,977	319							\$	4,977	\$	2,099	\$	2,878
1/22/2020	18	561.482	187.48	\$22.06	\$4,136	374							\$	4,136	\$	2,074	\$	2,062
1/22/2020	19	561.246	192.25	\$21.22	\$4,080	369							\$	4,080	\$	1,995	\$	2,085
1/22/2020	20	551.325	187.33	\$20.66	\$3,870	364							\$	3,870	\$	1,942	\$	1,928
1/22/2020	21	530.689	203.69	\$19.95	\$4,064	327							\$	4,064	\$	1,875	\$	2,188
1/22/2020	22	508.116	201.12	\$18.81	\$3,783	307							\$	3,783	\$	1,768	\$	2,015
1/22/2020	23	479.47	172.47	\$17.93	\$3,092	307							\$	3,092	\$	1,685	\$	1,407
1/23/2020	0	466.654	159.65	\$17.60	\$2,810	307							\$	2,810	\$	1,654	\$	1,155
1/23/2020	1	458.588	150.59	\$17.72	\$2,668	308							\$	2,668	\$	1,666	\$	1,003
1/23/2020	2	450.54	145.54	\$17.68	\$2,573	305							\$	2,573	\$	1,662	\$	911
1/23/2020	3	450.435	139.44	\$17.56	\$2,449	311							\$	2,449	\$	1,651	\$	798
1/23/2020	4	459.334	100.33	\$18.38	\$1,844	359							\$	1,844	\$	1,728	\$	116
1/23/2020	5	488.035	81.04	\$20.25	\$1,641	407							\$	1,641	\$	1,641	\$	-
1/23/2020	6	532.064	58.06	\$25.19	\$1,463	474							\$	1,463	\$	1,463	\$	-
1/23/2020	7	557.716	0	\$0.00	\$0	559							\$	-	\$	-	\$	-

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)			
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6		
1/23/2020	8	553.835			\$0	604						\$	-	\$	-	\$	-
1/23/2020	9	551.069			\$0	598						\$	-	\$	-	\$	-
1/23/2020	10	544.331			\$0	573						\$	-	\$	-	\$	-
1/23/2020	11	534.729	12.73	\$20.88	\$266	522						\$	266	\$	266	\$	-
1/23/2020	12	519.177	55.18	\$19.98	\$1,102	464						\$	1,102	\$	1,102	\$	-
1/23/2020	13	514.305	125.31	\$19.60	\$2,456	389						\$	2,456	\$	1,842	\$	614
1/23/2020	14	510.447	151.45	\$19.33	\$2,928	359						\$	2,928	\$	1,817	\$	1,111
1/23/2020	15	506.496	145.5	\$19.33	\$2,813	361						\$	2,813	\$	1,817	\$	995
1/23/2020	16	503.325	9.33	\$20.18	\$188	494						\$	188	\$	188	\$	-
1/23/2020	17	514.829	0	\$0.00	\$0	596						\$	-	\$	-	\$	-
1/23/2020	18	526.86	0	\$0.00	\$0	603						\$	-	\$	-	\$	-
1/23/2020	19	525.786			\$0	598						\$	-	\$	-	\$	-
1/23/2020	20	515.759			\$0	568						\$	-	\$	-	\$	-
1/23/2020	21	498.147	5.15	\$20.39	\$105	493						\$	105	\$	105	\$	-
1/23/2020	22	470.523	71.52	\$19.06	\$1,363	399						\$	1,363	\$	1,363	\$	-
1/23/2020	23	448.868	108.87	\$18.11	\$1,972	340						\$	1,972	\$	1,702	\$	269
1/24/2020	0	433.518	127.52	\$17.31	\$2,207	306						\$	2,207	\$	1,627	\$	580
1/24/2020	1	419.897	112.9	\$17.27	\$1,950	307						\$	1,950	\$	1,623	\$	326
1/24/2020	2	414.113	109.11	\$16.84	\$1,837	305						\$	1,837	\$	1,583	\$	254
1/24/2020	3	412.113	105.11	\$16.94	\$1,781	307						\$	1,781	\$	1,592	\$	188
1/24/2020	4	419.889	118.89	\$17.31	\$2,058	301						\$	2,058	\$	1,627	\$	431
1/24/2020	5	447.327	136.33	\$18.22	\$2,484	311						\$	2,484	\$	1,713	\$	771
1/24/2020	6	488.388	147.39	\$22.88	\$3,372	341						\$	3,372	\$	2,151	\$	1,222
1/24/2020	7	513.947	68.95	\$23.60	\$1,627	445						\$	1,627	\$	1,627	\$	-
1/24/2020	8	508.075			\$0	513						\$	-	\$	-	\$	-
1/24/2020	9	508.111			\$0	566						\$	-	\$	-	\$	-
1/24/2020	10	513.136	16.14	\$22.38	\$361	497						\$	361	\$	361	\$	-
1/24/2020	11	507.343	34.34	\$22.38	\$769	473						\$	769	\$	769	\$	-
1/24/2020	12	505.342	45.34	\$21.89	\$992	460						\$	992	\$	992	\$	-
1/24/2020	13	500.473	48.47	\$21.05	\$1,020	452						\$	1,020	\$	1,020	\$	-
1/24/2020	14	489.687	85.69	\$20.18	\$1,729	404						\$	1,729	\$	1,729	\$	-
1/24/2020	15	476.907	157.91	\$20.07	\$3,169	319						\$	3,169	\$	1,887	\$	1,283
1/24/2020	16	470.903	160.9	\$20.37	\$3,278	310						\$	3,278	\$	1,915	\$	1,363
1/24/2020	17	484.594	104.59	\$22.69	\$2,373	380						\$	2,373	\$	2,133	\$	240
1/24/2020	18	494.519	126.52	\$22.18	\$2,806	368						\$	2,806	\$	2,085	\$	721
1/24/2020	19	487.789	181.79	\$21.27	\$3,867	306						\$	3,867	\$	1,999	\$	1,867
1/24/2020	20	479.907	173.91	\$20.35	\$3,539	306						\$	3,539	\$	1,913	\$	1,626
1/24/2020	21	466.14	157.14	\$19.29	\$3,031	309						\$	3,031	\$	1,813	\$	1,218
1/24/2020	22	449.59	146.59	\$18.18	\$2,665	303						\$	2,665	\$	1,709	\$	956
1/24/2020	23	428.279	122.28	\$17.13	\$2,095	306						\$	2,095	\$	1,610	\$	484
1/25/2020	0	412.622	165.62	\$16.24	\$2,690	247						\$	2,690	\$	1,527	\$	1,163
1/25/2020	1	401.999	350	\$15.18	\$5,313	52						\$	5,313	\$	1,427	\$	3,886
1/25/2020	2	396.074	396.07	\$14.55	\$5,763							\$	5,763	\$	1,368	\$	4,395
1/25/2020	3	394.104	394.1	\$14.06	\$5,541							\$	5,541	\$	1,322	\$	4,219
1/25/2020	4	398.108	398.11	\$13.85	\$5,514							\$	5,514	\$	1,302	\$	4,212
1/25/2020	5	409.775	409.78	\$13.89	\$5,692							\$	5,692	\$	1,306	\$	4,386
1/25/2020	6	426.462	426.46	\$15.13	\$6,452							\$	6,452	\$	1,422	\$	5,030
1/25/2020	7	446.119	446.12	\$16.44	\$7,334							\$	7,334	\$	1,545	\$	5,789
1/25/2020	8	464.782	464.78	\$18.52	\$8,608							\$	8,608	\$	1,741	\$	6,867
1/25/2020	9	482.416	482.42	\$18.68	\$9,012							\$	9,012	\$	1,756	\$	7,256
1/25/2020	10	496.066	496.07	\$19.36	\$9,604							\$	9,604	\$	1,820	\$	7,784
1/25/2020	11	501.858	501.86	\$19.11	\$9,591							\$	9,591	\$	1,796	\$	7,794
1/25/2020	12	498.895	498.9	\$18.06	\$9,010							\$	9,010	\$	1,698	\$	7,312
1/25/2020	13	497.129	497.13	\$17.30	\$8,600							\$	8,600	\$	1,626	\$	6,974
1/25/2020	14	497.405	497.41	\$16.63	\$8,272							\$	8,272	\$	1,563	\$	6,709
1/25/2020	15	494.548	494.55	\$16.27	\$8,046							\$	8,046	\$	1,529	\$	6,517

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
							East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5			
1/25/2020	16	502.571	502.57	\$17.49	\$8,790								\$ 8,790	\$ 1,644	\$ 7,146
1/25/2020	17	515.312	515.31	\$19.59	\$10,095								\$ 10,095	\$ 1,841	\$ 8,253
1/25/2020	18	517.243	517.24	\$19.73	\$10,205								\$ 10,205	\$ 1,855	\$ 8,351
1/25/2020	19	509.156	509.16	\$19.25	\$9,801								\$ 9,801	\$ 1,810	\$ 7,992
1/25/2020	20	499.116	499.12	\$18.91	\$9,438								\$ 9,438	\$ 1,778	\$ 7,661
1/25/2020	21	490.419	490.42	\$17.41	\$8,538								\$ 8,538	\$ 1,637	\$ 6,902
1/25/2020	22	472.921	472.92	\$16.62	\$7,860								\$ 7,860	\$ 1,562	\$ 6,298
1/25/2020	23	455.278	455.28	\$15.22	\$6,929								\$ 6,929	\$ 1,431	\$ 5,499
1/26/2020	0	439.333	439.33	\$15.60	\$6,854								\$ 6,854	\$ 1,466	\$ 5,387
1/26/2020	1	429.356	429.36	\$15.74	\$6,758								\$ 6,758	\$ 1,480	\$ 5,279
1/26/2020	2	421.358	421.36	\$15.02	\$6,329								\$ 6,329	\$ 1,412	\$ 4,917
1/26/2020	3	419.427	419.43	\$14.48	\$6,073								\$ 6,073	\$ 1,361	\$ 4,712
1/26/2020	4	421.461	421.46	\$15.12	\$6,372								\$ 6,372	\$ 1,421	\$ 4,951
1/26/2020	5	430.415	430.42	\$15.83	\$6,814								\$ 6,814	\$ 1,488	\$ 5,326
1/26/2020	6	441.243	441.24	\$17.48	\$7,713								\$ 7,713	\$ 1,643	\$ 6,070
1/26/2020	7	455.952	455.95	\$19.24	\$8,772								\$ 8,772	\$ 1,809	\$ 6,964
1/26/2020	8	467.814	467.81	\$19.62	\$9,178								\$ 9,178	\$ 1,844	\$ 7,334
1/26/2020	9	484.698	484.7	\$19.26	\$9,335								\$ 9,335	\$ 1,810	\$ 7,525
1/26/2020	10	487.805	487.81	\$18.96	\$9,249								\$ 9,249	\$ 1,782	\$ 7,467
1/26/2020	11	483.938	483.94	\$18.33	\$8,871								\$ 8,871	\$ 1,723	\$ 7,148
1/26/2020	12	474.081	474.08	\$17.80	\$8,439								\$ 8,439	\$ 1,673	\$ 6,765
1/26/2020	13	453.305	453.31	\$17.26	\$7,824								\$ 7,824	\$ 1,622	\$ 6,202
1/26/2020	14	440.42	440.42	\$17.07	\$7,518								\$ 7,518	\$ 1,605	\$ 5,913
1/26/2020	15	439.509	439.51	\$17.36	\$7,630								\$ 7,630	\$ 1,632	\$ 5,998
1/26/2020	16	444.446	444.45	\$18.80	\$8,356								\$ 8,356	\$ 1,767	\$ 6,588
1/26/2020	17	463.202	463.2	\$22.20	\$10,283								\$ 10,283	\$ 2,087	\$ 8,196
1/26/2020	18	495.832	495.83	\$22.93	\$11,369								\$ 11,369	\$ 2,155	\$ 9,214
1/26/2020	19	502.627	502.63	\$22.56	\$11,339								\$ 11,339	\$ 2,121	\$ 9,219
1/26/2020	20	496.496	496.5	\$22.13	\$10,988								\$ 10,988	\$ 2,080	\$ 8,907
1/26/2020	21	481.534	481.53	\$20.07	\$9,664								\$ 9,664	\$ 1,887	\$ 7,778
1/26/2020	22	458.687	458.69	\$18.99	\$8,711								\$ 8,711	\$ 1,785	\$ 6,925
1/26/2020	23	442.085	442.09	\$17.52	\$7,745								\$ 7,745	\$ 1,647	\$ 6,099
1/27/2020	0	429.28	429.28	\$17.80	\$7,641								\$ 7,641	\$ 1,673	\$ 5,968
1/27/2020	1	427.416	427.42	\$17.80	\$7,608								\$ 7,608	\$ 1,673	\$ 5,935
1/27/2020	2	429.231	429.23	\$17.58	\$7,546								\$ 7,546	\$ 1,653	\$ 5,893
1/27/2020	3	434.01	434.01	\$17.77	\$7,712								\$ 7,712	\$ 1,670	\$ 6,042
1/27/2020	4	452.839	452.84	\$18.40	\$8,332								\$ 8,332	\$ 1,730	\$ 6,603
1/27/2020	5	485.341	485.34	\$22.25	\$10,799								\$ 10,799	\$ 2,092	\$ 8,707
1/27/2020	6	535.63	535.63	\$34.15	\$18,292								\$ 18,292	\$ 3,210	\$ 15,082
1/27/2020	7	566.119	566.12	\$36.35	\$20,578								\$ 20,578	\$ 3,417	\$ 17,162
1/27/2020	8	562.232	562.23	\$29.17	\$16,400								\$ 16,400	\$ 2,742	\$ 13,658
1/27/2020	9	555.162	555.16	\$31.46	\$17,465								\$ 17,465	\$ 2,957	\$ 14,508
1/27/2020	10	552.196	552.2	\$26.30	\$14,523								\$ 14,523	\$ 2,472	\$ 12,051
1/27/2020	11	534.392	534.39	\$24.81	\$13,258								\$ 13,258	\$ 2,332	\$ 10,926
1/27/2020	12	522.501	522.5	\$23.80	\$12,436								\$ 12,436	\$ 2,237	\$ 10,198
1/27/2020	13	514.704	514.7	\$23.28	\$11,982								\$ 11,982	\$ 2,188	\$ 9,794
1/27/2020	14	511.756	511.76	\$22.81	\$11,673								\$ 11,673	\$ 2,144	\$ 9,529
1/27/2020	15	518.66	518.66	\$22.59	\$11,717								\$ 11,717	\$ 2,123	\$ 9,593
1/27/2020	16	521.591	521.59	\$23.28	\$12,143								\$ 12,143	\$ 2,188	\$ 9,954
1/27/2020	17	538.239	538.24	\$29.59	\$15,927								\$ 15,927	\$ 2,781	\$ 13,145
1/27/2020	18	552.093	552.09	\$26.48	\$14,619								\$ 14,619	\$ 2,489	\$ 12,130
1/27/2020	19	551.144	551.14	\$27.09	\$14,930								\$ 14,930	\$ 2,546	\$ 12,384
1/27/2020	20	540.3	540.3	\$25.66	\$13,864								\$ 13,864	\$ 2,412	\$ 11,452
1/27/2020	21	519.669	519.67	\$23.34	\$12,129								\$ 12,129	\$ 2,194	\$ 9,935
1/27/2020	22	491.169	491.17	\$21.17	\$10,398								\$ 10,398	\$ 1,990	\$ 8,408
1/27/2020	23	467.489	467.49	\$20.31	\$9,495								\$ 9,495	\$ 1,909	\$ 7,586



Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5			
1/28/2020	0	450.778	450.78	\$18.15	\$8,182							\$ 8,182	\$ 1,706	\$ 6,476
1/28/2020	1	442.964	442.96	\$17.81	\$7,889							\$ 7,889	\$ 1,674	\$ 6,215
1/28/2020	2	437.269	437.27	\$17.87	\$7,814							\$ 7,814	\$ 1,680	\$ 6,134
1/28/2020	3	438.344	438.34	\$18.00	\$7,890							\$ 7,890	\$ 1,692	\$ 6,198
1/28/2020	4	448.083	448.08	\$18.16	\$8,137							\$ 8,137	\$ 1,707	\$ 6,430
1/28/2020	5	475.573	475.57	\$21.97	\$10,448							\$ 10,448	\$ 2,065	\$ 8,383
1/28/2020	6	516.553	516.55	\$29.02	\$14,990							\$ 14,990	\$ 2,728	\$ 12,262
1/28/2020	7	544.125	544.13	\$31.42	\$17,097							\$ 17,097	\$ 2,953	\$ 14,143
1/28/2020	8	539.435	539.44	\$29.57	\$15,951							\$ 15,951	\$ 2,780	\$ 13,172
1/28/2020	9	536.41	536.41	\$24.84	\$13,324							\$ 13,324	\$ 2,335	\$ 10,989
1/28/2020	10	537.414	537.41	\$24.70	\$13,274							\$ 13,274	\$ 2,322	\$ 10,952
1/28/2020	11	538.373	538.37	\$23.86	\$12,846							\$ 12,846	\$ 2,243	\$ 10,603
1/28/2020	12	533.412	533.41	\$23.01	\$12,274							\$ 12,274	\$ 2,163	\$ 10,111
1/28/2020	13	531.42	531.42	\$22.75	\$12,090							\$ 12,090	\$ 2,139	\$ 9,951
1/28/2020	14	531.485	531.49	\$21.63	\$11,496							\$ 11,496	\$ 2,033	\$ 9,463
1/28/2020	15	534.527	534.53	\$20.95	\$11,198							\$ 11,198	\$ 1,969	\$ 9,229
1/28/2020	16	536.484	536.48	\$22.32	\$11,974							\$ 11,974	\$ 2,098	\$ 9,876
1/28/2020	17	547.288	547.29	\$32.45	\$17,760							\$ 17,760	\$ 3,050	\$ 14,709
1/28/2020	18	558.196	558.2	\$30.11	\$16,807							\$ 16,807	\$ 2,830	\$ 13,977
1/28/2020	19	556.193	556.19	\$27.52	\$15,306							\$ 15,306	\$ 2,587	\$ 12,719
1/28/2020	20	542.27	542.27	\$26.26	\$14,240							\$ 14,240	\$ 2,468	\$ 11,772
1/28/2020	21	524.586	524.59	\$23.67	\$12,417							\$ 12,417	\$ 2,225	\$ 10,192
1/28/2020	22	495.075	495.08	\$20.57	\$10,184							\$ 10,184	\$ 1,934	\$ 8,250
1/28/2020	23	469.425	469.43	\$19.60	\$9,201							\$ 9,201	\$ 1,842	\$ 7,358
1/29/2020	0	453.613	453.61	\$20.58	\$9,335							\$ 9,335	\$ 1,935	\$ 7,401
1/29/2020	1	443.684	443.68	\$20.46	\$9,078							\$ 9,078	\$ 1,923	\$ 7,154
1/29/2020	2	437.782	437.78	\$20.21	\$8,848							\$ 8,848	\$ 1,900	\$ 6,948
1/29/2020	3	436.778	436.78	\$20.81	\$9,089							\$ 9,089	\$ 1,956	\$ 7,133
1/29/2020	4	445.582	445.58	\$21.64	\$9,642							\$ 9,642	\$ 2,034	\$ 7,608
1/29/2020	5	475.25	475.25	\$24.01	\$11,411							\$ 11,411	\$ 2,257	\$ 9,154
1/29/2020	6	519.586	519.59	\$33.35	\$17,328							\$ 17,328	\$ 3,135	\$ 14,193
1/29/2020	7	550.144	550.14	\$37.64	\$20,707							\$ 20,707	\$ 3,538	\$ 17,169
1/29/2020	8	546.473	546.47	\$29.95	\$16,367							\$ 16,367	\$ 2,815	\$ 13,551
1/29/2020	9	545.471	545.47	\$28.52	\$15,557							\$ 15,557	\$ 2,681	\$ 12,876
1/29/2020	10	547.425	547.43	\$29.40	\$16,094							\$ 16,094	\$ 2,764	\$ 13,331
1/29/2020	11	545.431	545.43	\$25.73	\$14,034							\$ 14,034	\$ 2,419	\$ 11,615
1/29/2020	12	544.622	544.62	\$24.29	\$13,229							\$ 13,229	\$ 2,283	\$ 10,946
1/29/2020	13	539.68	539.68	\$24.86	\$13,416							\$ 13,416	\$ 2,337	\$ 11,080
1/29/2020	14	536.743	536.74	\$24.35	\$13,070							\$ 13,070	\$ 2,289	\$ 10,781
1/29/2020	15	541.746	541.75	\$24.47	\$13,257							\$ 13,257	\$ 2,300	\$ 10,956
1/29/2020	16	541.866	541.87	\$25.07	\$13,585							\$ 13,585	\$ 2,357	\$ 11,228
1/29/2020	17	550.842	550.84	\$33.23	\$18,304							\$ 18,304	\$ 3,124	\$ 15,181
1/29/2020	18	561.691	561.69	\$34.21	\$19,215							\$ 19,215	\$ 3,216	\$ 16,000
1/29/2020	19	557.734	557.73	\$30.49	\$17,005							\$ 17,005	\$ 2,866	\$ 14,139
1/29/2020	20	546.917	546.92	\$30.83	\$16,862							\$ 16,862	\$ 2,898	\$ 13,964
1/29/2020	21	530.074	530.07	\$25.96	\$13,761							\$ 13,761	\$ 2,440	\$ 11,320
1/29/2020	22	500.695	500.7	\$23.07	\$11,551							\$ 11,551	\$ 2,169	\$ 9,383
1/29/2020	23	473.33	473.33	\$22.38	\$10,593							\$ 10,593	\$ 2,104	\$ 8,489
1/30/2020	0	456.6	456.6	\$21.53	\$9,831							\$ 9,831	\$ 2,024	\$ 7,807
1/30/2020	1	446.793	446.79	\$21.17	\$9,459							\$ 9,459	\$ 1,990	\$ 7,469
1/30/2020	2	442.777	442.78	\$21.29	\$9,427							\$ 9,427	\$ 2,001	\$ 7,426
1/30/2020	3	442.761	442.76	\$21.92	\$9,705							\$ 9,705	\$ 2,060	\$ 7,645
1/30/2020	4	451.516	451.52	\$21.45	\$9,685							\$ 9,685	\$ 2,016	\$ 7,669
1/30/2020	5	477.973	477.97	\$25.44	\$12,160							\$ 12,160	\$ 2,391	\$ 9,768
1/30/2020	6	521.224	521.22	\$34.90	\$18,191							\$ 18,191	\$ 3,281	\$ 14,910
1/30/2020	7	549	549	\$44.77	\$24,579							\$ 24,579	\$ 4,208	\$ 20,370

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)				
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6			
1/30/2020	8	545.186	545.19	\$32.57	\$17,757								\$	17,757	\$	3,062	\$	14,695
1/30/2020	9	542.161	542.16	\$29.33	\$15,902								\$	15,902	\$	2,757	\$	13,145
1/30/2020	10	540.978	540.98	\$29.17	\$15,780								\$	15,780	\$	2,742	\$	13,038
1/30/2020	11	533.159	533.16	\$23.91	\$12,748								\$	12,748	\$	2,248	\$	10,500
1/30/2020	12	523.454	523.45	\$22.51	\$11,783								\$	11,783	\$	2,116	\$	9,667
1/30/2020	13	516.577	516.58	\$23.59	\$12,186								\$	12,186	\$	2,217	\$	9,969
1/30/2020	14	505.783	505.78	\$23.31	\$11,790								\$	11,790	\$	2,191	\$	9,599
1/30/2020	15	504.888	504.89	\$23.21	\$11,718								\$	11,718	\$	2,182	\$	9,537
1/30/2020	16	508.821	508.82	\$24.69	\$12,563								\$	12,563	\$	2,321	\$	10,242
1/30/2020	17	522.662	522.66	\$33.18	\$17,342								\$	17,342	\$	3,119	\$	14,223
1/30/2020	18	540.412	540.41	\$32.73	\$17,688								\$	17,688	\$	3,077	\$	14,611
1/30/2020	19	543.361	543.36	\$31.26	\$16,985								\$	16,985	\$	2,938	\$	14,047
1/30/2020	20	535.4	535.4	\$29.35	\$15,714								\$	15,714	\$	2,759	\$	12,955
1/30/2020	21	520.669	520.67	\$24.23	\$12,616								\$	12,616	\$	2,278	\$	10,338
1/30/2020	22	492.058	492.06	\$22.45	\$11,047								\$	11,047	\$	2,110	\$	8,936
1/30/2020	23	467.384	467.38	\$22.00	\$10,282								\$	10,282	\$	2,068	\$	8,214
1/31/2020	0	451.542	451.54	\$20.21	\$9,126								\$	9,126	\$	1,900	\$	7,226
1/31/2020	1	439.582	439.58	\$20.23	\$8,893								\$	8,893	\$	1,902	\$	6,991
1/31/2020	2	433.596	433.6	\$19.99	\$8,668								\$	8,668	\$	1,879	\$	6,789
1/31/2020	3	432.587	432.59	\$20.80	\$8,998								\$	8,998	\$	1,955	\$	7,043
1/31/2020	4	445.423	445.42	\$21.17	\$9,430								\$	9,430	\$	1,990	\$	7,440
1/31/2020	5	470.045	470.05	\$24.08	\$11,319								\$	11,319	\$	2,264	\$	9,055
1/31/2020	6	510.4	510.4	\$33.74	\$17,221								\$	17,221	\$	3,172	\$	14,049
1/31/2020	7	537.22	537.22	\$41.26	\$22,166								\$	22,166	\$	3,878	\$	18,287
1/31/2020	8	535.203	535.2	\$29.58	\$15,831								\$	15,831	\$	2,781	\$	13,051
1/31/2020	9	538.204	538.2	\$26.25	\$14,128								\$	14,128	\$	2,468	\$	11,660
1/31/2020	10	542.011	542.01	\$26.04	\$14,114								\$	14,114	\$	2,448	\$	11,666
1/31/2020	11	542.062	542.06	\$24.08	\$13,053								\$	13,053	\$	2,264	\$	10,789
1/31/2020	12	536.22	536.22	\$23.93	\$12,832								\$	12,832	\$	2,249	\$	10,582
1/31/2020	13	529.253	529.25	\$25.43	\$13,459								\$	13,459	\$	2,390	\$	11,068
1/31/2020	14	523.434	523.43	\$24.29	\$12,714								\$	12,714	\$	2,283	\$	10,431
1/31/2020	15	517.501	517.5	\$23.60	\$12,213								\$	12,213	\$	2,218	\$	9,995
1/31/2020	16	513.511	513.51	\$24.48	\$12,571								\$	12,571	\$	2,301	\$	10,270
1/31/2020	17	520.333	520.33	\$32.00	\$16,651								\$	16,651	\$	3,008	\$	13,643
1/31/2020	18	527.259	527.26	\$31.03	\$16,361								\$	16,361	\$	2,917	\$	13,444
1/31/2020	19	520.436	520.44	\$29.34	\$15,270								\$	15,270	\$	2,758	\$	12,512
1/31/2020	20	509.69	509.69	\$23.60	\$12,029								\$	12,029	\$	2,218	\$	9,810
1/31/2020	21	493.959	493.96	\$21.50	\$10,620								\$	10,620	\$	2,021	\$	8,599
1/31/2020	22	473.218	473.22	\$20.67	\$9,781								\$	9,781	\$	1,943	\$	7,838
1/31/2020	23	452.425	452.43	\$19.67	\$8,899								\$	8,899	\$	1,849	\$	7,050
2/1/2020	0	433.62	433.62	\$19.27	\$8,356								\$	8,356	\$	1,811	\$	6,544
2/1/2020	1	417.672	417.67	\$18.51	\$7,731								\$	7,731	\$	1,740	\$	5,991
2/1/2020	2	408.675	408.68	\$17.78	\$7,266								\$	7,266	\$	1,671	\$	5,595
2/1/2020	3	410.568	410.57	\$19.75	\$8,109								\$	8,109	\$	1,857	\$	6,252
2/1/2020	4	412.518	412.52	\$19.47	\$8,032								\$	8,032	\$	1,830	\$	6,202
2/1/2020	5	421.373	421.37	\$20.01	\$8,432								\$	8,432	\$	1,881	\$	6,551
2/1/2020	6	433.257	433.26	\$22.65	\$9,813								\$	9,813	\$	2,129	\$	7,684
2/1/2020	7	451.097	451.1	\$23.94	\$10,799								\$	10,799	\$	2,250	\$	8,549
2/1/2020	8	462.982	462.98	\$24.37	\$11,283								\$	11,283	\$	2,291	\$	8,992
2/1/2020	9	475.833	475.83	\$24.20	\$11,515								\$	11,515	\$	2,275	\$	9,240
2/1/2020	10	484.722	484.72	\$24.28	\$11,769								\$	11,769	\$	2,282	\$	9,487
2/1/2020	11	480.671	480.67	\$23.34	\$11,219								\$	11,219	\$	2,194	\$	9,025
2/1/2020	12	472.754	472.75	\$20.61	\$9,743								\$	9,743	\$	1,937	\$	7,806
2/1/2020	13	468.75	468.75	\$19.42	\$9,103								\$	9,103	\$	1,825	\$	7,278
2/1/2020	14	460.723	460.72	\$18.64	\$8,588								\$	8,588	\$	1,752	\$	6,836
2/1/2020	15	462.563	462.56	\$19.61	\$9,071								\$	9,071	\$	1,843	\$	7,227

**Hourly Purchase Energy Expense Detail - 2019 & 2020**

Generator Output (MW)

Date	Hour	Customer	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
2/1/2020	16	462.525	462.53	\$20.47	\$9,468								\$ 9,468	\$ 1,924	\$ 7,544
2/1/2020	17	470.352	470.35	\$24.98	\$11,749								\$ 11,749	\$ 2,348	\$ 9,401
2/1/2020	18	483.061	483.06	\$24.40	\$11,787								\$ 11,787	\$ 2,294	\$ 9,493
2/1/2020	19	483.278	483.28	\$21.71	\$10,492								\$ 10,492	\$ 2,041	\$ 8,451
2/1/2020	20	476.342	476.34	\$20.55	\$9,789								\$ 9,789	\$ 1,932	\$ 7,857
2/1/2020	21	465.45	465.45	\$19.50	\$9,076								\$ 9,076	\$ 1,833	\$ 7,243
2/1/2020	22	448.611	448.61	\$18.31	\$8,214								\$ 8,214	\$ 1,721	\$ 6,493
2/1/2020	23	427.776	427.78	\$17.46	\$7,469								\$ 7,469	\$ 1,641	\$ 5,828
2/2/2020	0	414.995	415	\$16.35	\$6,785								\$ 6,785	\$ 1,537	\$ 5,248
2/2/2020	1	405.091	405.09	\$16.09	\$6,518								\$ 6,518	\$ 1,512	\$ 5,005
2/2/2020	2	398.048	398.05	\$16.00	\$6,369								\$ 6,369	\$ 1,504	\$ 4,865
2/2/2020	3	397.018	397.02	\$15.84	\$6,289								\$ 6,289	\$ 1,489	\$ 4,800
2/2/2020	4	402.805	402.81	\$16.17	\$6,513								\$ 6,513	\$ 1,520	\$ 4,993
2/2/2020	5	413.622	413.62	\$16.35	\$6,763								\$ 6,763	\$ 1,537	\$ 5,226
2/2/2020	6	427.343	427.34	\$18.51	\$7,910								\$ 7,910	\$ 1,740	\$ 6,170
2/2/2020	7	444.015	444.02	\$19.71	\$8,752								\$ 8,752	\$ 1,853	\$ 6,899
2/2/2020	8	448.939	448.94	\$19.26	\$8,647								\$ 8,647	\$ 1,810	\$ 6,836
2/2/2020	9	459.992	459.99	\$18.97	\$8,726								\$ 8,726	\$ 1,783	\$ 6,943
2/2/2020	10	448.279	448.28	\$18.60	\$8,338								\$ 8,338	\$ 1,748	\$ 6,590
2/2/2020	11	432.46	432.46	\$17.13	\$7,408								\$ 7,408	\$ 1,610	\$ 5,798
2/2/2020	12	423.74	423.74	\$15.68	\$6,644								\$ 6,644	\$ 1,474	\$ 5,170
2/2/2020	13	411.009	411.01	\$15.76	\$6,478								\$ 6,478	\$ 1,481	\$ 4,996
2/2/2020	14	401.258	401.26	\$15.41	\$6,183								\$ 6,183	\$ 1,449	\$ 4,735
2/2/2020	15	400.27	400.27	\$16.84	\$6,741								\$ 6,741	\$ 1,583	\$ 5,158
2/2/2020	16	405.073	405.07	\$18.81	\$7,619								\$ 7,619	\$ 1,768	\$ 5,851
2/2/2020	17	413.893	413.89	\$21.46	\$8,882								\$ 8,882	\$ 2,017	\$ 6,865
2/2/2020	18	427.869	427.87	\$22.44	\$9,601								\$ 9,601	\$ 2,109	\$ 7,492
2/2/2020	19	423.971	423.97	\$20.40	\$8,649								\$ 8,649	\$ 1,918	\$ 6,731
2/2/2020	20	418.101	418.1	\$19.76	\$8,262								\$ 8,262	\$ 1,857	\$ 6,404
2/2/2020	21	408.345	408.35	\$18.93	\$7,730								\$ 7,730	\$ 1,779	\$ 5,951
2/2/2020	22	397.671	397.67	\$17.16	\$6,824								\$ 6,824	\$ 1,613	\$ 5,211
2/2/2020	23	381.883	381.88	\$15.46	\$5,904								\$ 5,904	\$ 1,453	\$ 4,451
2/3/2020	0	365.041	365.04	\$15.09	\$5,508								\$ 5,508	\$ 1,418	\$ 4,090
2/3/2020	1	357.25	357.25	\$14.32	\$5,116								\$ 5,116	\$ 1,346	\$ 3,770
2/3/2020	2	356.185	356.19	\$13.88	\$4,944								\$ 4,944	\$ 1,305	\$ 3,639
2/3/2020	3	359.147	359.15	\$17.44	\$6,264								\$ 6,264	\$ 1,639	\$ 4,624
2/3/2020	4	377.848	377.85	\$18.50	\$6,990								\$ 6,990	\$ 1,739	\$ 5,251
2/3/2020	5	406.365	406.37	\$20.33	\$8,262								\$ 8,262	\$ 1,911	\$ 6,350
2/3/2020	6	452.791	452.79	\$30.35	\$13,742								\$ 13,742	\$ 2,853	\$ 10,889
2/3/2020	7	485.264	485.26	\$29.27	\$14,204								\$ 14,204	\$ 2,751	\$ 11,452
2/3/2020	8	480.25	480.25	\$21.82	\$10,479								\$ 10,479	\$ 2,051	\$ 8,428
2/3/2020	9	478.43	478.43	\$22.25	\$10,645								\$ 10,645	\$ 2,092	\$ 8,554
2/3/2020	10	476.673	476.67	\$21.99	\$10,482								\$ 10,482	\$ 2,067	\$ 8,415
2/3/2020	11	470.757	470.76	\$20.34	\$9,575								\$ 9,575	\$ 1,912	\$ 7,663
2/3/2020	12	463.884	463.88	\$19.95	\$9,254								\$ 9,254	\$ 1,875	\$ 7,379
2/3/2020	13	457.852	457.85	\$19.64	\$8,992								\$ 8,992	\$ 1,846	\$ 7,146
2/3/2020	14	451.026	451.03	\$19.09	\$8,610								\$ 8,610	\$ 1,794	\$ 6,816
2/3/2020	15	452.032	452.03	\$22.68	\$10,252								\$ 10,252	\$ 2,132	\$ 8,120
2/3/2020	16	446.026	446.03	\$23.83	\$10,629								\$ 10,629	\$ 2,240	\$ 8,389
2/3/2020	17	452.78	452.78	\$25.55	\$11,569								\$ 11,569	\$ 2,402	\$ 9,167
2/3/2020	18	474.496	474.5	\$25.92	\$12,299								\$ 12,299	\$ 2,436	\$ 9,863
2/3/2020	19	473.537	473.54	\$21.61	\$10,233								\$ 10,233	\$ 2,031	\$ 8,202
2/3/2020	20	461.55	461.55	\$20.66	\$9,536								\$ 9,536	\$ 1,942	\$ 7,594
2/3/2020	21	441.917	441.92	\$18.49	\$8,171								\$ 8,171	\$ 1,738	\$ 6,433
2/3/2020	22	413.51	413.51	\$16.35	\$6,761								\$ 6,761	\$ 1,537	\$ 5,224
2/3/2020	23	386.013	386.01	\$15.30	\$5,906								\$ 5,906	\$ 1,438	\$ 4,468

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)			
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6		
2/4/2020	0	368.071	368.07	\$14.08	\$5,182							\$	5,182	\$	1,324	\$	3,859
2/4/2020	1	357.234	357.23	\$13.70	\$4,894							\$	4,894	\$	1,288	\$	3,606
2/4/2020	2	347.419	347.42	\$13.19	\$4,582							\$	4,582	\$	1,240	\$	3,343
2/4/2020	3	344.437	344.44	\$13.20	\$4,547							\$	4,547	\$	1,241	\$	3,306
2/4/2020	4	354.382	354.38	\$14.13	\$5,007							\$	5,007	\$	1,328	\$	3,679
2/4/2020	5	380.078	380.08	\$15.37	\$5,842							\$	5,842	\$	1,445	\$	4,397
2/4/2020	6	425.15	425.15	\$20.29	\$8,626							\$	8,626	\$	1,907	\$	6,719
2/4/2020	7	448.767	448.77	\$21.08	\$9,460							\$	9,460	\$	1,982	\$	7,479
2/4/2020	8	442.916	442.92	\$20.23	\$8,960							\$	8,960	\$	1,902	\$	7,059
2/4/2020	9	459.834	459.83	\$19.35	\$8,898							\$	8,898	\$	1,819	\$	7,079
2/4/2020	10	461.744	461.74	\$19.54	\$9,022							\$	9,022	\$	1,837	\$	7,186
2/4/2020	11	460.825	460.83	\$18.77	\$8,650							\$	8,650	\$	1,764	\$	6,885
2/4/2020	12	462.839	462.84	\$18.53	\$8,576							\$	8,576	\$	1,742	\$	6,835
2/4/2020	13	460.831	460.83	\$18.66	\$8,599							\$	8,599	\$	1,754	\$	6,845
2/4/2020	14	458.83	458.83	\$18.09	\$8,300							\$	8,300	\$	1,700	\$	6,600
2/4/2020	15	454.844	454.84	\$19.09	\$8,683							\$	8,683	\$	1,794	\$	6,888
2/4/2020	16	453.74	453.74	\$21.82	\$9,901							\$	9,901	\$	2,051	\$	7,850
2/4/2020	17	468.519	468.52	\$23.57	\$11,043							\$	11,043	\$	2,216	\$	8,827
2/4/2020	18	486.105	486.11	\$25.98	\$12,629							\$	12,629	\$	2,442	\$	10,187
2/4/2020	19	491.95	491.95	\$20.85	\$10,257							\$	10,257	\$	1,960	\$	8,297
2/4/2020	20	489.995	490	\$20.70	\$10,143							\$	10,143	\$	1,946	\$	8,197
2/4/2020	21	474.203	474.2	\$19.44	\$9,218							\$	9,218	\$	1,827	\$	7,391
2/4/2020	22	463.503	463.5	\$17.26	\$8,000							\$	8,000	\$	1,622	\$	6,378
2/4/2020	23	443.872	443.87	\$15.44	\$6,853							\$	6,853	\$	1,451	\$	5,402
2/5/2020	0	430.15	430.15	\$14.78	\$6,358							\$	6,358	\$	1,389	\$	4,968
2/5/2020	1	423.245	423.25	\$14.31	\$6,057							\$	6,057	\$	1,345	\$	4,712
2/5/2020	2	421.276	421.28	\$13.77	\$5,801							\$	5,801	\$	1,294	\$	4,507
2/5/2020	3	422.192	422.19	\$13.91	\$5,873							\$	5,873	\$	1,308	\$	4,565
2/5/2020	4	434.275	434.28	\$15.02	\$6,523							\$	6,523	\$	1,412	\$	5,111
2/5/2020	5	465.812	465.81	\$17.41	\$8,110							\$	8,110	\$	1,637	\$	6,473
2/5/2020	6	518.731	518.73	\$23.14	\$12,003							\$	12,003	\$	2,175	\$	9,828
2/5/2020	7	553.363	553.36	\$23.00	\$12,727							\$	12,727	\$	2,162	\$	10,565
2/5/2020	8	546.565	546.57	\$22.01	\$12,030							\$	12,030	\$	2,069	\$	9,961
2/5/2020	9	542.63	542.63	\$21.81	\$11,835							\$	11,835	\$	2,050	\$	9,785
2/5/2020	10	543.597	543.6	\$22.32	\$12,133							\$	12,133	\$	2,098	\$	10,035
2/5/2020	11	539.534	539.53	\$22.43	\$12,102							\$	12,102	\$	2,108	\$	9,993
2/5/2020	12	537.552	537.55	\$21.69	\$11,659							\$	11,659	\$	2,039	\$	9,621
2/5/2020	13	533.587	533.59	\$21.19	\$11,307							\$	11,307	\$	1,992	\$	9,315
2/5/2020	14	534.479	534.48	\$20.44	\$10,925							\$	10,925	\$	1,921	\$	9,003
2/5/2020	15	538.317	538.32	\$20.62	\$11,100							\$	11,100	\$	1,938	\$	9,162
2/5/2020	16	541.131	541.13	\$21.93	\$11,867							\$	11,867	\$	2,061	\$	9,806
2/5/2020	17	551.817	551.82	\$24.47	\$13,503							\$	13,503	\$	2,300	\$	11,203
2/5/2020	18	562.753	562.75	\$26.46	\$14,890							\$	14,890	\$	2,487	\$	12,403
2/5/2020	19	563.046	563.05	\$22.63	\$12,742							\$	12,742	\$	2,127	\$	10,615
2/5/2020	20	553.538	553.54	\$22.54	\$12,477							\$	12,477	\$	2,119	\$	10,358
2/5/2020	21	534.949	534.95	\$20.45	\$10,940							\$	10,940	\$	1,922	\$	9,017
2/5/2020	22	503.392	503.39	\$19.31	\$9,720							\$	9,720	\$	1,815	\$	7,905
2/5/2020	23	475.749	475.75	\$17.37	\$8,264							\$	8,264	\$	1,633	\$	6,631
2/6/2020	0	460.13	460.13	\$18.03	\$8,296							\$	8,296	\$	1,695	\$	6,601
2/6/2020	1	446.315	446.32	\$17.70	\$7,900							\$	7,900	\$	1,664	\$	6,236
2/6/2020	2	441.277	441.28	\$16.49	\$7,277							\$	7,277	\$	1,550	\$	5,727
2/6/2020	3	441.128	441.13	\$16.42	\$7,243							\$	7,243	\$	1,543	\$	5,700
2/6/2020	4	454.877	454.88	\$17.86	\$8,124							\$	8,124	\$	1,679	\$	6,445
2/6/2020	5	481.435	481.44	\$21.27	\$10,240							\$	10,240	\$	1,999	\$	8,241
2/6/2020	6	530.608	530.61	\$29.30	\$15,547							\$	15,547	\$	2,754	\$	12,793
2/6/2020	7	559.355	559.36	\$28.54	\$15,964							\$	15,964	\$	2,683	\$	13,281

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
2/6/2020	8	558.273	558.27	\$27.08	\$15,118									\$ 15,118	\$ 2,546	\$ 12,572
2/6/2020	9	552.287	552.29	\$24.60	\$13,586									\$ 13,586	\$ 2,312	\$ 11,274
2/6/2020	10	557.239	557.24	\$24.84	\$13,842									\$ 13,842	\$ 2,335	\$ 11,507
2/6/2020	11	553.277	553.28	\$26.56	\$14,695									\$ 14,695	\$ 2,497	\$ 12,198
2/6/2020	12	550.29	550.29	\$22.51	\$12,387									\$ 12,387	\$ 2,116	\$ 10,271
2/6/2020	13	545.364	545.36	\$22.07	\$12,036									\$ 12,036	\$ 2,075	\$ 9,962
2/6/2020	14	552.436	552.44	\$20.97	\$11,585									\$ 11,585	\$ 1,971	\$ 9,613
2/6/2020	15	560.365	560.37	\$23.48	\$13,157									\$ 13,157	\$ 2,207	\$ 10,950
2/6/2020	16	564.301	564.3	\$25.63	\$14,463									\$ 14,463	\$ 2,409	\$ 12,054
2/6/2020	17	566.067	566.07	\$30.48	\$17,254									\$ 17,254	\$ 2,865	\$ 14,389
2/6/2020	18	577.894	577.89	\$32.30	\$18,666									\$ 18,666	\$ 3,036	\$ 15,630
2/6/2020	19	577.925	577.93	\$25.82	\$14,922									\$ 14,922	\$ 2,427	\$ 12,495
2/6/2020	20	567.992	567.99	\$23.61	\$13,410									\$ 13,410	\$ 2,219	\$ 11,191
2/6/2020	21	551.298	551.3	\$20.96	\$11,555									\$ 11,555	\$ 1,970	\$ 9,585
2/6/2020	22	521.714	521.71	\$19.50	\$10,173									\$ 10,173	\$ 1,833	\$ 8,340
2/6/2020	23	498.03	498.03	\$18.25	\$9,089									\$ 9,089	\$ 1,716	\$ 7,374
2/7/2020	0	481.299	481.3	\$18.11	\$8,716									\$ 8,716	\$ 1,702	\$ 7,014
2/7/2020	1	474.382	474.38	\$18.06	\$8,567									\$ 8,567	\$ 1,698	\$ 6,870
2/7/2020	2	470.336	470.34	\$17.80	\$8,372									\$ 8,372	\$ 1,673	\$ 6,699
2/7/2020	3	468.501	468.5	\$17.80	\$8,339									\$ 8,339	\$ 1,673	\$ 6,666
2/7/2020	4	481.513	481.51	\$19.41	\$9,346									\$ 9,346	\$ 1,825	\$ 7,522
2/7/2020	5	506.118	506.12	\$20.94	\$10,598									\$ 10,598	\$ 1,968	\$ 8,630
2/7/2020	6	543.538	543.54	\$28.20	\$15,328									\$ 15,328	\$ 2,651	\$ 12,677
2/7/2020	7	571.055	571.06	\$30.14	\$17,212									\$ 17,212	\$ 2,833	\$ 14,379
2/7/2020	8	576.944	576.94	\$26.46	\$15,266									\$ 15,266	\$ 2,487	\$ 12,779
2/7/2020	9	573.033	573.03	\$25.53	\$14,629									\$ 14,629	\$ 2,400	\$ 12,230
2/7/2020	10	576.982	576.98	\$26.12	\$15,071									\$ 15,071	\$ 2,455	\$ 12,615
2/7/2020	11	572.151	572.15	\$24.68	\$14,121									\$ 14,121	\$ 2,320	\$ 11,801
2/7/2020	12	565.217	565.22	\$23.76	\$13,430									\$ 13,430	\$ 2,233	\$ 11,196
2/7/2020	13	553.407	553.41	\$23.02	\$12,739									\$ 12,739	\$ 2,164	\$ 10,576
2/7/2020	14	554.436	554.44	\$22.09	\$12,248									\$ 12,248	\$ 2,076	\$ 10,171
2/7/2020	15	554.422	554.42	\$22.00	\$12,197									\$ 12,197	\$ 2,068	\$ 10,129
2/7/2020	16	545.498	545.5	\$22.97	\$12,530									\$ 12,530	\$ 2,159	\$ 10,371
2/7/2020	17	545.378	545.38	\$26.70	\$14,562									\$ 14,562	\$ 2,510	\$ 12,052
2/7/2020	18	563.018	563.02	\$30.39	\$17,110									\$ 17,110	\$ 2,857	\$ 14,254
2/7/2020	19	562.114	562.11	\$26.19	\$14,722									\$ 14,722	\$ 2,462	\$ 12,260
2/7/2020	20	555.197	555.2	\$25.09	\$13,930									\$ 13,930	\$ 2,358	\$ 11,572
2/7/2020	21	541.313	541.31	\$23.89	\$12,932									\$ 12,932	\$ 2,246	\$ 10,686
2/7/2020	22	521.722	521.72	\$22.79	\$11,890									\$ 11,890	\$ 2,142	\$ 9,748
2/7/2020	23	503.945	503.95	\$20.35	\$10,255									\$ 10,255	\$ 1,913	\$ 8,342
2/8/2020	0	490.012	490.01	\$20.06	\$9,830									\$ 9,830	\$ 1,886	\$ 7,944
2/8/2020	1	478.161	478.16	\$19.86	\$9,496									\$ 9,496	\$ 1,867	\$ 7,629
2/8/2020	2	473.174	473.17	\$19.92	\$9,426									\$ 9,426	\$ 1,872	\$ 7,553
2/8/2020	3	470.182	470.18	\$19.81	\$9,314									\$ 9,314	\$ 1,862	\$ 7,452
2/8/2020	4	473.11	473.11	\$20.05	\$9,486									\$ 9,486	\$ 1,885	\$ 7,601
2/8/2020	5	482.939	482.94	\$20.92	\$10,103									\$ 10,103	\$ 1,966	\$ 8,137
2/8/2020	6	495.695	495.7	\$23.60	\$11,699									\$ 11,699	\$ 2,218	\$ 9,480
2/8/2020	7	515.538	515.54	\$25.80	\$13,301									\$ 13,301	\$ 2,425	\$ 10,876
2/8/2020	8	527.406	527.41	\$25.69	\$13,549									\$ 13,549	\$ 2,415	\$ 11,134
2/8/2020	9	536.363	536.36	\$25.96	\$13,924									\$ 13,924	\$ 2,440	\$ 11,484
2/8/2020	10	542.401	542.4	\$24.21	\$13,132									\$ 13,132	\$ 2,276	\$ 10,856
2/8/2020	11	535.459	535.46	\$22.64	\$12,123									\$ 12,123	\$ 2,128	\$ 9,995
2/8/2020	12	524.625	524.63	\$20.65	\$10,834									\$ 10,834	\$ 1,941	\$ 8,893
2/8/2020	13	516.678	516.68	\$20.48	\$10,582									\$ 10,582	\$ 1,925	\$ 8,656
2/8/2020	14	514.682	514.68	\$20.26	\$10,427									\$ 10,427	\$ 1,904	\$ 8,523
2/8/2020	15	511.729	511.73	\$20.68	\$10,583									\$ 10,583	\$ 1,944	\$ 8,639

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
2/8/2020	16	514.612	514.61	\$20.72	\$10,663								\$ 10,663	\$ 1,948	\$ 8,715
2/8/2020	17	519.407	519.41	\$24.47	\$12,710								\$ 12,710	\$ 2,300	\$ 10,410
2/8/2020	18	532.21	532.21	\$26.08	\$13,880								\$ 13,880	\$ 2,452	\$ 11,429
2/8/2020	19	526.321	526.32	\$23.34	\$12,284								\$ 12,284	\$ 2,194	\$ 10,090
2/8/2020	20	519.496	519.5	\$22.42	\$11,647								\$ 11,647	\$ 2,107	\$ 9,540
2/8/2020	21	506.651	506.65	\$21.01	\$10,645								\$ 10,645	\$ 1,975	\$ 8,670
2/8/2020	22	487.84	487.84	\$19.51	\$9,518								\$ 9,518	\$ 1,834	\$ 7,684
2/8/2020	23	468.993	468.99	\$19.11	\$8,962								\$ 8,962	\$ 1,796	\$ 7,166
2/9/2020	0	457.389	457.39	\$17.59	\$8,045								\$ 8,045	\$ 1,653	\$ 6,392
2/9/2020	1	448.697	448.7	\$16.95	\$7,605								\$ 7,605	\$ 1,593	\$ 6,012
2/9/2020	2	443.866	443.87	\$16.10	\$7,146								\$ 7,146	\$ 1,513	\$ 5,633
2/9/2020	3	446.738	446.74	\$16.22	\$7,246								\$ 7,246	\$ 1,525	\$ 5,721
2/9/2020	4	454.542	454.54	\$16.21	\$7,368								\$ 7,368	\$ 1,524	\$ 5,844
2/9/2020	5	467.285	467.29	\$17.61	\$8,229								\$ 8,229	\$ 1,655	\$ 6,574
2/9/2020	6	479.747	479.75	\$19.08	\$9,154								\$ 9,154	\$ 1,794	\$ 7,360
2/9/2020	7	493.306	493.31	\$20.34	\$10,034								\$ 10,034	\$ 1,912	\$ 8,122
2/9/2020	8	502.803	502.8	\$20.20	\$10,157								\$ 10,157	\$ 1,899	\$ 8,258
2/9/2020	9	512.029	512.03	\$19.13	\$9,795								\$ 9,795	\$ 1,798	\$ 7,997
2/9/2020	10	517.384	517.38	\$17.87	\$9,246								\$ 9,246	\$ 1,680	\$ 7,566
2/9/2020	11	517.749	517.75	\$16.71	\$8,652								\$ 8,652	\$ 1,571	\$ 7,081
2/9/2020	12	512.043	512.04	\$16.17	\$8,280								\$ 8,280	\$ 1,520	\$ 6,760
2/9/2020	13	506.252	506.25	\$15.67	\$7,933								\$ 7,933	\$ 1,473	\$ 6,460
2/9/2020	14	509.171	509.17	\$15.64	\$7,963								\$ 7,963	\$ 1,470	\$ 6,493
2/9/2020	15	507.168	507.17	\$15.24	\$7,729								\$ 7,729	\$ 1,433	\$ 6,297
2/9/2020	16	512.071	512.07	\$15.90	\$8,142								\$ 8,142	\$ 1,495	\$ 6,647
2/9/2020	17	511.962	511.96	\$20.50	\$10,495								\$ 10,495	\$ 1,927	\$ 8,568
2/9/2020	18	524.612	524.61	\$21.15	\$11,096								\$ 11,096	\$ 1,988	\$ 9,107
2/9/2020	19	520.598	520.6	\$20.40	\$10,620								\$ 10,620	\$ 1,918	\$ 8,703
2/9/2020	20	507.661	507.66	\$19.35	\$9,823								\$ 9,823	\$ 1,819	\$ 8,004
2/9/2020	21	486.15	486.15	\$17.96	\$8,731								\$ 8,731	\$ 1,688	\$ 7,043
2/9/2020	22	459.848	459.85	\$16.28	\$7,486								\$ 7,486	\$ 1,530	\$ 5,956
2/9/2020	23	436.322	436.32	\$15.28	\$6,667								\$ 6,667	\$ 1,436	\$ 5,231
2/10/2020	0	419.672	419.67	\$15.59	\$6,543								\$ 6,543	\$ 1,465	\$ 5,077
2/10/2020	1	409.854	409.85	\$15.69	\$6,431								\$ 6,431	\$ 1,475	\$ 4,956
2/10/2020	2	403.95	403.95	\$15.31	\$6,184								\$ 6,184	\$ 1,439	\$ 4,745
2/10/2020	3	399.056	399.06	\$15.55	\$6,205								\$ 6,205	\$ 1,462	\$ 4,744
2/10/2020	4	410.998	411	\$15.90	\$6,535								\$ 6,535	\$ 1,495	\$ 5,040
2/10/2020	5	433.623	433.62	\$18.15	\$7,870								\$ 7,870	\$ 1,706	\$ 6,164
2/10/2020	6	476.876	476.88	\$23.95	\$11,421								\$ 11,421	\$ 2,251	\$ 9,170
2/10/2020	7	506.182	506.18	\$24.98	\$12,644								\$ 12,644	\$ 2,348	\$ 10,296
2/10/2020	8	501.129	501.13	\$23.75	\$11,902								\$ 11,902	\$ 2,233	\$ 9,669
2/10/2020	9	505.828	505.83	\$22.92	\$11,594								\$ 11,594	\$ 2,154	\$ 9,439
2/10/2020	10	507.612	507.61	\$23.30	\$11,827								\$ 11,827	\$ 2,190	\$ 9,637
2/10/2020	11	509.564	509.56	\$22.76	\$11,598								\$ 11,598	\$ 2,139	\$ 9,458
2/10/2020	12	510.52	510.52	\$20.84	\$10,639								\$ 10,639	\$ 1,959	\$ 8,680
2/10/2020	13	509.584	509.58	\$20.64	\$10,518								\$ 10,518	\$ 1,940	\$ 8,578
2/10/2020	14	508.554	508.55	\$20.26	\$10,303								\$ 10,303	\$ 1,904	\$ 8,399
2/10/2020	15	510.462	510.46	\$22.77	\$11,623								\$ 11,623	\$ 2,140	\$ 9,483
2/10/2020	16	513.644	513.64	\$23.45	\$12,045								\$ 12,045	\$ 2,204	\$ 9,841
2/10/2020	17	523.483	523.48	\$27.60	\$14,448								\$ 14,448	\$ 2,594	\$ 11,854
2/10/2020	18	537.274	537.27	\$30.83	\$16,564								\$ 16,564	\$ 2,898	\$ 13,666
2/10/2020	19	537.28	537.28	\$23.53	\$12,642								\$ 12,642	\$ 2,212	\$ 10,430
2/10/2020	20	528.367	528.37	\$22.96	\$12,131								\$ 12,131	\$ 2,158	\$ 9,973
2/10/2020	21	509.702	509.7	\$20.72	\$10,561								\$ 10,561	\$ 1,948	\$ 8,613
2/10/2020	22	482.168	482.17	\$19.05	\$9,185								\$ 9,185	\$ 1,791	\$ 7,395
2/10/2020	23	458.563	458.56	\$16.72	\$7,667								\$ 7,667	\$ 1,572	\$ 6,095

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
							East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5			
2/11/2020	0	443.813	443.81	\$15.93	\$7,070								\$ 7,070	\$ 1,497	\$ 5,572
2/11/2020	1	434.906	434.91	\$15.63	\$6,798								\$ 6,798	\$ 1,469	\$ 5,328
2/11/2020	2	430.907	430.91	\$14.84	\$6,395								\$ 6,395	\$ 1,395	\$ 5,000
2/11/2020	3	431.794	431.79	\$14.65	\$6,326								\$ 6,326	\$ 1,377	\$ 4,949
2/11/2020	4	442.702	442.7	\$18.23	\$8,070								\$ 8,070	\$ 1,714	\$ 6,357
2/11/2020	5	470.243	470.24	\$19.77	\$9,297								\$ 9,297	\$ 1,858	\$ 7,438
2/11/2020	6	517.355	517.36	\$25.63	\$13,260								\$ 13,260	\$ 2,409	\$ 10,851
2/11/2020	7	549.852	549.85	\$27.46	\$15,099								\$ 15,099	\$ 2,581	\$ 12,518
2/11/2020	8	549.845	549.85	\$25.86	\$14,219								\$ 14,219	\$ 2,431	\$ 11,788
2/11/2020	9	544.872	544.87	\$23.02	\$12,543								\$ 12,543	\$ 2,164	\$ 10,379
2/11/2020	10	543.848	543.85	\$22.75	\$12,373								\$ 12,373	\$ 2,139	\$ 10,234
2/11/2020	11	535.957	535.96	\$21.94	\$11,759								\$ 11,759	\$ 2,062	\$ 9,697
2/11/2020	12	527.035	527.04	\$20.18	\$10,636								\$ 10,636	\$ 1,897	\$ 8,739
2/11/2020	13	521.183	521.18	\$19.83	\$10,335								\$ 10,335	\$ 1,864	\$ 8,471
2/11/2020	14	514.282	514.28	\$18.73	\$9,632								\$ 9,632	\$ 1,761	\$ 7,872
2/11/2020	15	518.209	518.21	\$18.92	\$9,805								\$ 9,805	\$ 1,778	\$ 8,026
2/11/2020	16	515.26	515.26	\$20.02	\$10,316								\$ 10,316	\$ 1,882	\$ 8,434
2/11/2020	17	526.091	526.09	\$23.21	\$12,211								\$ 12,211	\$ 2,182	\$ 10,029
2/11/2020	18	545.847	545.85	\$23.92	\$13,057								\$ 13,057	\$ 2,248	\$ 10,808
2/11/2020	19	549.734	549.73	\$23.32	\$12,820								\$ 12,820	\$ 2,192	\$ 10,628
2/11/2020	20	540.785	540.79	\$22.02	\$11,908								\$ 11,908	\$ 2,070	\$ 9,838
2/11/2020	21	520.945	520.95	\$19.86	\$10,346								\$ 10,346	\$ 1,867	\$ 8,479
2/11/2020	22	495.073	495.07	\$18.39	\$9,104								\$ 9,104	\$ 1,729	\$ 7,376
2/11/2020	23	473.646	473.65	\$16.38	\$7,758								\$ 7,758	\$ 1,540	\$ 6,219
2/12/2020	0	460.203	460.2	\$15.31	\$7,046								\$ 7,046	\$ 1,439	\$ 5,607
2/12/2020	1	454.416	454.42	\$15.51	\$7,048								\$ 7,048	\$ 1,458	\$ 5,590
2/12/2020	2	451.409	451.41	\$14.81	\$6,685								\$ 6,685	\$ 1,392	\$ 5,293
2/12/2020	3	451.072	451.07	\$15.31	\$6,906								\$ 6,906	\$ 1,439	\$ 5,467
2/12/2020	4	464.843	464.84	\$16.83	\$7,823								\$ 7,823	\$ 1,582	\$ 6,241
2/12/2020	5	494.255	494.26	\$19.99	\$9,880								\$ 9,880	\$ 1,879	\$ 8,001
2/12/2020	6	540.161	540.16	\$26.09	\$14,093								\$ 14,093	\$ 2,452	\$ 11,640
2/12/2020	7	570.568	570.57	\$27.04	\$15,428								\$ 15,428	\$ 2,542	\$ 12,886
2/12/2020	8	561.349	561.35	\$25.09	\$14,084								\$ 14,084	\$ 2,358	\$ 11,726
2/12/2020	9	550.455	550.46	\$23.24	\$12,793								\$ 12,793	\$ 2,185	\$ 10,608
2/12/2020	10	549.574	549.57	\$22.99	\$12,635								\$ 12,635	\$ 2,161	\$ 10,474
2/12/2020	11	540.875	540.88	\$21.79	\$11,786								\$ 11,786	\$ 2,048	\$ 9,738
2/12/2020	12	540.852	540.85	\$20.62	\$11,152								\$ 11,152	\$ 1,938	\$ 9,214
2/12/2020	13	538.784	538.78	\$20.27	\$10,921								\$ 10,921	\$ 1,905	\$ 9,016
2/12/2020	14	543.731	543.73	\$20.17	\$10,967								\$ 10,967	\$ 1,896	\$ 9,071
2/12/2020	15	548.854	548.85	\$22.41	\$12,300								\$ 12,300	\$ 2,107	\$ 10,193
2/12/2020	16	552.883	552.88	\$22.99	\$12,711								\$ 12,711	\$ 2,161	\$ 10,550
2/12/2020	17	568.687	568.69	\$25.80	\$14,672								\$ 14,672	\$ 2,425	\$ 12,247
2/12/2020	18	579.453	579.45	\$25.45	\$14,747								\$ 14,747	\$ 2,392	\$ 12,355
2/12/2020	19	579.371	514.37	\$23.23	\$11,949	65							\$ 11,949	\$ 2,184	\$ 9,765
2/12/2020	20	569.438	386.44	\$22.07	\$8,529	183							\$ 8,529	\$ 2,075	\$ 6,454
2/12/2020	21	541.828	305.83	\$19.51	\$5,967	236							\$ 5,967	\$ 1,834	\$ 4,133
2/12/2020	22	513.481	247.48	\$18.17	\$4,497	266							\$ 4,497	\$ 1,708	\$ 2,789
2/12/2020	23	484.947	197.95	\$17.06	\$3,377	287							\$ 3,377	\$ 1,604	\$ 1,773
2/13/2020	0	467.524	177.52	\$15.64	\$2,776	290							\$ 2,776	\$ 1,470	\$ 1,306
2/13/2020	1	454.062	176.06	\$15.25	\$2,685	278							\$ 2,685	\$ 1,434	\$ 1,251
2/13/2020	2	445.245	157.25	\$14.27	\$2,244	288							\$ 2,244	\$ 1,341	\$ 903
2/13/2020	3	443.236	155.24	\$13.77	\$2,138	288							\$ 2,138	\$ 1,294	\$ 843
2/13/2020	4	452.092	164.09	\$16.29	\$2,673	288							\$ 2,673	\$ 1,531	\$ 1,142
2/13/2020	5	479.649	192.65	\$17.94	\$3,456	287							\$ 3,456	\$ 1,686	\$ 1,770
2/13/2020	6	522.692	232.69	\$23.43	\$5,452	290							\$ 5,452	\$ 2,202	\$ 3,250
2/13/2020	7	549.318	234.32	\$25.34	\$5,938	315							\$ 5,938	\$ 2,382	\$ 3,556

**Hourly Purchase Energy Expense Detail - 2019 & 2020**

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
2/13/2020	8	549.945	130.95	\$23.78	\$3,114	329		65	25				\$ 3,114	\$ 2,235	\$ 879
2/13/2020	9	547.704	88.7	\$21.95	\$1,947	292		86	81				\$ 1,947	\$ 1,947	\$ -
2/13/2020	10	550.651	74.65	\$22.14	\$1,653	300		91	85				\$ 1,653	\$ 1,653	\$ -
2/13/2020	11	549.077	65.08	\$21.79	\$1,418	333		60	91				\$ 1,418	\$ 1,418	\$ -
2/13/2020	12	540.302	151.3	\$20.56	\$3,111	370			19				\$ 3,111	\$ 1,933	\$ 1,178
2/13/2020	13	535.319	88.32	\$20.27	\$1,790	398	49						\$ 1,790	\$ 1,790	\$ -
2/13/2020	14	527.506	23.51	\$20.11	\$473	422	82						\$ 473	\$ 473	\$ -
2/13/2020	15	538.478	22.48	\$22.40	\$504	426	90						\$ 504	\$ 504	\$ -
2/13/2020	16	553.276	50.28	\$23.11	\$1,162	427	76						\$ 1,162	\$ 1,162	\$ -
2/13/2020	17	569.978	130.98	\$28.95	\$3,792	439							\$ 3,792	\$ 2,721	\$ 1,071
2/13/2020	18	587.41	133.41	\$26.06	\$3,477	454							\$ 3,477	\$ 2,450	\$ 1,027
2/13/2020	19	595.335	98.34	\$24.99	\$2,458	497							\$ 2,458	\$ 2,349	\$ 108
2/13/2020	20	594.387	70.39	\$24.85	\$1,749	524							\$ 1,749	\$ 1,749	\$ -
2/13/2020	21	580.405	31.41	\$22.82	\$717	549							\$ 717	\$ 717	\$ -
2/13/2020	22	560.796	11.8	\$20.29	\$239	549							\$ 239	\$ 239	\$ -
2/13/2020	23	543.271	0	\$0.00	\$0	549							\$ -	\$ -	\$ -
2/14/2020	0	532.656	0	\$0.00	\$0	551							\$ -	\$ -	\$ -
2/14/2020	1	528.851	0	\$0.00	\$0	551							\$ -	\$ -	\$ -
2/14/2020	2	526.024	0	\$0.00	\$0	557							\$ -	\$ -	\$ -
2/14/2020	3	528.023	32.02	\$18.66	\$597	496							\$ 597	\$ 597	\$ -
2/14/2020	4	541.64	187.64	\$21.83	\$4,096	354							\$ 4,096	\$ 2,052	\$ 2,044
2/14/2020	5	574.722	233.72	\$22.98	\$5,371	341							\$ 5,371	\$ 2,160	\$ 3,211
2/14/2020	6	623.835	255.84	\$30.25	\$7,739	368							\$ 7,739	\$ 2,844	\$ 4,896
2/14/2020	7	651.25	133.25	\$35.08	\$4,674	489			10	19			\$ 4,674	\$ 3,298	\$ 1,377
2/14/2020	8	655.936			\$0	582			95	93			\$ -	\$ -	\$ -
2/14/2020	9	643.172			\$0	569			98	97			\$ -	\$ -	\$ -
2/14/2020	10	619.483			\$0	581			49	47			\$ -	\$ -	\$ -
2/14/2020	11	597.781	18.78	\$25.56	\$480	579							\$ 480	\$ 480	\$ -
2/14/2020	12	585.165	127.17	\$23.48	\$2,986	458							\$ 2,986	\$ 2,207	\$ 779
2/14/2020	13	571.534	230.53	\$22.77	\$5,249	341							\$ 5,249	\$ 2,140	\$ 3,109
2/14/2020	14	564.654	258.65	\$22.19	\$5,739	306							\$ 5,739	\$ 2,086	\$ 3,654
2/14/2020	15	550.738	245.74	\$22.24	\$5,465	305							\$ 5,465	\$ 2,091	\$ 3,375
2/14/2020	16	549.635	244.64	\$22.54	\$5,514	305							\$ 5,514	\$ 2,119	\$ 3,395
2/14/2020	17	553.599	208.6	\$26.09	\$5,442	345							\$ 5,442	\$ 2,452	\$ 2,990
2/14/2020	18	584.785	107.79	\$30.42	\$3,279	477							\$ 3,279	\$ 2,859	\$ 419
2/14/2020	19	596.387	45.39	\$30.15	\$1,369	551							\$ 1,369	\$ 1,369	\$ -
2/14/2020	20	596.256	2.26	\$28.08	\$63	594							\$ 63	\$ 63	\$ -
2/14/2020	21	586.18			\$0	602							\$ -	\$ -	\$ -
2/14/2020	22	568.363			\$0	586							\$ -	\$ -	\$ -
2/14/2020	23	552.785	3.79	\$22.13	\$84	549							\$ 84	\$ 84	\$ -
2/15/2020	0	542.95	89.95	\$21.26	\$1,912	453							\$ 1,912	\$ 1,912	\$ -
2/15/2020	1	531.902	107.9	\$20.88	\$2,253	424							\$ 2,253	\$ 1,963	\$ 290
2/15/2020	2	530.871	183.87	\$20.60	\$3,788	347							\$ 3,788	\$ 1,936	\$ 1,851
2/15/2020	3	531.934	185.93	\$20.92	\$3,890	346							\$ 3,890	\$ 1,966	\$ 1,923
2/15/2020	4	538.809	220.81	\$21.12	\$4,664	318							\$ 4,664	\$ 1,985	\$ 2,678
2/15/2020	5	553.538	243.54	\$22.86	\$5,567	310							\$ 5,567	\$ 2,149	\$ 3,418
2/15/2020	6	568.218	184.22	\$23.40	\$4,311	384							\$ 4,311	\$ 2,200	\$ 2,111
2/15/2020	7	583.892	106.89	\$24.64	\$2,634	477							\$ 2,634	\$ 2,316	\$ 318
2/15/2020	8	589.189	214.19	\$23.25	\$4,980	375							\$ 4,980	\$ 2,186	\$ 2,794
2/15/2020	9	571.789	208.79	\$21.91	\$4,575	363							\$ 4,575	\$ 2,060	\$ 2,515
2/15/2020	10	550.416	246.42	\$20.05	\$4,941	304							\$ 4,941	\$ 1,885	\$ 3,056
2/15/2020	11	533.948	229.95	\$18.59	\$4,275	304							\$ 4,275	\$ 1,747	\$ 2,527
2/15/2020	12	512.334	205.33	\$17.75	\$3,645	307							\$ 3,645	\$ 1,669	\$ 1,976
2/15/2020	13	489.772	184.77	\$17.44	\$3,222	305							\$ 3,222	\$ 1,639	\$ 1,583
2/15/2020	14	470.269	165.27	\$16.66	\$2,753	305							\$ 2,753	\$ 1,566	\$ 1,187
2/15/2020	15	467.428	162.43	\$16.50	\$2,680	305							\$ 2,680	\$ 1,551	\$ 1,129



Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Beginning (HB)	Customer Demand (MW)	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
							East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5			
2/15/2020	16	467.409	193.41	\$17.34	\$3,354	274							\$ 3,354	\$ 1,630	\$ 1,724
2/15/2020	17	476.075	156.08	\$19.20	\$2,997	320							\$ 2,997	\$ 1,805	\$ 1,192
2/15/2020	18	497.614	109.61	\$22.13	\$2,426	388							\$ 2,426	\$ 2,080	\$ 345
2/15/2020	19	501.531	157.53	\$20.87	\$3,288	344							\$ 3,288	\$ 1,962	\$ 1,326
2/15/2020	20	496.605	177.61	\$20.10	\$3,570	319							\$ 3,570	\$ 1,889	\$ 1,681
2/15/2020	21	482.748	176.75	\$18.47	\$3,265	306							\$ 3,265	\$ 1,736	\$ 1,528
2/15/2020	22	462.109	157.11	\$18.04	\$2,834	305							\$ 2,834	\$ 1,696	\$ 1,139
2/15/2020	23	441.652	139.65	\$17.49	\$2,442	302							\$ 2,442	\$ 1,644	\$ 798
2/16/2020	0	424.135	118.14	\$16.16	\$1,909	306							\$ 1,909	\$ 1,519	\$ 390
2/16/2020	1	414.285	110.29	\$15.78	\$1,740	304							\$ 1,740	\$ 1,483	\$ 257
2/16/2020	2	406.346	99.35	\$15.80	\$1,570	307							\$ 1,570	\$ 1,485	\$ 85
2/16/2020	3	403.449	98.45	\$15.61	\$1,537	305							\$ 1,537	\$ 1,467	\$ 69
2/16/2020	4	406.505	100.51	\$15.69	\$1,577	306							\$ 1,577	\$ 1,475	\$ 102
2/16/2020	5	414.461	109.46	\$16.42	\$1,797	305							\$ 1,797	\$ 1,543	\$ 254
2/16/2020	6	426.247	121.25	\$18.03	\$2,186	305							\$ 2,186	\$ 1,695	\$ 491
2/16/2020	7	439.895	135.9	\$18.87	\$2,564	304							\$ 2,564	\$ 1,774	\$ 791
2/16/2020	8	451.481	142.48	\$19.69	\$2,805	309							\$ 2,805	\$ 1,851	\$ 955
2/16/2020	9	454.305	149.31	\$18.60	\$2,777	305							\$ 2,777	\$ 1,748	\$ 1,029
2/16/2020	10	462.505	156.51	\$18.30	\$2,864	306							\$ 2,864	\$ 1,720	\$ 1,144
2/16/2020	11	459.746	154.75	\$17.84	\$2,761	305							\$ 2,761	\$ 1,677	\$ 1,084
2/16/2020	12	461.855	156.86	\$16.91	\$2,653	305							\$ 2,653	\$ 1,590	\$ 1,063
2/16/2020	13	454.924	158.92	\$16.12	\$2,562	296							\$ 2,562	\$ 1,515	\$ 1,047
2/16/2020	14	448.025	144.03	\$16.07	\$2,315	304							\$ 2,315	\$ 1,511	\$ 804
2/16/2020	15	445.062	140.06	\$17.18	\$2,406	305							\$ 2,406	\$ 1,615	\$ 791
2/16/2020	16	438.126	126.13	\$17.58	\$2,217	312							\$ 2,217	\$ 1,653	\$ 565
2/16/2020	17	446.953	140.95	\$20.32	\$2,864	306							\$ 2,864	\$ 1,910	\$ 954
2/16/2020	18	476.354	150.35	\$21.19	\$3,186	326							\$ 3,186	\$ 1,992	\$ 1,194
2/16/2020	19	485.097	178.1	\$19.99	\$3,560	307							\$ 3,560	\$ 1,879	\$ 1,681
2/16/2020	20	482.092	177.09	\$19.49	\$3,451	305							\$ 3,451	\$ 1,832	\$ 1,619
2/16/2020	21	473.103	167.1	\$18.48	\$3,088	306							\$ 3,088	\$ 1,737	\$ 1,351
2/16/2020	22	458.38	152.38	\$17.54	\$2,673	306							\$ 2,673	\$ 1,649	\$ 1,024
2/16/2020	23	444.689	139.69	\$16.33	\$2,281	305							\$ 2,281	\$ 1,535	\$ 746
2/17/2020	0	436.916	130.92	\$15.42	\$2,019	306							\$ 2,019	\$ 1,449	\$ 569
2/17/2020	1	435.019	131.02	\$15.31	\$2,006	304							\$ 2,006	\$ 1,439	\$ 567
2/17/2020	2	434.852	129.85	\$15.57	\$2,022	305							\$ 2,022	\$ 1,464	\$ 558
2/17/2020	3	441.671	136.67	\$15.26	\$2,086	305							\$ 2,086	\$ 1,434	\$ 651
2/17/2020	4	457.437	152.44	\$16.33	\$2,489	305							\$ 2,489	\$ 1,535	\$ 954
2/17/2020	5	482.977	178.98	\$18.41	\$3,295	304							\$ 3,295	\$ 1,731	\$ 1,564
2/17/2020	6	517.931	147.93	\$21.49	\$3,179	370							\$ 3,179	\$ 2,020	\$ 1,159
2/17/2020	7	540.361	163.36	\$21.35	\$3,488	377							\$ 3,488	\$ 2,007	\$ 1,481
2/17/2020	8	550.257	116.26	\$21.28	\$2,474	434							\$ 2,474	\$ 2,000	\$ 474
2/17/2020	9	548.517	228.52	\$20.55	\$4,696	320							\$ 4,696	\$ 1,932	\$ 2,764
2/17/2020	10	539.758	233.76	\$20.39	\$4,766	306							\$ 4,766	\$ 1,917	\$ 2,850
2/17/2020	11	524.024	219.02	\$19.54	\$4,280	305							\$ 4,280	\$ 1,837	\$ 2,443
2/17/2020	12	503.321	196.32	\$19.01	\$3,732	305						2	\$ 3,732	\$ 1,787	\$ 1,945
2/17/2020	13	494.422	186.42	\$18.39	\$3,428	306						2	\$ 3,428	\$ 1,729	\$ 1,700
2/17/2020	14	486.537	181.54	\$17.92	\$3,253	305							\$ 3,253	\$ 1,684	\$ 1,569
2/17/2020	15	487.516	181.52	\$18.12	\$3,289	306							\$ 3,289	\$ 1,703	\$ 1,586
2/17/2020	16	489.394	184.39	\$18.18	\$3,352	305							\$ 3,352	\$ 1,709	\$ 1,643
2/17/2020	17	494.12	164.12	\$20.03	\$3,287	330							\$ 3,287	\$ 1,883	\$ 1,405
2/17/2020	18	507.73	110.73	\$21.14	\$2,341	397							\$ 2,341	\$ 1,987	\$ 354
2/17/2020	19	511.793	116.79	\$20.26	\$2,366	395							\$ 2,366	\$ 1,904	\$ 462
2/17/2020	20	501.108	163.11	\$19.62	\$3,200	338							\$ 3,200	\$ 1,844	\$ 1,356
2/17/2020	21	482.537	177.54	\$18.68	\$3,316	305							\$ 3,316	\$ 1,756	\$ 1,561
2/17/2020	22	455.26	157.26	\$16.68	\$2,623	298							\$ 2,623	\$ 1,568	\$ 1,055
2/17/2020	23	426.902	117.9	\$14.47	\$1,706	309							\$ 1,706	\$ 1,360	\$ 346

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)	
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6
2/18/2020	0	413.147	108.15	\$13.96	\$1,510	305							\$ 1,510	\$ 1,312	\$ 198
2/18/2020	1	399.13	94.13	\$13.66	\$1,286	305							\$ 1,286	\$ 1,284	\$ 2
2/18/2020	2	386.258	80.26	\$13.50	\$1,084	306							\$ 1,084	\$ 1,084	\$ -
2/18/2020	3	385.292	80.29	\$13.50	\$1,084	305							\$ 1,084	\$ 1,084	\$ -
2/18/2020	4	392.183	86.18	\$14.07	\$1,213	306							\$ 1,213	\$ 1,213	\$ -
2/18/2020	5	416.57	109.57	\$15.30	\$1,676	307							\$ 1,676	\$ 1,438	\$ 238
2/18/2020	6	462.788	132.79	\$20.52	\$2,725	330							\$ 2,725	\$ 1,929	\$ 796
2/18/2020	7	490.335	126.34	\$21.60	\$2,729	364							\$ 2,729	\$ 2,030	\$ 699
2/18/2020	8	483.67	177.67	\$20.44	\$3,632	306							\$ 3,632	\$ 1,921	\$ 1,710
2/18/2020	9	482.795	147.8	\$19.68	\$2,909	335							\$ 2,909	\$ 1,850	\$ 1,059
2/18/2020	10	486.885	163.89	\$19.65	\$3,220	323							\$ 3,220	\$ 1,847	\$ 1,373
2/18/2020	11	490.879	181.88	\$19.28	\$3,507	309							\$ 3,507	\$ 1,812	\$ 1,694
2/18/2020	12	490.982	181.98	\$18.94	\$3,447	309							\$ 3,447	\$ 1,780	\$ 1,666
2/18/2020	13	488.833	95.83	\$18.94	\$1,815	393							\$ 1,815	\$ 1,780	\$ 35
2/18/2020	14	493.833	92.83	\$18.40	\$1,708	401							\$ 1,708	\$ 1,708	\$ -
2/18/2020	15	492.956	178.96	\$19.58	\$3,504	314							\$ 3,504	\$ 1,841	\$ 1,664
2/18/2020	16	498.971	191.97	\$19.92	\$3,824	307							\$ 3,824	\$ 1,872	\$ 1,952
2/18/2020	17	506.857	200.86	\$21.85	\$4,389	306							\$ 4,389	\$ 2,054	\$ 2,335
2/18/2020	18	524.78	202.78	\$22.42	\$4,546	322							\$ 4,546	\$ 2,107	\$ 2,439
2/18/2020	19	528.777	178.78	\$20.98	\$3,751	350							\$ 3,751	\$ 1,972	\$ 1,779
2/18/2020	20	522.861	139.86	\$20.76	\$2,903	383							\$ 2,903	\$ 1,951	\$ 952
2/18/2020	21	508.25	161.25	\$19.29	\$3,111	347							\$ 3,111	\$ 1,813	\$ 1,297
2/18/2020	22	485.586	170.59	\$17.90	\$3,054	315							\$ 3,054	\$ 1,683	\$ 1,371
2/18/2020	23	465.812	161.81	\$16.21	\$2,623	304							\$ 2,623	\$ 1,524	\$ 1,099
2/19/2020	0	454.997	150	\$15.16	\$2,274	305							\$ 2,274	\$ 1,425	\$ 849
2/19/2020	1	450.139	146.14	\$15.17	\$2,217	304							\$ 2,217	\$ 1,426	\$ 791
2/19/2020	2	448.185	142.19	\$14.82	\$2,107	306							\$ 2,107	\$ 1,393	\$ 714
2/19/2020	3	454.105	149.11	\$15.14	\$2,258	305							\$ 2,258	\$ 1,423	\$ 834
2/19/2020	4	469.899	172.9	\$17.17	\$2,969	297							\$ 2,969	\$ 1,614	\$ 1,355
2/19/2020	5	499.092	194.09	\$20.50	\$3,979	305							\$ 3,979	\$ 1,927	\$ 2,052
2/19/2020	6	553.81	212.81	\$27.01	\$5,748	341							\$ 5,748	\$ 2,539	\$ 3,209
2/19/2020	7	582.032	132.03	\$27.03	\$3,569	450							\$ 3,569	\$ 2,541	\$ 1,028
2/19/2020	8	567.134	57.13	\$24.14	\$1,379	510							\$ 1,379	\$ 1,379	\$ -
2/19/2020	9	547.562	116.56	\$21.86	\$2,548	431							\$ 2,548	\$ 2,055	\$ 493
2/19/2020	10	531.786	177.79	\$21.44	\$3,812	354							\$ 3,812	\$ 2,015	\$ 1,796
2/19/2020	11	518.999	216	\$20.32	\$4,389	303							\$ 4,389	\$ 1,910	\$ 2,479
2/19/2020	12	501.235	197.24	\$19.89	\$3,923	304							\$ 3,923	\$ 1,870	\$ 2,053
2/19/2020	13	494.329	188.33	\$19.56	\$3,684	306							\$ 3,684	\$ 1,839	\$ 1,845
2/19/2020	14	486.521	182.52	\$19.25	\$3,514	304							\$ 3,514	\$ 1,810	\$ 1,704
2/19/2020	15	477.656	172.66	\$21.39	\$3,693	305							\$ 3,693	\$ 2,011	\$ 1,683
2/19/2020	16	478.619	173.62	\$21.91	\$3,804	305							\$ 3,804	\$ 2,060	\$ 1,744
2/19/2020	17	487.382	181.38	\$23.87	\$4,330	306							\$ 4,330	\$ 2,244	\$ 2,086
2/19/2020	18	518.82	150.82	\$27.77	\$4,188	368							\$ 4,188	\$ 2,610	\$ 1,578
2/19/2020	19	535.366	45.37	\$25.18	\$1,142	490							\$ 1,142	\$ 1,142	\$ -
2/19/2020	20	534.286			\$0	559							\$ -	\$ -	\$ -
2/19/2020	21	518.626			\$0	555							\$ -	\$ -	\$ -
2/19/2020	22	497.171	2.17	\$22.02	\$48	495							\$ 48	\$ 48	\$ -
2/19/2020	23	477.638	113.64	\$20.07	\$2,281	364							\$ 2,281	\$ 1,887	\$ 394
2/20/2020	0	462.135	118.14	\$18.51	\$2,187	344							\$ 2,187	\$ 1,740	\$ 447
2/20/2020	1	455.392	150.39	\$18.49	\$2,781	305							\$ 2,781	\$ 1,738	\$ 1,043
2/20/2020	2	452.267	146.27	\$18.41	\$2,693	306							\$ 2,693	\$ 1,731	\$ 962
2/20/2020	3	451.121	147.12	\$18.91	\$2,782	304							\$ 2,782	\$ 1,778	\$ 1,004
2/20/2020	4	465.063	160.06	\$18.96	\$3,035	305							\$ 3,035	\$ 1,782	\$ 1,252
2/20/2020	5	494.211	147.21	\$20.45	\$3,010	347							\$ 3,010	\$ 1,922	\$ 1,088
2/20/2020	6	543.207	174.21	\$27.37	\$4,768	369							\$ 4,768	\$ 2,573	\$ 2,195
2/20/2020	7	575.819	127.82	\$26.76	\$3,420	448							\$ 3,420	\$ 2,515	\$ 905

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
2/20/2020	8	571.924	137.92	\$25.13	\$3,466	434							\$ 3,466	\$ 2,362	\$ 1,104
2/20/2020	9	572.661	45.66	\$23.83	\$1,088	527							\$ 1,088	\$ 1,088	\$ -
2/20/2020	10	560.698			\$0	575							\$ -	\$ -	\$ -
2/20/2020	11	542.983			\$0	563							\$ -	\$ -	\$ -
2/20/2020	12	529.206			\$0	559							\$ -	\$ -	\$ -
2/20/2020	13	523.453	46.45	\$20.67	\$960	477							\$ 960	\$ 960	\$ -
2/20/2020	14	516.688	189.69	\$20.38	\$3,866	327							\$ 3,866	\$ 1,916	\$ 1,950
2/20/2020	15	521.639	213.64	\$20.47	\$4,373	308							\$ 4,373	\$ 1,924	\$ 2,449
2/20/2020	16	527.447	138.45	\$21.27	\$2,945	389							\$ 2,945	\$ 1,999	\$ 945
2/20/2020	17	546.106	174.11	\$23.93	\$4,166	372							\$ 4,166	\$ 2,249	\$ 1,917
2/20/2020	18	576.448	74.45	\$27.07	\$2,015	502							\$ 2,015	\$ 2,015	\$ -
2/20/2020	19	596.097			\$0	598							\$ -	\$ -	\$ -
2/20/2020	20	596.142	2.14	\$25.08	\$54	594							\$ 54	\$ 54	\$ -
2/20/2020	21	581.394			\$0	587							\$ -	\$ -	\$ -
2/20/2020	22	556.149	73.15	\$22.02	\$1,611	483							\$ 1,611	\$ 1,611	\$ -
2/20/2020	23	530.624	96.62	\$20.78	\$2,008	434							\$ 2,008	\$ 1,953	\$ 54
2/21/2020	0	517.878	155.88	\$20.18	\$3,146	362							\$ 3,146	\$ 1,897	\$ 1,249
2/21/2020	1	512.89	100.89	\$19.89	\$2,007	412							\$ 2,007	\$ 1,870	\$ 137
2/21/2020	2	511.809	64.81	\$19.79	\$1,283	447							\$ 1,283	\$ 1,283	\$ -
2/21/2020	3	515.648	0.65	\$20.10	\$13	515							\$ 13	\$ 13	\$ -
2/21/2020	4	530.191	0	\$0.00	\$0	595							\$ -	\$ -	\$ -
2/21/2020	5	557.764			\$0	603							\$ -	\$ -	\$ -
2/21/2020	6	608.694	14.69	\$33.56	\$493	594							\$ 493	\$ 493	\$ -
2/21/2020	7	632.407	30.41	\$45.59	\$1,386	602							\$ 1,386	\$ 1,386	\$ -
2/21/2020	8	610.9	12.9	\$26.46	\$341	598							\$ 341	\$ 341	\$ -
2/21/2020	9	584.589	19.59	\$23.86	\$467	565							\$ 467	\$ 467	\$ -
2/21/2020	10	567.805			\$0	593							\$ -	\$ -	\$ -
2/21/2020	11	550.267	101.27	\$20.61	\$2,087	449							\$ 2,087	\$ 1,937	\$ 150
2/21/2020	12	533.737	219.74	\$19.74	\$4,338	314							\$ 4,338	\$ 1,856	\$ 2,482
2/21/2020	13	516.99	211.99	\$19.22	\$4,074	305							\$ 4,074	\$ 1,807	\$ 2,268
2/21/2020	14	502.396	198.4	\$18.91	\$3,752	304							\$ 3,752	\$ 1,778	\$ 1,974
2/21/2020	15	489.651	184.65	\$18.73	\$3,458	305							\$ 3,458	\$ 1,761	\$ 1,698
2/21/2020	16	487.664	181.66	\$18.93	\$3,439	306							\$ 3,439	\$ 1,779	\$ 1,659
2/21/2020	17	492.534	188.53	\$20.21	\$3,810	304							\$ 3,810	\$ 1,900	\$ 1,910
2/21/2020	18	522.154	215.15	\$22.93	\$4,933	307							\$ 4,933	\$ 2,155	\$ 2,778
2/21/2020	19	537.802	220.8	\$22.31	\$4,926	317							\$ 4,926	\$ 2,097	\$ 2,829
2/21/2020	20	539.523	231.52	\$20.98	\$4,857	308							\$ 4,857	\$ 1,972	\$ 2,885
2/21/2020	21	529.541	224.54	\$20.25	\$4,547	305							\$ 4,547	\$ 1,904	\$ 2,643
2/21/2020	22	516.745	212.75	\$19.98	\$4,251	304							\$ 4,251	\$ 1,878	\$ 2,373
2/21/2020	23	500.158	197.16	\$19.03	\$3,752	303							\$ 3,752	\$ 1,789	\$ 1,963
2/22/2020	0	485.82	126.82	\$20.00	\$2,536	359							\$ 2,536	\$ 1,880	\$ 656
2/22/2020	1	477.813	82.81	\$19.71	\$1,632	395							\$ 1,632	\$ 1,632	\$ -
2/22/2020	2	475.044	141.04	\$19.63	\$2,769	334							\$ 2,769	\$ 1,845	\$ 923
2/22/2020	3	477.313	172.31	\$19.70	\$3,395	305							\$ 3,395	\$ 1,852	\$ 1,543
2/22/2020	4	485.235	180.24	\$19.81	\$3,571	305							\$ 3,571	\$ 1,862	\$ 1,708
2/22/2020	5	500.017	177.02	\$20.32	\$3,597	323							\$ 3,597	\$ 1,910	\$ 1,687
2/22/2020	6	517.602	153.6	\$26.72	\$4,104	364							\$ 4,104	\$ 2,512	\$ 1,593
2/22/2020	7	532.253	47.25	\$25.80	\$1,219	485							\$ 1,219	\$ 1,219	\$ -
2/22/2020	8	528.559	99.56	\$22.69	\$2,259	429							\$ 2,259	\$ 2,133	\$ 126
2/22/2020	9	515.002	133	\$19.82	\$2,636	382							\$ 2,636	\$ 1,863	\$ 773
2/22/2020	10	503.696	185.7	\$18.95	\$3,519	318							\$ 3,519	\$ 1,781	\$ 1,738
2/22/2020	11	488.121	183.12	\$17.83	\$3,265	305							\$ 3,265	\$ 1,676	\$ 1,589
2/22/2020	12	469.577	164.58	\$16.14	\$2,656	305							\$ 2,656	\$ 1,517	\$ 1,139
2/22/2020	13	450.841	145.84	\$15.84	\$2,310	305							\$ 2,310	\$ 1,489	\$ 821
2/22/2020	14	435.992	131.99	\$14.66	\$1,935	304							\$ 1,935	\$ 1,378	\$ 557
2/22/2020	15	426.141	121.14	\$14.52	\$1,759	305							\$ 1,759	\$ 1,365	\$ 394

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)	
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6
2/22/2020	16	427.036	122.04	\$15.47	\$1,888	305							\$ 1,888	\$ 1,454	\$ 434
2/22/2020	17	433.835	127.84	\$16.97	\$2,169	306							\$ 2,169	\$ 1,595	\$ 574
2/22/2020	18	457.457	150.46	\$20.88	\$3,142	307							\$ 3,142	\$ 1,963	\$ 1,179
2/22/2020	19	474.192	168.19	\$19.68	\$3,310	306							\$ 3,310	\$ 1,850	\$ 1,460
2/22/2020	20	475.053	171.05	\$18.67	\$3,194	304							\$ 3,194	\$ 1,755	\$ 1,439
2/22/2020	21	469.193	164.19	\$18.07	\$2,967	305							\$ 2,967	\$ 1,699	\$ 1,268
2/22/2020	22	456.257	159.26	\$17.04	\$2,714	297							\$ 2,714	\$ 1,602	\$ 1,112
2/22/2020	23	441.337	137.34	\$16.26	\$2,233	304							\$ 2,233	\$ 1,528	\$ 705
2/23/2020	0	428.408	123.41	\$17.57	\$2,168	305							\$ 2,168	\$ 1,652	\$ 517
2/23/2020	1	422.487	112.49	\$17.30	\$1,946	310							\$ 1,946	\$ 1,626	\$ 320
2/23/2020	2	421.455	113.46	\$17.15	\$1,946	308							\$ 1,946	\$ 1,612	\$ 334
2/23/2020	3	424.372	117.37	\$17.36	\$2,038	307							\$ 2,038	\$ 1,632	\$ 406
2/23/2020	4	428.209	122.21	\$17.85	\$2,181	306							\$ 2,181	\$ 1,678	\$ 504
2/23/2020	5	437.965	132.97	\$18.35	\$2,440	305							\$ 2,440	\$ 1,725	\$ 715
2/23/2020	6	451.301	132.3	\$19.30	\$2,553	319							\$ 2,553	\$ 1,814	\$ 739
2/23/2020	7	461.255	149.26	\$19.25	\$2,873	312							\$ 2,873	\$ 1,810	\$ 1,064
2/23/2020	8	471.493	164.49	\$18.89	\$3,107	307							\$ 3,107	\$ 1,776	\$ 1,332
2/23/2020	9	484.89	179.89	\$17.47	\$3,143	305							\$ 3,143	\$ 1,642	\$ 1,500
2/23/2020	10	487.24	182.24	\$16.37	\$2,983	305							\$ 2,983	\$ 1,539	\$ 1,444
2/23/2020	11	476.584	172.58	\$15.92	\$2,747	304							\$ 2,747	\$ 1,496	\$ 1,251
2/23/2020	12	461.837	155.84	\$15.95	\$2,486	306							\$ 2,486	\$ 1,499	\$ 986
2/23/2020	13	449.976	145.98	\$15.11	\$2,206	304							\$ 2,206	\$ 1,420	\$ 785
2/23/2020	14	441.051	134.05	\$14.28	\$1,914	307							\$ 1,914	\$ 1,342	\$ 572
2/23/2020	15	437.055	135.06	\$14.21	\$1,919	302							\$ 1,919	\$ 1,336	\$ 583
2/23/2020	16	433.972	128.97	\$15.12	\$1,950	305							\$ 1,950	\$ 1,421	\$ 529
2/23/2020	17	448.893	143.89	\$17.45	\$2,511	305							\$ 2,511	\$ 1,640	\$ 871
2/23/2020	18	463.599	143.6	\$22.26	\$3,197	320							\$ 3,197	\$ 2,092	\$ 1,104
2/23/2020	19	481.411	178.41	\$19.52	\$3,483	303							\$ 3,483	\$ 1,835	\$ 1,648
2/23/2020	20	478.41	178.41	\$19.21	\$3,427	300							\$ 3,427	\$ 1,806	\$ 1,622
2/23/2020	21	461.698	153.7	\$18.31	\$2,814	308							\$ 2,814	\$ 1,721	\$ 1,093
2/23/2020	22	441.952	137.95	\$16.78	\$2,315	304							\$ 2,315	\$ 1,577	\$ 737
2/23/2020	23	421.181	115.18	\$16.01	\$1,844	306							\$ 1,844	\$ 1,505	\$ 339
2/24/2020	0	407.218	102.22	\$15.59	\$1,594	305							\$ 1,594	\$ 1,465	\$ 128
2/24/2020	1	401.332	96.33	\$15.69	\$1,511	305							\$ 1,511	\$ 1,475	\$ 37
2/24/2020	2	400.301	95.3	\$15.61	\$1,488	305							\$ 1,488	\$ 1,467	\$ 20
2/24/2020	3	403.303	95.3	\$16.39	\$1,562	308							\$ 1,562	\$ 1,541	\$ 21
2/24/2020	4	415.165	114.17	\$16.75	\$1,912	301							\$ 1,912	\$ 1,575	\$ 338
2/24/2020	5	442.69	132.69	\$18.60	\$2,468	310							\$ 2,468	\$ 1,748	\$ 720
2/24/2020	6	489.743	73.74	\$24.99	\$1,843	416							\$ 1,843	\$ 1,843	\$ -
2/24/2020	7	516.502	21.5	\$22.75	\$489	495							\$ 489	\$ 489	\$ -
2/24/2020	8	514.46	34.46	\$20.91	\$721	480							\$ 721	\$ 721	\$ -
2/24/2020	9	519.318	167.32	\$20.67	\$3,459	352							\$ 3,459	\$ 1,943	\$ 1,516
2/24/2020	10	522.045	218.05	\$20.81	\$4,538	304							\$ 4,538	\$ 1,956	\$ 2,581
2/24/2020	11	514.16	190.16	\$20.65	\$3,927	324							\$ 3,927	\$ 1,941	\$ 1,986
2/24/2020	12	512.271	198.27	\$20.19	\$4,003	314							\$ 4,003	\$ 1,898	\$ 2,105
2/24/2020	13	512.313	215.31	\$19.85	\$4,274	297							\$ 4,274	\$ 1,866	\$ 2,408
2/24/2020	14	506.331	201.33	\$19.26	\$3,878	305							\$ 3,878	\$ 1,810	\$ 2,067
2/24/2020	15	514.214	209.21	\$19.12	\$4,000	305							\$ 4,000	\$ 1,797	\$ 2,203
2/24/2020	16	517.09	211.09	\$19.15	\$4,042	306							\$ 4,042	\$ 1,800	\$ 2,242
2/24/2020	17	518.969	208.97	\$21.70	\$4,535	310							\$ 4,535	\$ 2,040	\$ 2,495
2/24/2020	18	529.701	146.7	\$22.45	\$3,293	383							\$ 3,293	\$ 2,110	\$ 1,183
2/24/2020	19	528.745	156.75	\$20.59	\$3,227	372							\$ 3,227	\$ 1,935	\$ 1,292
2/24/2020	20	513.039	206.04	\$20.27	\$4,176	307							\$ 4,176	\$ 1,905	\$ 2,271
2/24/2020	21	491.503	185.5	\$18.87	\$3,500	306							\$ 3,500	\$ 1,774	\$ 1,727
2/24/2020	22	466.22	160.22	\$17.56	\$2,813	306							\$ 2,813	\$ 1,651	\$ 1,163
2/24/2020	23	436.832	132.83	\$16.23	\$2,156	304							\$ 2,156	\$ 1,526	\$ 630

**Hourly Purchase Energy Expense Detail - 2019 & 2020**

Generator Output (MW)

Date	Hour	Customer	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
2/25/2020	0	421.14	116.14	\$15.29	\$1,776	305							\$ 1,776	\$ 1,437	\$ 339
2/25/2020	1	410.305	104.31	\$15.08	\$1,573	306							\$ 1,573	\$ 1,418	\$ 155
2/25/2020	2	403.362	98.36	\$14.04	\$1,381	305							\$ 1,381	\$ 1,320	\$ 61
2/25/2020	3	402.358	97.36	\$14.04	\$1,367	305							\$ 1,367	\$ 1,320	\$ 47
2/25/2020	4	412.086	107.09	\$14.70	\$1,574	305							\$ 1,574	\$ 1,382	\$ 192
2/25/2020	5	434.884	129.88	\$16.23	\$2,108	305							\$ 2,108	\$ 1,526	\$ 582
2/25/2020	6	480.152	172.15	\$21.09	\$3,631	308							\$ 3,631	\$ 1,982	\$ 1,648
2/25/2020	7	506.789	202.79	\$20.42	\$4,141	304							\$ 4,141	\$ 1,919	\$ 2,221
2/25/2020	8	504.796	198.8	\$20.39	\$4,054	306							\$ 4,054	\$ 1,917	\$ 2,137
2/25/2020	9	503.631	196.63	\$20.30	\$3,992	307							\$ 3,992	\$ 1,908	\$ 2,083
2/25/2020	10	505.451	200.45	\$20.41	\$4,091	305							\$ 4,091	\$ 1,919	\$ 2,173
2/25/2020	11	504.384	198.38	\$20.09	\$3,985	306							\$ 3,985	\$ 1,888	\$ 2,097
2/25/2020	12	500.582	204.58	\$19.23	\$3,934	296							\$ 3,934	\$ 1,808	\$ 2,126
2/25/2020	13	501.532	194.53	\$19.12	\$3,719	307							\$ 3,719	\$ 1,797	\$ 1,922
2/25/2020	14	496.684	190.68	\$18.45	\$3,518	306							\$ 3,518	\$ 1,734	\$ 1,784
2/25/2020	15	497.842	192.84	\$18.49	\$3,566	305							\$ 3,566	\$ 1,738	\$ 1,828
2/25/2020	16	500.696	195.7	\$18.72	\$3,664	305							\$ 3,664	\$ 1,760	\$ 1,904
2/25/2020	17	503.366	174.37	\$20.36	\$3,550	329							\$ 3,550	\$ 1,914	\$ 1,636
2/25/2020	18	516.11	208.11	\$21.37	\$4,447	308							\$ 4,447	\$ 2,009	\$ 2,439
2/25/2020	19	516.075	201.08	\$20.41	\$4,104	315							\$ 4,104	\$ 1,919	\$ 2,186
2/25/2020	20	506.226	186.23	\$19.61	\$3,652	320							\$ 3,652	\$ 1,843	\$ 1,809
2/25/2020	21	488.644	183.64	\$18.17	\$3,337	305							\$ 3,337	\$ 1,708	\$ 1,629
2/25/2020	22	461.263	155.26	\$16.82	\$2,611	306							\$ 2,611	\$ 1,581	\$ 1,030
2/25/2020	23	436.901	131.9	\$14.68	\$1,936	305							\$ 1,936	\$ 1,380	\$ 556
2/26/2020	0	420.451	115.45	\$13.79	\$1,592	305							\$ 1,592	\$ 1,296	\$ 296
2/26/2020	1	411.717	106.72	\$13.50	\$1,441	305							\$ 1,441	\$ 1,269	\$ 172
2/26/2020	2	404.812	98.81	\$13.05	\$1,289	306							\$ 1,289	\$ 1,227	\$ 63
2/26/2020	3	403.752	98.75	\$13.17	\$1,301	305							\$ 1,301	\$ 1,238	\$ 63
2/26/2020	4	418.397	113.4	\$14.19	\$1,609	305							\$ 1,609	\$ 1,334	\$ 275
2/26/2020	5	444.612	139.61	\$15.38	\$2,147	305							\$ 2,147	\$ 1,446	\$ 701
2/26/2020	6	489.61	180.61	\$20.14	\$3,637	309							\$ 3,637	\$ 1,893	\$ 1,744
2/26/2020	7	517.176	172.18	\$20.63	\$3,552	345							\$ 3,552	\$ 1,939	\$ 1,613
2/26/2020	8	518.222	209.22	\$20.23	\$4,233	309							\$ 4,233	\$ 1,902	\$ 2,331
2/26/2020	9	516.218	168.22	\$19.72	\$3,317	348							\$ 3,317	\$ 1,854	\$ 1,464
2/26/2020	10	519.183	220.18	\$20.18	\$4,443	299							\$ 4,443	\$ 1,897	\$ 2,546
2/26/2020	11	523.188	214.19	\$20.21	\$4,329	309							\$ 4,329	\$ 1,900	\$ 2,429
2/26/2020	12	522.199	216.2	\$19.59	\$4,235	306							\$ 4,235	\$ 1,841	\$ 2,394
2/26/2020	13	524.142	217.14	\$19.40	\$4,213	307							\$ 4,213	\$ 1,824	\$ 2,389
2/26/2020	14	524.127	220.13	\$19.06	\$4,196	304							\$ 4,196	\$ 1,792	\$ 2,404
2/26/2020	15	530.1	223.1	\$18.97	\$4,232	307							\$ 4,232	\$ 1,783	\$ 2,449
2/26/2020	16	538.946	209.95	\$19.37	\$4,067	329							\$ 4,067	\$ 1,821	\$ 2,246
2/26/2020	17	550.73	223.73	\$20.63	\$4,616	327							\$ 4,616	\$ 1,939	\$ 2,676
2/26/2020	18	572.337	187.34	\$25.16	\$4,713	385							\$ 4,713	\$ 2,365	\$ 2,348
2/26/2020	19	582.995	109	\$21.08	\$2,298	474							\$ 2,298	\$ 1,982	\$ 316
2/26/2020	20	577.14	133.14	\$20.46	\$2,724	444							\$ 2,724	\$ 1,923	\$ 801
2/26/2020	21	560.472	152.47	\$19.71	\$3,005	408							\$ 3,005	\$ 1,853	\$ 1,152
2/26/2020	22	532.953	209.95	\$18.27	\$3,836	323							\$ 3,836	\$ 1,717	\$ 2,118
2/26/2020	23	511.322	205.32	\$16.76	\$3,441	306							\$ 3,441	\$ 1,575	\$ 1,866
2/27/2020	0	492.465	185.47	\$16.75	\$3,107	307							\$ 3,107	\$ 1,575	\$ 1,532
2/27/2020	1	483.707	179.71	\$16.71	\$3,003	304							\$ 3,003	\$ 1,571	\$ 1,432
2/27/2020	2	479.665	164.67	\$16.52	\$2,720	315							\$ 2,720	\$ 1,553	\$ 1,167
2/27/2020	3	482.703	172.7	\$16.80	\$2,901	310							\$ 2,901	\$ 1,579	\$ 1,322
2/27/2020	4	492.683	169.68	\$17.60	\$2,986	323							\$ 2,986	\$ 1,654	\$ 1,332
2/27/2020	5	522.978	131.98	\$19.48	\$2,571	391							\$ 2,571	\$ 1,831	\$ 740
2/27/2020	6	573.023	203.02	\$27.17	\$5,516	370							\$ 5,516	\$ 2,554	\$ 2,962
2/27/2020	7	593.738	113.74	\$26.77	\$3,045	480							\$ 3,045	\$ 2,516	\$ 528

**Hourly Purchase Energy Expense Detail - 2019 & 2020**

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
2/27/2020	8	587.837	63.84	\$23.89	\$1,525	524							\$ 1,525	\$ 1,525	\$ -
2/27/2020	9	583.824			\$0	598							\$ -	\$ -	\$ -
2/27/2020	10	577.915			\$0	595							\$ -	\$ -	\$ -
2/27/2020	11	568.133	39.13	\$20.95	\$820	529							\$ 820	\$ 820	\$ -
2/27/2020	12	552.387	152.39	\$20.49	\$3,122	400							\$ 3,122	\$ 1,926	\$ 1,196
2/27/2020	13	549.646	235.65	\$19.96	\$4,704	314							\$ 4,704	\$ 1,876	\$ 2,827
2/27/2020	14	545.691	238.69	\$19.44	\$4,640	307							\$ 4,640	\$ 1,827	\$ 2,813
2/27/2020	15	545.719	229.72	\$19.65	\$4,514	316							\$ 4,514	\$ 1,847	\$ 2,667
2/27/2020	16	550.584	244.58	\$20.02	\$4,896	306							\$ 4,896	\$ 1,882	\$ 3,015
2/27/2020	17	553.333	205.33	\$22.42	\$4,603	348							\$ 4,603	\$ 2,107	\$ 2,496
2/27/2020	18	565.046	110.05	\$27.31	\$3,005	455							\$ 3,005	\$ 2,567	\$ 438
2/27/2020	19	575.051	64.05	\$26.33	\$1,686	511							\$ 1,686	\$ 1,686	\$ -
2/27/2020	20	569.982			\$0	595							\$ -	\$ -	\$ -
2/27/2020	21	549.41			\$0	598							\$ -	\$ -	\$ -
2/27/2020	22	522.914			\$0	568							\$ -	\$ -	\$ -
2/27/2020	23	496.329	53.33	\$20.13	\$1,074	443							\$ 1,074	\$ 1,074	\$ -
2/28/2020	0	479.636	147.64	\$19.21	\$2,836	332							\$ 2,836	\$ 1,806	\$ 1,030
2/28/2020	1	467.864	161.86	\$18.87	\$3,054	306							\$ 3,054	\$ 1,774	\$ 1,281
2/28/2020	2	462.736	157.74	\$18.53	\$2,923	305							\$ 2,923	\$ 1,742	\$ 1,181
2/28/2020	3	462.752	157.75	\$18.62	\$2,937	305							\$ 2,937	\$ 1,750	\$ 1,187
2/28/2020	4	473.541	133.54	\$19.00	\$2,537	340							\$ 2,537	\$ 1,786	\$ 751
2/28/2020	5	500.069	72.07	\$20.41	\$1,471	428							\$ 1,471	\$ 1,471	\$ -
2/28/2020	6	544.568	91.57	\$28.31	\$2,592	453							\$ 2,592	\$ 2,592	\$ -
2/28/2020	7	565.473	158.47	\$27.17	\$4,306	407							\$ 4,306	\$ 2,554	\$ 1,752
2/28/2020	8	551.806	232.81	\$22.70	\$5,285	319							\$ 5,285	\$ 2,134	\$ 3,151
2/28/2020	9	537.005	187.01	\$22.14	\$4,140	350							\$ 4,140	\$ 2,081	\$ 2,059
2/28/2020	10	538.005	148.01	\$21.32	\$3,156	390							\$ 3,156	\$ 2,004	\$ 1,151
2/28/2020	11	534.08	209.08	\$20.25	\$4,234	325							\$ 4,234	\$ 1,904	\$ 2,330
2/28/2020	12	523.227	224.23	\$19.41	\$4,352	299							\$ 4,352	\$ 1,825	\$ 2,528
2/28/2020	13	516.308	210.31	\$18.80	\$3,954	306							\$ 3,954	\$ 1,767	\$ 2,187
2/28/2020	14	505.521	200.52	\$18.31	\$3,672	305							\$ 3,672	\$ 1,721	\$ 1,950
2/28/2020	15	511.657	206.66	\$18.07	\$3,734	305							\$ 3,734	\$ 1,699	\$ 2,036
2/28/2020	16	519.389	213.39	\$18.47	\$3,941	306							\$ 3,941	\$ 1,736	\$ 2,205
2/28/2020	17	531.914	216.91	\$20.23	\$4,388	315							\$ 4,388	\$ 1,902	\$ 2,486
2/28/2020	18	545.501	199.5	\$22.73	\$4,535	346							\$ 4,535	\$ 2,137	\$ 2,398
2/28/2020	19	547.29	78.29	\$22.24	\$1,741	469							\$ 1,741	\$ 1,741	\$ -
2/28/2020	20	543.308	52.31	\$22.40	\$1,172	491							\$ 1,172	\$ 1,172	\$ -
2/28/2020	21	530.665	129.67	\$20.24	\$2,625	401							\$ 2,625	\$ 1,903	\$ 722
2/28/2020	22	514.035	207.04	\$19.58	\$4,054	307							\$ 4,054	\$ 1,841	\$ 2,213
2/28/2020	23	495.478	189.48	\$18.22	\$3,452	306							\$ 3,452	\$ 1,713	\$ 1,740
2/29/2020	0	483.859	177.86	\$18.62	\$3,312	306							\$ 3,312	\$ 1,750	\$ 1,561
2/29/2020	1	475.095	171.1	\$18.12	\$3,100	304							\$ 3,100	\$ 1,703	\$ 1,397
2/29/2020	2	470.04	164.04	\$17.80	\$2,920	306							\$ 2,920	\$ 1,673	\$ 1,247
2/29/2020	3	471.888	174.89	\$17.84	\$3,120	297							\$ 3,120	\$ 1,677	\$ 1,443
2/29/2020	4	482.603	177.6	\$18.40	\$3,268	305							\$ 3,268	\$ 1,730	\$ 1,538
2/29/2020	5	497.007	188.01	\$19.25	\$3,619	309							\$ 3,619	\$ 1,810	\$ 1,810
2/29/2020	6	516.681	188.68	\$21.57	\$4,070	328							\$ 4,070	\$ 2,028	\$ 2,042
2/29/2020	7	529.517	109.52	\$22.28	\$2,440	420							\$ 2,440	\$ 2,094	\$ 346
2/29/2020	8	529.496	0.5	\$21.87	\$11	529							\$ 11	\$ 11	\$ -
2/29/2020	9	526.498			\$0	598							\$ -	\$ -	\$ -
2/29/2020	10	512.762	0	\$0.00	\$0	584							\$ -	\$ -	\$ -
2/29/2020	11	502.073	17.07	\$19.38	\$331	485							\$ 331	\$ 331	\$ -
2/29/2020	12	490.577	113.58	\$18.38	\$2,088	377							\$ 2,088	\$ 1,728	\$ 360
2/29/2020	13	476.034	172.03	\$17.73	\$3,050	304							\$ 3,050	\$ 1,667	\$ 1,383
2/29/2020	14	461.16	157.16	\$17.06	\$2,681	304							\$ 2,681	\$ 1,604	\$ 1,078
2/29/2020	15	449.119	143.12	\$16.81	\$2,406	306							\$ 2,406	\$ 1,580	\$ 826

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
2/29/2020	16	448.07	143.07	\$17.38	\$2,487	305							\$ 2,487	\$ 1,634	\$ 853
2/29/2020	17	454.737	118.74	\$19.29	\$2,290	336							\$ 2,290	\$ 1,813	\$ 477
2/29/2020	18	478.153	24.15	\$23.69	\$572	454							\$ 572	\$ 572	\$ -
2/29/2020	19	498.74			\$0	561							\$ -	\$ -	\$ -
2/29/2020	20	499.573	0	\$0.00	\$0	587							\$ -	\$ -	\$ -
2/29/2020	21	491.635	0	\$0.00	\$0	498							\$ -	\$ -	\$ -
2/29/2020	22	479.928	114.93	\$19.00	\$2,184	365							\$ 2,184	\$ 1,786	\$ 398
2/29/2020	23	466.109	142.11	\$18.07	\$2,568	324							\$ 2,568	\$ 1,699	\$ 869
3/1/2020	0	455.403	158.4	\$18.56	\$2,940	297							\$ 2,940	\$ 1,745	\$ 1,195
3/1/2020	1	449.498	143.5	\$18.71	\$2,685	306							\$ 2,685	\$ 1,759	\$ 926
3/1/2020	2	448.583	143.58	\$18.10	\$2,599	305							\$ 2,599	\$ 1,701	\$ 897
3/1/2020	3	451.349	141.35	\$18.15	\$2,566	310							\$ 2,566	\$ 1,706	\$ 859
3/1/2020	4	455.935	114.94	\$18.65	\$2,144	341							\$ 2,144	\$ 1,753	\$ 391
3/1/2020	5	465.704	143.7	\$19.39	\$2,786	322							\$ 2,786	\$ 1,823	\$ 964
3/1/2020	6	477.51	148.51	\$21.07	\$3,129	329							\$ 3,129	\$ 1,981	\$ 1,149
3/1/2020	7	484.474	160.47	\$20.57	\$3,301	324							\$ 3,301	\$ 1,934	\$ 1,367
3/1/2020	8	481.612	174.61	\$20.08	\$3,506	307							\$ 3,506	\$ 1,888	\$ 1,619
3/1/2020	9	472.259	167.26	\$18.91	\$3,163	305							\$ 3,163	\$ 1,778	\$ 1,385
3/1/2020	10	460.905	155.91	\$16.89	\$2,633	305							\$ 2,633	\$ 1,588	\$ 1,046
3/1/2020	11	443.378	138.38	\$16.20	\$2,242	305							\$ 2,242	\$ 1,523	\$ 719
3/1/2020	12	428.682	123.68	\$15.50	\$1,917	305							\$ 1,917	\$ 1,457	\$ 460
3/1/2020	13	412.883	106.88	\$15.07	\$1,611	306							\$ 1,611	\$ 1,417	\$ 194
3/1/2020	14	401.085	93.09	\$14.02	\$1,305	308							\$ 1,305	\$ 1,305	\$ -
3/1/2020	15	396.111	92.11	\$13.86	\$1,277	304							\$ 1,277	\$ 1,277	\$ -
3/1/2020	16	397.975	100.98	\$14.54	\$1,468	297							\$ 1,468	\$ 1,367	\$ 101
3/1/2020	17	411.878	105.88	\$16.15	\$1,710	306							\$ 1,710	\$ 1,518	\$ 192
3/1/2020	18	431.648	126.65	\$18.61	\$2,357	305							\$ 2,357	\$ 1,749	\$ 608
3/1/2020	19	449.479	143.48	\$18.38	\$2,637	306							\$ 2,637	\$ 1,728	\$ 909
3/1/2020	20	440.44	135.44	\$18.14	\$2,457	305							\$ 2,457	\$ 1,705	\$ 752
3/1/2020	21	422.614	117.61	\$16.60	\$1,952	305							\$ 1,952	\$ 1,560	\$ 392
3/1/2020	22	401.671	96.67	\$14.84	\$1,435	305							\$ 1,435	\$ 1,395	\$ 40
3/1/2020	23	376.781	70.78	\$14.59	\$1,033	306							\$ 1,033	\$ 1,033	\$ -
3/2/2020	0	362.994	56.99	\$15.21	\$867	306							\$ 867	\$ 867	\$ -
3/2/2020	1	354.097	49.1	\$14.84	\$729	305							\$ 729	\$ 729	\$ -
3/2/2020	2	352.13	46.13	\$14.58	\$673	306							\$ 673	\$ 673	\$ -
3/2/2020	3	352.319	46.32	\$15.02	\$696	306							\$ 696	\$ 696	\$ -
3/2/2020	4	362.263	52.26	\$14.79	\$773	310							\$ 773	\$ 773	\$ -
3/2/2020	5	390.969	84.97	\$18.57	\$1,578	306							\$ 1,578	\$ 1,578	\$ -
3/2/2020	6	435.331	103.33	\$20.80	\$2,149	332							\$ 2,149	\$ 1,955	\$ 194
3/2/2020	7	468.202	120.2	\$23.58	\$2,834	348							\$ 2,834	\$ 2,217	\$ 618
3/2/2020	8	465.443	158.44	\$23.02	\$3,647	307							\$ 3,647	\$ 2,164	\$ 1,483
3/2/2020	9	468.627	208.63	\$22.52	\$4,698	260							\$ 4,698	\$ 2,117	\$ 2,581
3/2/2020	10	471.554	441.55	\$22.80	\$10,067	30							\$ 10,067	\$ 2,143	\$ 7,924
3/2/2020	11	472.579	472.58	\$22.45	\$10,609								\$ 10,609	\$ 2,110	\$ 8,499
3/2/2020	12	474.569	474.57	\$21.10	\$10,013								\$ 10,013	\$ 1,983	\$ 8,030
3/2/2020	13	475.532	475.53	\$21.36	\$10,157								\$ 10,157	\$ 2,008	\$ 8,149
3/2/2020	14	473.522	473.52	\$20.92	\$9,906								\$ 9,906	\$ 1,966	\$ 7,940
3/2/2020	15	473.496	473.5	\$20.36	\$9,640								\$ 9,640	\$ 1,914	\$ 7,727
3/2/2020	16	467.633	467.63	\$20.12	\$9,409								\$ 9,409	\$ 1,891	\$ 7,517
3/2/2020	17	477.446	477.45	\$22.58	\$10,781								\$ 10,781	\$ 2,123	\$ 8,658
3/2/2020	18	486.415	486.42	\$26.55	\$12,914								\$ 12,914	\$ 2,496	\$ 10,419
3/2/2020	19	487.622	487.62	\$25.69	\$12,527								\$ 12,527	\$ 2,415	\$ 10,112
3/2/2020	20	473.748	473.75	\$24.81	\$11,754								\$ 11,754	\$ 2,332	\$ 9,422
3/2/2020	21	453.985	453.99	\$21.19	\$9,620								\$ 9,620	\$ 1,992	\$ 7,628
3/2/2020	22	430.482	430.48	\$18.63	\$8,020								\$ 8,020	\$ 1,751	\$ 6,269
3/2/2020	23	404.813	404.81	\$17.27	\$6,991								\$ 6,991	\$ 1,623	\$ 5,368

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5			
3/3/2020	0	387.009	387.01	\$16.47	\$6,374							\$ 6,374	\$ 1,548	\$ 4,826
3/3/2020	1	376.07	376.07	\$16.28	\$6,122							\$ 6,122	\$ 1,530	\$ 4,592
3/3/2020	2	367.091	302.09	\$16.12	\$4,870	65						\$ 4,870	\$ 1,515	\$ 3,354
3/3/2020	3	367.989	203.99	\$16.29	\$3,323	164						\$ 3,323	\$ 1,531	\$ 1,792
3/3/2020	4	377.952	203.95	\$16.99	\$3,465	174						\$ 3,465	\$ 1,597	\$ 1,868
3/3/2020	5	403.567	229.57	\$18.64	\$4,279	174						\$ 4,279	\$ 1,752	\$ 2,527
3/3/2020	6	445.85	273.85	\$25.85	\$7,079	172						\$ 7,079	\$ 2,430	\$ 4,649
3/3/2020	7	466.614	293.61	\$24.71	\$7,255	173						\$ 7,255	\$ 2,323	\$ 4,932
3/3/2020	8	466.652	285.65	\$23.54	\$6,724	181						\$ 6,724	\$ 2,213	\$ 4,511
3/3/2020	9	466.488	267.49	\$24.24	\$6,484	199						\$ 6,484	\$ 2,279	\$ 4,205
3/3/2020	10	468.248	248.25	\$23.33	\$5,792	220						\$ 5,792	\$ 2,193	\$ 3,599
3/3/2020	11	469.162	239.16	\$22.35	\$5,345	230						\$ 5,345	\$ 2,101	\$ 3,244
3/3/2020	12	453.1	201.1	\$20.74	\$4,171	252						\$ 4,171	\$ 1,950	\$ 2,221
3/3/2020	13	445.201	164.2	\$20.56	\$3,376	281						\$ 3,376	\$ 1,933	\$ 1,443
3/3/2020	14	444.205	136.21	\$20.45	\$2,785	308						\$ 2,785	\$ 1,922	\$ 863
3/3/2020	15	445.153	92.15	\$20.13	\$1,855	353						\$ 1,855	\$ 1,855	\$ -
3/3/2020	16	438.102	38.1	\$20.20	\$770	400						\$ 770	\$ 770	\$ -
3/3/2020	17	449.949	6.95	\$21.30	\$148	443						\$ 148	\$ 148	\$ -
3/3/2020	18	464.787	0	\$0.00	\$0	488						\$ -	\$ -	\$ -
3/3/2020	19	483.629	0	\$0.00	\$0	533						\$ -	\$ -	\$ -
3/3/2020	20	479.716	0	\$0.00	\$0	577						\$ -	\$ -	\$ -
3/3/2020	21	464.128	0	\$0.00	\$0	604						\$ -	\$ -	\$ -
3/3/2020	22	440.692	0	\$0.00	\$0	604						\$ -	\$ -	\$ -
3/3/2020	23	418.011	0	\$0.00	\$0	563						\$ -	\$ -	\$ -
3/4/2020	0	404.179	0	\$0.00	\$0	475						\$ -	\$ -	\$ -
3/4/2020	1	397.361	60.36	\$13.54	\$817	337						\$ 817	\$ 817	\$ -
3/4/2020	2	396.205	89.21	\$12.82	\$1,144	307						\$ 1,144	\$ 1,144	\$ -
3/4/2020	3	398.958	91.96	\$13.00	\$1,195	307						\$ 1,195	\$ 1,195	\$ -
3/4/2020	4	411.716	105.72	\$14.82	\$1,567	306						\$ 1,567	\$ 1,393	\$ 174
3/4/2020	5	441.312	134.31	\$17.25	\$2,317	307						\$ 2,317	\$ 1,622	\$ 695
3/4/2020	6	489.32	96.32	\$24.93	\$2,401	393						\$ 2,401	\$ 2,343	\$ 58
3/4/2020	7	510.339	87.34	\$23.28	\$2,033	423						\$ 2,033	\$ 2,033	\$ -
3/4/2020	8	493.872	44.87	\$20.76	\$932	449						\$ 932	\$ 932	\$ -
3/4/2020	9	479.197	15.2	\$20.36	\$309	464						\$ 309	\$ 309	\$ -
3/4/2020	10	468.414	110.41	\$20.41	\$2,253	358						\$ 2,253	\$ 1,919	\$ 335
3/4/2020	11	459.56	148.56	\$19.59	\$2,910	311						\$ 2,910	\$ 1,841	\$ 1,069
3/4/2020	12	460.653	152.65	\$19.07	\$2,911	308						\$ 2,911	\$ 1,793	\$ 1,118
3/4/2020	13	456.63	102.63	\$19.01	\$1,951	354						\$ 1,951	\$ 1,787	\$ 164
3/4/2020	14	448.986	142.99	\$18.55	\$2,652	306						\$ 2,652	\$ 1,744	\$ 909
3/4/2020	15	445.047	137.05	\$18.27	\$2,504	308						\$ 2,504	\$ 1,717	\$ 787
3/4/2020	16	444.956	137.96	\$18.76	\$2,588	307						\$ 2,588	\$ 1,763	\$ 825
3/4/2020	17	446.728	138.73	\$20.46	\$2,838	308						\$ 2,838	\$ 1,923	\$ 915
3/4/2020	18	460.455	102.46	\$23.31	\$2,388	358						\$ 2,388	\$ 2,191	\$ 197
3/4/2020	19	478.156		\$0	\$0	507						\$ -	\$ -	\$ -
3/4/2020	20	477.077		\$0	\$0	601						\$ -	\$ -	\$ -
3/4/2020	21	463.277		\$0	\$0	577						\$ -	\$ -	\$ -
3/4/2020	22	441.77	0	\$0.00	\$0	552						\$ -	\$ -	\$ -
3/4/2020	23	421.258	0	\$0.00	\$0	422						\$ -	\$ -	\$ -
3/5/2020	0	405.487	74.49	\$17.16	\$1,278	331						\$ 1,278	\$ 1,278	\$ -
3/5/2020	1	401.519	95.52	\$16.71	\$1,596	306						\$ 1,596	\$ 1,571	\$ 25
3/5/2020	2	398.384	92.38	\$16.29	\$1,505	306						\$ 1,505	\$ 1,505	\$ -
3/5/2020	3	405.193	96.19	\$16.44	\$1,581	309						\$ 1,581	\$ 1,545	\$ 36
3/5/2020	4	423.697	45.7	\$17.50	\$800	378						\$ 800	\$ 800	\$ -
3/5/2020	5	453.974	65.97	\$19.69	\$1,299	388						\$ 1,299	\$ 1,299	\$ -
3/5/2020	6	501.747	38.75	\$35.79	\$1,387	463						\$ 1,387	\$ 1,387	\$ -
3/5/2020	7	524.345		\$0	\$0	556						\$ -	\$ -	\$ -



Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)			
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6		
3/5/2020	8	511.698			\$0	544						\$	-	\$	-	\$	-
3/5/2020	9	501.132	30.13	\$21.97	\$662	471						\$	662	\$	662	\$	-
3/5/2020	10	490.526	48.53	\$21.99	\$1,067	442						\$	1,067	\$	1,067	\$	-
3/5/2020	11	472.877	118.88	\$20.17	\$2,398	354						\$	2,398	\$	1,896	\$	502
3/5/2020	12	460.102	154.1	\$19.72	\$3,039	306						\$	3,039	\$	1,854	\$	1,185
3/5/2020	13	452.205	153.21	\$19.25	\$2,949	299						\$	2,949	\$	1,810	\$	1,140
3/5/2020	14	447.413	143.41	\$18.69	\$2,680	304						\$	2,680	\$	1,757	\$	923
3/5/2020	15	445.35	137.35	\$18.40	\$2,527	308						\$	2,527	\$	1,730	\$	798
3/5/2020	16	441.222	135.22	\$18.90	\$2,556	306						\$	2,556	\$	1,777	\$	779
3/5/2020	17	441.153	126.15	\$21.61	\$2,726	315						\$	2,726	\$	2,031	\$	695
3/5/2020	18	457.966	121.97	\$27.85	\$3,397	336						\$	3,397	\$	2,618	\$	779
3/5/2020	19	477.572	97.57	\$24.72	\$2,412	380						\$	2,412	\$	2,324	\$	88
3/5/2020	20	474.601	93.6	\$21.46	\$2,009	381						\$	2,009	\$	2,009	\$	-
3/5/2020	21	459.78	105.78	\$19.67	\$2,081	354						\$	2,081	\$	1,849	\$	232
3/5/2020	22	435.176	118.18	\$18.27	\$2,159	317						\$	2,159	\$	1,717	\$	442
3/5/2020	23	409.465	82.47	\$17.25	\$1,423	327						\$	1,423	\$	1,423	\$	-
3/6/2020	0	393.678	85.68	\$16.99	\$1,456	308						\$	1,456	\$	1,456	\$	-
3/6/2020	1	385.746	78.75	\$16.34	\$1,287	307						\$	1,287	\$	1,287	\$	-
3/6/2020	2	382.826	75.83	\$15.59	\$1,182	307						\$	1,182	\$	1,182	\$	-
3/6/2020	3	386.714	80.71	\$16.53	\$1,334	306						\$	1,334	\$	1,334	\$	-
3/6/2020	4	400.452	92.45	\$18.55	\$1,715	308						\$	1,715	\$	1,715	\$	-
3/6/2020	5	428.797	110.8	\$19.36	\$2,145	318						\$	2,145	\$	1,820	\$	325
3/6/2020	6	478.97	109.97	\$29.49	\$3,243	369						\$	3,243	\$	2,772	\$	471
3/6/2020	7	505.93	111.93	\$29.21	\$3,269	394						\$	3,269	\$	2,746	\$	524
3/6/2020	8	512.02	53.02	\$25.64	\$1,359	459						\$	1,359	\$	1,359	\$	-
3/6/2020	9	518.858	22.86	\$24.71	\$565	496						\$	565	\$	565	\$	-
3/6/2020	10	526.433			\$0	549						\$	-	\$	-	\$	-
3/6/2020	11	528.473			\$0	602						\$	-	\$	-	\$	-
3/6/2020	12	527.36			\$0	583						\$	-	\$	-	\$	-
3/6/2020	13	528.379			\$0	574						\$	-	\$	-	\$	-
3/6/2020	14	527.595			\$0	535						\$	-	\$	-	\$	-
3/6/2020	15	524.819	114.82	\$20.81	\$2,389	410						\$	2,389	\$	1,956	\$	433
3/6/2020	16	523.861	194.86	\$22.07	\$4,301	329						\$	4,301	\$	2,075	\$	2,226
3/6/2020	17	524.911	195.91	\$24.95	\$4,888	329						\$	4,888	\$	2,345	\$	2,543
3/6/2020	18	526.077	204.08	\$28.59	\$5,835	322						\$	5,835	\$	2,687	\$	3,147
3/6/2020	19	524.216	163.22	\$27.29	\$4,454	361						\$	4,454	\$	2,565	\$	1,889
3/6/2020	20	514.318	97.32	\$25.91	\$2,522	417						\$	2,522	\$	2,436	\$	86
3/6/2020	21	501.431			\$0	524						\$	-	\$	-	\$	-
3/6/2020	22	480.743			\$0	577						\$	-	\$	-	\$	-
3/6/2020	23	458.165			\$0	487						\$	-	\$	-	\$	-
3/7/2020	0	438.533	34.53	\$18.92	\$653	404						\$	653	\$	653	\$	-
3/7/2020	1	426.738	107.74	\$18.69	\$2,014	319						\$	2,014	\$	1,757	\$	257
3/7/2020	2	422.799	115.8	\$18.45	\$2,137	307						\$	2,137	\$	1,734	\$	402
3/7/2020	3	420.763	112.76	\$18.59	\$2,096	308						\$	2,096	\$	1,747	\$	349
3/7/2020	4	422.664	94.66	\$19.29	\$1,826	328						\$	1,826	\$	1,813	\$	13
3/7/2020	5	433.483	36.48	\$20.37	\$743	397						\$	743	\$	743	\$	-
3/7/2020	6	449.21	79.21	\$23.01	\$1,823	370						\$	1,823	\$	1,823	\$	-
3/7/2020	7	463.089	120.09	\$24.02	\$2,885	343						\$	2,885	\$	2,258	\$	627
3/7/2020	8	465.024	111.02	\$22.28	\$2,474	354						\$	2,474	\$	2,094	\$	379
3/7/2020	9	461.115	150.12	\$21.00	\$3,153	311						\$	3,153	\$	1,974	\$	1,179
3/7/2020	10	455.19	148.19	\$20.11	\$2,980	307						\$	2,980	\$	1,890	\$	1,090
3/7/2020	11	446.43	139.43	\$18.63	\$2,598	307						\$	2,598	\$	1,751	\$	846
3/7/2020	12	433.71	128.71	\$17.12	\$2,204	305						\$	2,204	\$	1,609	\$	594
3/7/2020	13	418.836	112.84	\$16.29	\$1,838	306						\$	1,838	\$	1,531	\$	307
3/7/2020	14	402.964	96.96	\$15.71	\$1,523	306						\$	1,523	\$	1,477	\$	47
3/7/2020	15	394.997	90	\$15.32	\$1,379	305						\$	1,379	\$	1,379	\$	-

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
3/7/2020	16		392.92	86.92	\$15.88	\$1,380	306							\$ 1,380	\$ 1,380	\$ -
3/7/2020	17		398.767	91.77	\$17.84	\$1,637	307							\$ 1,637	\$ 1,637	\$ -
3/7/2020	18		413.356	80.36	\$22.73	\$1,827	333							\$ 1,827	\$ 1,827	\$ -
3/7/2020	19		433.945	110.95	\$21.05	\$2,335	323							\$ 2,335	\$ 1,979	\$ 357
3/7/2020	20		433.709	124.71	\$20.94	\$2,611	309							\$ 2,611	\$ 1,968	\$ 643
3/7/2020	21		427.519	91.52	\$19.45	\$1,780	336							\$ 1,780	\$ 1,780	\$ -
3/7/2020	22		415.639	102.64	\$18.47	\$1,896	313							\$ 1,896	\$ 1,736	\$ 160
3/7/2020	23		400.648	49.65	\$16.90	\$839	351							\$ 839	\$ 839	\$ -
3/8/2020	0		393.141	72.14	\$17.90	\$1,291	321							\$ 1,291	\$ 1,291	\$ -
3/8/2020	1		388.147	72.14	\$17.01	\$1,227	321							\$ 1,227	\$ 1,227	\$ -
3/8/2020	2		387.967			\$0								\$ -	\$ -	\$ -
3/8/2020	3		397.702	57.97	\$18.46	\$1,070	330							\$ 1,070	\$ 1,070	\$ -
3/8/2020	4		413.424	25.7	\$19.98	\$513	372							\$ 513	\$ 513	\$ -
3/8/2020	5		430.096	26.42	\$21.02	\$555	387							\$ 555	\$ 555	\$ -
3/8/2020	6		432.981			\$0	464							\$ -	\$ -	\$ -
3/8/2020	7		427.128			\$0	563							\$ -	\$ -	\$ -
3/8/2020	8		420.394			\$0	592							\$ -	\$ -	\$ -
3/8/2020	9		412.894	0	\$0.00	\$0	585							\$ -	\$ -	\$ -
3/8/2020	10		404.281	0	\$0.00	\$0	561							\$ -	\$ -	\$ -
3/8/2020	11		392.728	0	\$0.00	\$0	502							\$ -	\$ -	\$ -
3/8/2020	12		381.935	26.73	\$14.62	\$391	366							\$ 391	\$ 391	\$ -
3/8/2020	13		374.866	71.94	\$13.88	\$999	310							\$ 999	\$ 999	\$ -
3/8/2020	14		377.868	66.87	\$13.75	\$919	308							\$ 919	\$ 919	\$ -
3/8/2020	15		382.928	71.87	\$13.71	\$985	306							\$ 985	\$ 985	\$ -
3/8/2020	16		388.873	75.93	\$14.52	\$1,103	307							\$ 1,103	\$ 1,103	\$ -
3/8/2020	17		404.605	81.87	\$16.21	\$1,327	307							\$ 1,327	\$ 1,327	\$ -
3/8/2020	18		429.3	97.61	\$22.54	\$2,200	307							\$ 2,200	\$ 2,119	\$ 81
3/8/2020	19		419.461	115.3	\$19.28	\$2,223	314							\$ 2,223	\$ 1,812	\$ 411
3/8/2020	20		397.812	108.46	\$16.91	\$1,834	311							\$ 1,834	\$ 1,590	\$ 245
3/8/2020	21		375.001	89.81	\$14.37	\$1,291	308							\$ 1,291	\$ 1,291	\$ -
3/8/2020	22		360.225	64	\$13.83	\$885	311							\$ 885	\$ 885	\$ -
3/8/2020	23		351.121	52.23	\$15.47	\$808	308							\$ 808	\$ 808	\$ -
3/9/2020	0		351.145	46.15	\$15.51	\$716	305							\$ 716	\$ 716	\$ -
3/9/2020	1		352.308	45.31	\$14.86	\$673	307							\$ 673	\$ 673	\$ -
3/9/2020	2		354.18	47.18	\$15.06	\$711	307							\$ 711	\$ 711	\$ -
3/9/2020	3		368.082	50.08	\$16.56	\$829	318							\$ 829	\$ 829	\$ -
3/9/2020	4		394.554	84.55	\$19.51	\$1,650	310							\$ 1,650	\$ 1,650	\$ -
3/9/2020	5		441.976	124.98	\$30.70	\$3,837	317							\$ 3,837	\$ 2,886	\$ 951
3/9/2020	6		476.677	94.68	\$35.76	\$3,386	382							\$ 3,386	\$ 3,361	\$ 24
3/9/2020	7		471.915	157.92	\$21.22	\$3,351	314							\$ 3,351	\$ 1,995	\$ 1,356
3/9/2020	8		464.325	158.33	\$19.90	\$3,151	306							\$ 3,151	\$ 1,871	\$ 1,280
3/9/2020	9		458.539	151.54	\$19.25	\$2,917	307							\$ 2,917	\$ 1,810	\$ 1,108
3/9/2020	10		452.657	145.66	\$18.11	\$2,638	307							\$ 2,638	\$ 1,702	\$ 936
3/9/2020	11		450.631	143.63	\$17.84	\$2,562	307							\$ 2,562	\$ 1,677	\$ 885
3/9/2020	12		443.683	136.68	\$17.70	\$2,419	307							\$ 2,419	\$ 1,664	\$ 755
3/9/2020	13		440.741	132.74	\$17.17	\$2,279	308							\$ 2,279	\$ 1,614	\$ 665
3/9/2020	14		437.754	131.75	\$16.91	\$2,228	306							\$ 2,228	\$ 1,590	\$ 638
3/9/2020	15		435.633	129.63	\$17.16	\$2,224	306							\$ 2,224	\$ 1,613	\$ 611
3/9/2020	16		436.828	129.83	\$17.28	\$2,243	307							\$ 2,243	\$ 1,624	\$ 619
3/9/2020	17		436.856	128.86	\$18.82	\$2,425	308							\$ 2,425	\$ 1,769	\$ 656
3/9/2020	18		449.662	135.66	\$24.41	\$3,311	314							\$ 3,311	\$ 2,295	\$ 1,017
3/9/2020	19		457.456	91.46	\$19.97	\$1,826	366							\$ 1,826	\$ 1,826	\$ -
3/9/2020	20		441.58	98.58	\$17.96	\$1,770	343							\$ 1,770	\$ 1,688	\$ 82
3/9/2020	21		415.014	108.01	\$15.42	\$1,666	307							\$ 1,666	\$ 1,449	\$ 216
3/9/2020	22		386.539	78.54	\$13.28	\$1,043	308							\$ 1,043	\$ 1,043	\$ -
3/9/2020	23		368.873	62.87	\$12.16	\$764	306							\$ 764	\$ 764	\$ -

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)	
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6
3/10/2020	0	357.124	50.12	\$11.78	\$590	307							\$ 590	\$ 590	\$ -
3/10/2020	1	349.262	42.26	\$11.36	\$480	307							\$ 480	\$ 480	\$ -
3/10/2020	2	345.349	38.35	\$11.56	\$443	307							\$ 443	\$ 443	\$ -
3/10/2020	3	354.17	48.17	\$12.47	\$601	306							\$ 601	\$ 601	\$ -
3/10/2020	4	377.892	71.89	\$15.94	\$1,146	306							\$ 1,146	\$ 1,146	\$ -
3/10/2020	5	422.283	108.28	\$20.59	\$2,229	314							\$ 2,229	\$ 1,935	\$ 294
3/10/2020	6	454.81	113.81	\$22.38	\$2,547	341							\$ 2,547	\$ 2,104	\$ 443
3/10/2020	7	455.524	62.52	\$20.86	\$1,304	393							\$ 1,304	\$ 1,304	\$ -
3/10/2020	8	456.29	83.29	\$20.52	\$1,709	373							\$ 1,709	\$ 1,709	\$ -
3/10/2020	9	456.053	63.05	\$20.43	\$1,288	393							\$ 1,288	\$ 1,288	\$ -
3/10/2020	10	450.853	55.85	\$19.87	\$1,110	395							\$ 1,110	\$ 1,110	\$ -
3/10/2020	11	449.826	74.83	\$20.19	\$1,511	375							\$ 1,511	\$ 1,511	\$ -
3/10/2020	12	452.586	79.59	\$20.40	\$1,624	373							\$ 1,624	\$ 1,624	\$ -
3/10/2020	13	450.758	125.76	\$19.14	\$2,407	325							\$ 2,407	\$ 1,799	\$ 608
3/10/2020	14	454.655	125.66	\$19.31	\$2,426	329							\$ 2,426	\$ 1,815	\$ 611
3/10/2020	15	450.587	110.59	\$19.56	\$2,163	340							\$ 2,163	\$ 1,839	\$ 325
3/10/2020	16	449.625	133.63	\$20.44	\$2,731	316							\$ 2,731	\$ 1,921	\$ 810
3/10/2020	17	455.735	147.74	\$21.76	\$3,215	308							\$ 3,215	\$ 2,045	\$ 1,169
3/10/2020	18	465.504	95.5	\$30.31	\$2,895	370							\$ 2,895	\$ 2,849	\$ 45
3/10/2020	19	470.248	33.25	\$23.78	\$791	437							\$ 791	\$ 791	\$ -
3/10/2020	20	456.171	0	\$0.00	\$0	457							\$ -	\$ -	\$ -
3/10/2020	21	432.564	0	\$0.00	\$0	441							\$ -	\$ -	\$ -
3/10/2020	22	408.55	50.55	\$16.66	\$842	358							\$ 842	\$ 842	\$ -
3/10/2020	23	391.43	83.43	\$15.66	\$1,307	308							\$ 1,307	\$ 1,307	\$ -
3/11/2020	0	376.858	69.86	\$15.08	\$1,053	307							\$ 1,053	\$ 1,053	\$ -
3/11/2020	1	370.966	65.97	\$14.97	\$988	305							\$ 988	\$ 988	\$ -
3/11/2020	2	370.941	63.94	\$14.88	\$951	307							\$ 951	\$ 951	\$ -
3/11/2020	3	379.594	72.59	\$16.30	\$1,183	307							\$ 1,183	\$ 1,183	\$ -
3/11/2020	4	401.601	94.6	\$17.82	\$1,686	307							\$ 1,686	\$ 1,675	\$ 11
3/11/2020	5	447.69	122.69	\$27.14	\$3,330	325							\$ 3,330	\$ 2,551	\$ 779
3/11/2020	6	479.123	91.12	\$30.85	\$2,811	388							\$ 2,811	\$ 2,811	\$ -
3/11/2020	7	475.193	94.19	\$24.04	\$2,264	381							\$ 2,264	\$ 2,260	\$ 5
3/11/2020	8	474.123	9.12	\$23.43	\$214	465							\$ 214	\$ 214	\$ -
3/11/2020	9	475.938			\$0	579							\$ -	\$ -	\$ -
3/11/2020	10	474.965			\$0	594							\$ -	\$ -	\$ -
3/11/2020	11	472.036			\$0	595							\$ -	\$ -	\$ -
3/11/2020	12	472.054			\$0	560							\$ -	\$ -	\$ -
3/11/2020	13	466.246	0	\$0.00	\$0	478							\$ -	\$ -	\$ -
3/11/2020	14	454.549	93.55	\$19.57	\$1,831	361							\$ 1,831	\$ 1,831	\$ -
3/11/2020	15	441.733	138.73	\$19.62	\$2,722	303							\$ 2,722	\$ 1,844	\$ 878
3/11/2020	16	440.733	108.73	\$20.21	\$2,197	332							\$ 2,197	\$ 1,900	\$ 298
3/11/2020	17	441.802	110.8	\$21.52	\$2,384	331							\$ 2,384	\$ 2,023	\$ 362
3/11/2020	18	456.723	112.72	\$25.02	\$2,820	344							\$ 2,820	\$ 2,352	\$ 468
3/11/2020	19	469.35			\$0	482							\$ -	\$ -	\$ -
3/11/2020	20	458.28	0	\$0.00	\$0	550							\$ -	\$ -	\$ -
3/11/2020	21	437.628	0	\$0.00	\$0	568							\$ -	\$ -	\$ -
3/11/2020	22	417.323	0	\$0.00	\$0	485							\$ -	\$ -	\$ -
3/11/2020	23	399.082	14.08	\$17.46	\$246	385							\$ 246	\$ 246	\$ -
3/12/2020	0	390.539	85.54	\$16.91	\$1,446	305							\$ 1,446	\$ 1,446	\$ -
3/12/2020	1	384.645	78.65	\$16.48	\$1,296	306							\$ 1,296	\$ 1,296	\$ -
3/12/2020	2	385.609	78.61	\$17.03	\$1,339	307							\$ 1,339	\$ 1,339	\$ -
3/12/2020	3	397.391	91.39	\$17.51	\$1,600	306							\$ 1,600	\$ 1,600	\$ -
3/12/2020	4	419.687	112.69	\$19.76	\$2,227	307							\$ 2,227	\$ 1,857	\$ 369
3/12/2020	5	456.95	124.95	\$30.67	\$3,832	332							\$ 3,832	\$ 2,883	\$ 949
3/12/2020	6	486.383			\$0	523							\$ -	\$ -	\$ -
3/12/2020	7	476.42			\$0	600							\$ -	\$ -	\$ -

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)	
3/12/2020	8	468.466			\$0	605							\$	-	\$	-
3/12/2020	9	463.378			\$0	603							\$	-	\$	-
3/12/2020	10	452.611			\$0	603							\$	-	\$	-
3/12/2020	11	445.59	0	\$0.00	\$0	603							\$	-	\$	-
3/12/2020	12	445.655	0	\$0.00	\$0	600							\$	-	\$	-
3/12/2020	13	446.615	0	\$0.00	\$0	603							\$	-	\$	-
3/12/2020	14	448.756	0	\$0.00	\$0	603							\$	-	\$	-
3/12/2020	15	443.134	0	\$0.00	\$0	565							\$	-	\$	-
3/12/2020	16	450.326	27.33	\$18.91	\$517	423							\$	517	\$	517
3/12/2020	17	457.337	121.34	\$20.96	\$2,543	336							\$	2,543	\$	1,970
3/12/2020	18	462.051	105.05	\$27.72	\$2,912	357							\$	2,912	\$	2,606
3/12/2020	19	461.731	57.73	\$23.57	\$1,361	404							\$	1,361	\$	1,361
3/12/2020	20	445.83	127.83	\$19.51	\$2,494	318							\$	2,494	\$	1,834
3/12/2020	21	421.335	113.34	\$17.98	\$2,038	308							\$	2,038	\$	1,690
3/12/2020	22	394.943	87.94	\$15.64	\$1,375	307							\$	1,375	\$	1,375
3/12/2020	23	375.354	67.35	\$13.44	\$905	308							\$	905	\$	905
3/13/2020	0	362.625	56.63	\$12.81	\$725	306							\$	725	\$	725
3/13/2020	1	350.922	42.92	\$12.45	\$534	308							\$	534	\$	534
3/13/2020	2	347.054	41.05	\$12.20	\$501	306							\$	501	\$	501
3/13/2020	3	354.915	47.92	\$13.14	\$630	307							\$	630	\$	630
3/13/2020	4	374.562	67.56	\$14.57	\$984	307							\$	984	\$	984
3/13/2020	5	415.835	101.84	\$18.79	\$1,914	314							\$	1,914	\$	1,766
3/13/2020	6	453.407	145.41	\$22.31	\$3,244	308							\$	3,244	\$	2,097
3/13/2020	7	453.253	91.25	\$20.04	\$1,829	362							\$	1,829	\$	1,829
3/13/2020	8	450.052	14.05	\$19.76	\$278	436							\$	278	\$	278
3/13/2020	9	444.931			\$0	553							\$	-	\$	-
3/13/2020	10	444.028			\$0	603							\$	-	\$	-
3/13/2020	11	440.177			\$0	603							\$	-	\$	-
3/13/2020	12	435.385			\$0	606							\$	-	\$	-
3/13/2020	13	430.512			\$0	605							\$	-	\$	-
3/13/2020	14	425.589			\$0	603							\$	-	\$	-
3/13/2020	15	420.711			\$0	527							\$	-	\$	-
3/13/2020	16	422.877	0	\$0.00	\$0	425							\$	-	\$	-
3/13/2020	17	427.084	109.08	\$17.89	\$1,951	318							\$	1,951	\$	1,682
3/13/2020	18	436.947	121.95	\$20.25	\$2,469	315							\$	2,469	\$	1,904
3/13/2020	19	449.456	141.46	\$20.38	\$2,883	308							\$	2,883	\$	1,916
3/13/2020	20	443.388	125.39	\$18.87	\$2,366	318							\$	2,366	\$	1,774
3/13/2020	21	426.778	119.78	\$17.46	\$2,091	307							\$	2,091	\$	1,641
3/13/2020	22	409.312	102.31	\$15.03	\$1,538	307							\$	1,538	\$	1,413
3/13/2020	23	392.658	87.66	\$14.94	\$1,310	305							\$	1,310	\$	1,310
3/14/2020	0	382.896	76.9	\$14.93	\$1,148	306							\$	1,148	\$	1,148
3/14/2020	1	378.953	72.95	\$14.58	\$1,064	306							\$	1,064	\$	1,064
3/14/2020	2	377.97	70.97	\$14.82	\$1,052	307							\$	1,052	\$	1,052
3/14/2020	3	379.91	73.91	\$15.40	\$1,138	306							\$	1,138	\$	1,138
3/14/2020	4	387.797	81.8	\$15.87	\$1,298	306							\$	1,298	\$	1,298
3/14/2020	5	399.507	92.51	\$17.69	\$1,637	307							\$	1,637	\$	1,637
3/14/2020	6	416.677	109.68	\$21.76	\$2,387	307							\$	2,387	\$	2,045
3/14/2020	7	426.081	129.08	\$20.72	\$2,675	297							\$	2,675	\$	1,948
3/14/2020	8	441.817	131.82	\$20.45	\$2,696	310							\$	2,696	\$	1,922
3/14/2020	9	453.613	146.61	\$20.56	\$3,014	307							\$	3,014	\$	1,933
3/14/2020	10	461.497	95.5	\$20.54	\$1,962	366							\$	1,962	\$	1,931
3/14/2020	11	461.318	3.32	\$19.79	\$66	458							\$	66	\$	66
3/14/2020	12	464.326	49.33	\$18.81	\$928	415							\$	928	\$	928
3/14/2020	13	460.509	95.51	\$17.64	\$1,685	365							\$	1,685	\$	1,658
3/14/2020	14	458.527	149.53	\$17.76	\$2,656	309							\$	2,656	\$	1,669
3/14/2020	15	458.431	151.43	\$17.97	\$2,721	307							\$	2,721	\$	1,689

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)			
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6		
3/14/2020	16	464.154	73.15	\$18.34	\$1,342	391						\$	1,342	\$	1,342	\$	-
3/14/2020	17	468.107	77.11	\$19.20	\$1,481	391						\$	1,481	\$	1,481	\$	-
3/14/2020	18	471.978	97.98	\$23.52	\$2,304	374						\$	2,304	\$	2,211	\$	94
3/14/2020	19	472.945	36.95	\$21.36	\$789	436						\$	789	\$	789	\$	-
3/14/2020	20	463.235	106.24	\$19.53	\$2,075	357						\$	2,075	\$	1,836	\$	239
3/14/2020	21	446.509	113.51	\$18.67	\$2,119	333						\$	2,119	\$	1,755	\$	364
3/14/2020	22	426.022	117.02	\$17.29	\$2,023	309						\$	2,023	\$	1,625	\$	398
3/14/2020	23	410.561	104.56	\$16.28	\$1,702	306						\$	1,702	\$	1,530	\$	172
3/15/2020	0	400.131	94.13	\$16.38	\$1,542	306						\$	1,542	\$	1,540	\$	2
3/15/2020	1	392.428	85.43	\$14.78	\$1,263	307						\$	1,263	\$	1,263	\$	-
3/15/2020	2	390.552	93.55	\$16.17	\$1,513	297						\$	1,513	\$	1,513	\$	-
3/15/2020	3	393.564	87.56	\$16.25	\$1,423	306						\$	1,423	\$	1,423	\$	-
3/15/2020	4	401.417	95.42	\$16.31	\$1,556	306						\$	1,556	\$	1,533	\$	23
3/15/2020	5	412.239	107.24	\$17.44	\$1,870	305						\$	1,870	\$	1,639	\$	231
3/15/2020	6	425.978	122.98	\$18.89	\$2,323	303						\$	2,323	\$	1,776	\$	547
3/15/2020	7	433.48	125.48	\$19.41	\$2,436	308						\$	2,436	\$	1,825	\$	611
3/15/2020	8	453.643	131.64	\$19.56	\$2,575	322						\$	2,575	\$	1,839	\$	736
3/15/2020	9	468.152	102.15	\$19.70	\$2,012	366						\$	2,012	\$	1,852	\$	161
3/15/2020	10	473.216	165.22	\$19.12	\$3,159	308						\$	3,159	\$	1,797	\$	1,362
3/15/2020	11	458.464	153.46	\$18.80	\$2,885	305						\$	2,885	\$	1,767	\$	1,118
3/15/2020	12	435.786	129.79	\$17.98	\$2,334	306						\$	2,334	\$	1,690	\$	644
3/15/2020	13	423.141	116.14	\$16.70	\$1,940	307						\$	1,940	\$	1,570	\$	370
3/15/2020	14	423.442	116.44	\$16.67	\$1,941	307						\$	1,941	\$	1,567	\$	374
3/15/2020	15	430.423	124.42	\$17.70	\$2,202	306						\$	2,202	\$	1,664	\$	538
3/15/2020	16	443.037	133.04	\$18.44	\$2,453	310						\$	2,453	\$	1,733	\$	720
3/15/2020	17	448.72	141.72	\$19.40	\$2,749	307						\$	2,749	\$	1,824	\$	926
3/15/2020	18	458.399	107.4	\$25.94	\$2,786	351						\$	2,786	\$	2,438	\$	348
3/15/2020	19	463.203	11.2	\$25.25	\$283	452						\$	283	\$	283	\$	-
3/15/2020	20	450.394			\$0	496						\$	-	\$	-	\$	-
3/15/2020	21	430.746	42.75	\$18.75	\$802	388						\$	802	\$	802	\$	-
3/15/2020	22	410.37	105.37	\$17.59	\$1,853	305						\$	1,853	\$	1,653	\$	200
3/15/2020	23	396.775	89.78	\$17.02	\$1,528	307						\$	1,528	\$	1,528	\$	-
3/16/2020	0	388.003	82	\$17.43	\$1,429	306						\$	1,429	\$	1,429	\$	-
3/16/2020	1	384.288	79.29	\$17.37	\$1,377	305						\$	1,377	\$	1,377	\$	-
3/16/2020	2	385.128	78.13	\$17.35	\$1,356	307						\$	1,356	\$	1,356	\$	-
3/16/2020	3	396.643	89.64	\$18.04	\$1,617	307						\$	1,617	\$	1,617	\$	-
3/16/2020	4	422.999	118	\$19.61	\$2,314	305						\$	2,314	\$	1,843	\$	471
3/16/2020	5	458.393	143.39	\$29.48	\$4,227	315						\$	4,227	\$	2,771	\$	1,456
3/16/2020	6	488.842	56.84	\$41.62	\$2,366	432						\$	2,366	\$	2,366	\$	-
3/16/2020	7	490.584			\$0	570						\$	-	\$	-	\$	-
3/16/2020	8	490.563			\$0	596						\$	-	\$	-	\$	-
3/16/2020	9	490.536			\$0	605						\$	-	\$	-	\$	-
3/16/2020	10	475.755			\$0	586						\$	-	\$	-	\$	-
3/16/2020	11	472.807			\$0	591						\$	-	\$	-	\$	-
3/16/2020	12	467.966			\$0	598						\$	-	\$	-	\$	-
3/16/2020	13	461.323	0	\$0.00	\$0	535						\$	-	\$	-	\$	-
3/16/2020	14	465.374	0	\$0.00	\$0	505						\$	-	\$	-	\$	-
3/16/2020	15	468.376	24.38	\$19.53	\$476	444						\$	476	\$	476	\$	-
3/16/2020	16	469.336	5.34	\$19.95	\$107	464						\$	107	\$	107	\$	-
3/16/2020	17	470.292	0	\$0.00	\$0	476						\$	-	\$	-	\$	-
3/16/2020	18	472.181			\$0	507						\$	-	\$	-	\$	-
3/16/2020	19	477.064			\$0	529						\$	-	\$	-	\$	-
3/16/2020	20	459.315	0	\$0.00	\$0	540						\$	-	\$	-	\$	-
3/16/2020	21	436.757	0	\$0.00	\$0	467						\$	-	\$	-	\$	-
3/16/2020	22	416.236	76.24	\$17.73	\$1,352	340						\$	1,352	\$	1,352	\$	-
3/16/2020	23	399.722	90.72	\$16.33	\$1,481	309						\$	1,481	\$	1,481	\$	-

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)			
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6		
3/17/2020	0	392.279	86.28	\$15.96	\$1,377	306						\$	1,377	\$	1,377	\$	-
3/17/2020	1	383.515	77.52	\$15.13	\$1,173	306						\$	1,173	\$	1,173	\$	-
3/17/2020	2	381.545	75.55	\$15.08	\$1,139	306						\$	1,139	\$	1,139	\$	-
3/17/2020	3	391.323	85.32	\$16.37	\$1,397	306						\$	1,397	\$	1,397	\$	-
3/17/2020	4	410.472	104.47	\$18.25	\$1,907	306						\$	1,907	\$	1,716	\$	191
3/17/2020	5	439.867	132.87	\$24.52	\$3,258	307						\$	3,258	\$	2,305	\$	953
3/17/2020	6	468.37	150.37	\$26.65	\$4,007	318						\$	4,007	\$	2,505	\$	1,502
3/17/2020	7	479.171	142.17	\$25.90	\$3,682	337						\$	3,682	\$	2,435	\$	1,248
3/17/2020	8	481.885	51.89	\$27.31	\$1,417	430						\$	1,417	\$	1,417	\$	-
3/17/2020	9	484.716	14.72	\$27.77	\$409	470						\$	409	\$	409	\$	-
3/17/2020	10	488.625			\$0	550						\$	-	\$	-	\$	-
3/17/2020	11	483.777			\$0	577						\$	-	\$	-	\$	-
3/17/2020	12	474.053			\$0	526						\$	-	\$	-	\$	-
3/17/2020	13	461.416	46.42	\$19.53	\$907	415						\$	907	\$	907	\$	-
3/17/2020	14	447.761	115.76	\$19.31	\$2,235	332						\$	2,235	\$	1,815	\$	420
3/17/2020	15	435.217	127.22	\$19.13	\$2,434	308						\$	2,434	\$	1,798	\$	635
3/17/2020	16	433.237	128.24	\$19.44	\$2,493	305						\$	2,493	\$	1,827	\$	666
3/17/2020	17	431.988	124.99	\$20.13	\$2,516	307						\$	2,516	\$	1,892	\$	624
3/17/2020	18	441.712	128.71	\$24.46	\$3,148	313						\$	3,148	\$	2,299	\$	849
3/17/2020	19	462.484	119.48	\$23.30	\$2,784	343						\$	2,784	\$	2,190	\$	594
3/17/2020	20	453.619	147.62	\$20.70	\$3,056	306						\$	3,056	\$	1,946	\$	1,110
3/17/2020	21	437.063	131.06	\$18.60	\$2,438	306						\$	2,438	\$	1,748	\$	689
3/17/2020	22	418.739	111.74	\$17.16	\$1,917	307						\$	1,917	\$	1,613	\$	304
3/17/2020	23	409.141	103.14	\$16.12	\$1,663	306						\$	1,663	\$	1,515	\$	147
3/18/2020	0	400.421	93.42	\$15.63	\$1,460	307						\$	1,460	\$	1,460	\$	-
3/18/2020	1	395.449	89.45	\$14.76	\$1,320	306						\$	1,320	\$	1,320	\$	-
3/18/2020	2	397.399	99.4	\$15.19	\$1,510	298						\$	1,510	\$	1,428	\$	82
3/18/2020	3	407.006	101.01	\$16.22	\$1,638	306						\$	1,638	\$	1,525	\$	114
3/18/2020	4	427.135	121.14	\$17.45	\$2,114	306						\$	2,114	\$	1,640	\$	474
3/18/2020	5	457.405	150.41	\$20.28	\$3,050	307						\$	3,050	\$	1,906	\$	1,144
3/18/2020	6	486.904	146.9	\$24.63	\$3,618	340						\$	3,618	\$	2,315	\$	1,303
3/18/2020	7	494.795	177.8	\$21.47	\$3,817	317						\$	3,817	\$	2,018	\$	1,799
3/18/2020	8	492.837	176.84	\$20.75	\$3,669	316						\$	3,669	\$	1,951	\$	1,719
3/18/2020	9	496.824	189.82	\$20.79	\$3,946	307						\$	3,946	\$	1,954	\$	1,992
3/18/2020	10	494.788	180.79	\$20.22	\$3,656	314						\$	3,656	\$	1,901	\$	1,755
3/18/2020	11	492.791	156.79	\$19.68	\$3,086	336						\$	3,086	\$	1,850	\$	1,236
3/18/2020	12	490.743	57.74	\$20.01	\$1,155	433						\$	1,155	\$	1,155	\$	-
3/18/2020	13	488.777	0	\$0.00	\$0	542						\$	-	\$	-	\$	-
3/18/2020	14	483.045	32.05	\$18.48	\$592	451						\$	592	\$	592	\$	-
3/18/2020	15	476.214	135.21	\$18.76	\$2,537	341						\$	2,537	\$	1,763	\$	773
3/18/2020	16	476.171	121.17	\$19.24	\$2,331	355						\$	2,331	\$	1,809	\$	523
3/18/2020	17	474.235	122.24	\$19.58	\$2,393	352						\$	2,393	\$	1,841	\$	553
3/18/2020	18	468.299	101.3	\$22.02	\$2,231	367						\$	2,231	\$	2,070	\$	161
3/18/2020	19	464.489	119.49	\$21.05	\$2,515	345						\$	2,515	\$	1,979	\$	537
3/18/2020	20	445.772	105.77	\$19.45	\$2,057	340						\$	2,057	\$	1,828	\$	229
3/18/2020	21	420.479	114.48	\$17.83	\$2,041	306						\$	2,041	\$	1,676	\$	365
3/18/2020	22	399.016	92.02	\$16.24	\$1,494	307						\$	1,494	\$	1,494	\$	-
3/18/2020	23	378.622	72.62	\$14.39	\$1,045	306						\$	1,045	\$	1,045	\$	-
3/19/2020	0	365.005	68.01	\$13.89	\$945	297						\$	945	\$	945	\$	-
3/19/2020	1	357.178	50.18	\$12.83	\$644	307						\$	644	\$	644	\$	-
3/19/2020	2	354.112	48.11	\$13.31	\$640	306						\$	640	\$	640	\$	-
3/19/2020	3	357.913	49.91	\$13.73	\$685	308						\$	685	\$	685	\$	-
3/19/2020	4	372.535	66.54	\$15.42	\$1,026	306						\$	1,026	\$	1,026	\$	-
3/19/2020	5	400.803	93.8	\$17.96	\$1,685	307						\$	1,685	\$	1,685	\$	-
3/19/2020	6	426.901	120.9	\$19.32	\$2,336	306						\$	2,336	\$	1,816	\$	520
3/19/2020	7	435.738	125.74	\$19.67	\$2,473	310						\$	2,473	\$	1,849	\$	624

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
3/19/2020	8	439.557	122.56	\$19.99	\$2,450	317							\$ 2,450	\$ 1,879	\$ 571
3/19/2020	9	447.347	140.35	\$19.79	\$2,778	307							\$ 2,778	\$ 1,860	\$ 917
3/19/2020	10	451.429	146.43	\$19.43	\$2,845	305							\$ 2,845	\$ 1,826	\$ 1,019
3/19/2020	11	455.323	146.32	\$18.93	\$2,770	309							\$ 2,770	\$ 1,779	\$ 990
3/19/2020	12	456.217	150.22	\$19.01	\$2,856	306							\$ 2,856	\$ 1,787	\$ 1,069
3/19/2020	13	455.418	146.42	\$17.82	\$2,609	309							\$ 2,609	\$ 1,675	\$ 934
3/19/2020	14	455.442	149.44	\$17.81	\$2,662	306							\$ 2,662	\$ 1,674	\$ 987
3/19/2020	15	453.673	146.67	\$17.90	\$2,625	307							\$ 2,625	\$ 1,683	\$ 943
3/19/2020	16	452.545	144.55	\$18.00	\$2,602	308							\$ 2,602	\$ 1,692	\$ 910
3/19/2020	17	450.613	143.61	\$18.14	\$2,605	307							\$ 2,605	\$ 1,705	\$ 900
3/19/2020	18	452.913	144.91	\$19.33	\$2,801	308							\$ 2,801	\$ 1,817	\$ 984
3/19/2020	19	450.216	144.22	\$19.26	\$2,778	306							\$ 2,778	\$ 1,810	\$ 967
3/19/2020	20	428.762	120.76	\$17.26	\$2,084	308							\$ 2,084	\$ 1,622	\$ 462
3/19/2020	21	412.209	113.21	\$14.16	\$1,603	299							\$ 1,603	\$ 1,331	\$ 272
3/19/2020	22	387.765	79.77	\$12.96	\$1,034	308							\$ 1,034	\$ 1,034	\$ -
3/19/2020	23	370.714	64.71	\$10.70	\$692	306							\$ 692	\$ 692	\$ -
3/20/2020	0	355.881	50.88	\$10.51	\$535	305							\$ 535	\$ 535	\$ -
3/20/2020	1	346.017	39.02	\$10.26	\$400	307							\$ 400	\$ 400	\$ -
3/20/2020	2	341.962	34.96	\$10.40	\$364	307							\$ 364	\$ 364	\$ -
3/20/2020	3	344.94	36.94	\$10.54	\$389	308							\$ 389	\$ 389	\$ -
3/20/2020	4	355.817	51.82	\$12.42	\$644	304							\$ 644	\$ 644	\$ -
3/20/2020	5	385.392	98.39	\$15.83	\$1,558	287							\$ 1,558	\$ 1,488	\$ 69
3/20/2020	6	413.151	105.15	\$18.57	\$1,953	308							\$ 1,953	\$ 1,746	\$ 207
3/20/2020	7	417.87	121.87	\$19.65	\$2,395	296							\$ 2,395	\$ 1,847	\$ 548
3/20/2020	8	427.788	118.79	\$17.73	\$2,106	309							\$ 2,106	\$ 1,667	\$ 440
3/20/2020	9	439.609	130.61	\$18.31	\$2,391	309							\$ 2,391	\$ 1,721	\$ 670
3/20/2020	10	439.604	132.6	\$18.61	\$2,468	307							\$ 2,468	\$ 1,749	\$ 718
3/20/2020	11	443.664	136.66	\$18.54	\$2,534	307							\$ 2,534	\$ 1,743	\$ 791
3/20/2020	12	441.608	134.61	\$18.80	\$2,531	307							\$ 2,531	\$ 1,767	\$ 763
3/20/2020	13	441.673	134.67	\$18.48	\$2,489	307							\$ 2,489	\$ 1,737	\$ 752
3/20/2020	14	428.833	120.83	\$17.80	\$2,151	308							\$ 2,151	\$ 1,673	\$ 478
3/20/2020	15	419.895	120.9	\$18.08	\$2,186	299							\$ 2,186	\$ 1,700	\$ 486
3/20/2020	16	416.909	109.91	\$18.36	\$2,018	307							\$ 2,018	\$ 1,726	\$ 292
3/20/2020	17	415.889	107.89	\$18.78	\$2,026	308							\$ 2,026	\$ 1,765	\$ 261
3/20/2020	18	417.899	99.9	\$20.17	\$2,015	318							\$ 2,015	\$ 1,896	\$ 119
3/20/2020	19	419.85	110.85	\$20.02	\$2,219	309							\$ 2,219	\$ 1,882	\$ 337
3/20/2020	20	406.086	94.09	\$18.90	\$1,778	312							\$ 1,778	\$ 1,777	\$ 2
3/20/2020	21	388.532	82.53	\$16.51	\$1,363	306							\$ 1,363	\$ 1,363	\$ -
3/20/2020	22	372.827	66.83	\$15.26	\$1,020	306							\$ 1,020	\$ 1,020	\$ -
3/20/2020	23	358.968	48.97	\$13.11	\$642	310							\$ 642	\$ 642	\$ -
3/21/2020	0	352.131	27.13	\$13.47	\$365	325							\$ 365	\$ 365	\$ -
3/21/2020	1	350.253	32.25	\$11.91	\$384	318							\$ 384	\$ 384	\$ -
3/21/2020	2	354.196	49.2	\$11.69	\$575	305							\$ 575	\$ 575	\$ -
3/21/2020	3	360.076	55.08	\$12.29	\$677	305							\$ 677	\$ 677	\$ -
3/21/2020	4	371.936	64.94	\$13.12	\$852	307							\$ 852	\$ 852	\$ -
3/21/2020	5	386.641	80.64	\$14.57	\$1,175	306							\$ 1,175	\$ 1,175	\$ -
3/21/2020	6	400.445	94.45	\$17.01	\$1,607	306							\$ 1,607	\$ 1,599	\$ 8
3/21/2020	7	419.183	112.18	\$18.55	\$2,081	307							\$ 2,081	\$ 1,744	\$ 337
3/21/2020	8	435.77	92.77	\$19.54	\$1,813	343							\$ 1,813	\$ 1,813	\$ -
3/21/2020	9	450.571	134.57	\$19.66	\$2,646	316							\$ 2,646	\$ 1,848	\$ 798
3/21/2020	10	455.496	116.5	\$19.09	\$2,224	339							\$ 2,224	\$ 1,794	\$ 430
3/21/2020	11	458.435	147.44	\$18.49	\$2,726	311							\$ 2,726	\$ 1,738	\$ 988
3/21/2020	12	454.472	148.47	\$17.64	\$2,619	306							\$ 2,619	\$ 1,658	\$ 961
3/21/2020	13	447.532	131.53	\$16.71	\$2,198	316							\$ 2,198	\$ 1,571	\$ 627
3/21/2020	14	438.564	132.56	\$16.18	\$2,145	306							\$ 2,145	\$ 1,521	\$ 624
3/21/2020	15	442.408	145.41	\$16.99	\$2,471	297							\$ 2,471	\$ 1,597	\$ 873

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)			
3/21/2020	16	445.316	116.32	\$17.90	\$2,082	329								\$	2,082	\$	1,683	\$	400
3/21/2020	17	448.225	135.23	\$18.67	\$2,525	313								\$	2,525	\$	1,755	\$	770
3/21/2020	18	449.064	98.06	\$22.08	\$2,165	351								\$	2,165	\$	2,076	\$	90
3/21/2020	19	459.07	68.07	\$20.67	\$1,407	391								\$	1,407	\$	1,407	\$	-
3/21/2020	20	442.343	84.34	\$19.34	\$1,631	358								\$	1,631	\$	1,631	\$	-
3/21/2020	21	426.713	122.71	\$17.15	\$2,104	304								\$	2,104	\$	1,612	\$	492
3/21/2020	22	411.075	105.08	\$16.30	\$1,713	306								\$	1,713	\$	1,532	\$	181
3/21/2020	23	400.232	95.23	\$15.77	\$1,502	305								\$	1,502	\$	1,482	\$	19
3/22/2020	0	393.494	86.49	\$16.07	\$1,390	307								\$	1,390	\$	1,390	\$	-
3/22/2020	1	390.565	86.57	\$15.71	\$1,360	304								\$	1,360	\$	1,360	\$	-
3/22/2020	2	393.506	87.51	\$15.71	\$1,375	306								\$	1,375	\$	1,375	\$	-
3/22/2020	3	401.367	95.37	\$16.11	\$1,536	306								\$	1,536	\$	1,514	\$	22
3/22/2020	4	408.282	102.28	\$16.73	\$1,711	306								\$	1,711	\$	1,573	\$	139
3/22/2020	5	422.976	116.98	\$17.66	\$2,066	306								\$	2,066	\$	1,660	\$	406
3/22/2020	6	431.719	124.72	\$19.26	\$2,402	307								\$	2,402	\$	1,810	\$	592
3/22/2020	7	433.588	126.59	\$19.71	\$2,495	307								\$	2,495	\$	1,853	\$	642
3/22/2020	8	433.429	126.43	\$18.99	\$2,401	307								\$	2,401	\$	1,785	\$	616
3/22/2020	9	435.543	131.54	\$18.23	\$2,398	304								\$	2,398	\$	1,714	\$	684
3/22/2020	10	427.725	121.73	\$17.69	\$2,153	306								\$	2,153	\$	1,663	\$	491
3/22/2020	11	415.112	110.11	\$17.17	\$1,891	305								\$	1,891	\$	1,614	\$	277
3/22/2020	12	418.122	113.12	\$16.73	\$1,892	305								\$	1,892	\$	1,573	\$	320
3/22/2020	13	423.136	117.14	\$15.52	\$1,818	306								\$	1,818	\$	1,459	\$	359
3/22/2020	14	424.225	125.23	\$15.19	\$1,902	299								\$	1,902	\$	1,428	\$	474
3/22/2020	15	433.021	109.02	\$16.36	\$1,784	324								\$	1,784	\$	1,538	\$	246
3/22/2020	16	433.779	134.78	\$17.02	\$2,294	299								\$	2,294	\$	1,600	\$	694
3/22/2020	17	432.639	120.64	\$17.87	\$2,156	312								\$	2,156	\$	1,680	\$	476
3/22/2020	18	436.442	121.44	\$20.73	\$2,517	315								\$	2,517	\$	1,949	\$	569
3/22/2020	19	446.473	129.47	\$20.25	\$2,622	317								\$	2,622	\$	1,904	\$	718
3/22/2020	20	429.778	122.78	\$18.83	\$2,312	307								\$	2,312	\$	1,770	\$	542
3/22/2020	21	414.019	109.02	\$16.85	\$1,837	305								\$	1,837	\$	1,584	\$	253
3/22/2020	22	393.517	87.52	\$15.60	\$1,365	306								\$	1,365	\$	1,365	\$	-
3/22/2020	23	378.777	73.78	\$14.64	\$1,080	305								\$	1,080	\$	1,080	\$	-
3/23/2020	0	370.95	61.95	\$14.77	\$915	309								\$	915	\$	915	\$	-
3/23/2020	1	368.12	61.12	\$14.51	\$887	307								\$	887	\$	887	\$	-
3/23/2020	2	367.101	63.1	\$14.63	\$923	304								\$	923	\$	923	\$	-
3/23/2020	3	373.957	67.96	\$15.50	\$1,053	306								\$	1,053	\$	1,053	\$	-
3/23/2020	4	391.7	80.7	\$21.12	\$1,704	311								\$	1,704	\$	1,704	\$	-
3/23/2020	5	423.122	116.12	\$22.70	\$2,636	307								\$	2,636	\$	2,134	\$	502
3/23/2020	6	453.485	111.49	\$26.69	\$2,976	342								\$	2,976	\$	2,509	\$	467
3/23/2020	7	460.266	128.27	\$26.43	\$3,390	332								\$	3,390	\$	2,484	\$	906
3/23/2020	8	465.058	73.06	\$24.26	\$1,772	392								\$	1,772	\$	1,772	\$	-
3/23/2020	9	465.795		\$0	\$0	492								\$	-	\$	-	\$	-
3/23/2020	10	466.485		\$0	\$0	578								\$	-	\$	-	\$	-
3/23/2020	11	458.506		\$0	\$0	584								\$	-	\$	-	\$	-
3/23/2020	12	447.699		\$0	\$0	565								\$	-	\$	-	\$	-
3/23/2020	13	436.87		\$0	\$0	530								\$	-	\$	-	\$	-
3/23/2020	14	426.225	41.23	\$19.16	\$790	385								\$	790	\$	790	\$	-
3/23/2020	15	414.419	103.42	\$19.73	\$2,040	311								\$	2,040	\$	1,855	\$	186
3/23/2020	16	414.366	108.37	\$20.00	\$2,167	306								\$	2,167	\$	1,880	\$	287
3/23/2020	17	413.528	105.53	\$21.26	\$2,244	308								\$	2,244	\$	1,998	\$	245
3/23/2020	18	413.623	84.62	\$22.94	\$1,941	329								\$	1,941	\$	1,941	\$	-
3/23/2020	19	433.479	92.48	\$22.87	\$2,115	341								\$	2,115	\$	2,115	\$	-
3/23/2020	20	425.716	108.72	\$20.18	\$2,194	317								\$	2,194	\$	1,897	\$	297
3/23/2020	21	410.894	83.89	\$18.70	\$1,569	327								\$	1,569	\$	1,569	\$	-
3/23/2020	22	395.312	75.31	\$17.24	\$1,298	320								\$	1,298	\$	1,298	\$	-
3/23/2020	23	384.6	77.6	\$15.14	\$1,175	307								\$	1,175	\$	1,175	\$	-



Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)	
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6
3/24/2020	0	375.718	68.72	\$14.56	\$1,001	307							\$ 1,001	\$ 1,001	\$ -
3/24/2020	1	373.736	67.74	\$14.29	\$968	306							\$ 968	\$ 968	\$ -
3/24/2020	2	374.764	68.76	\$14.27	\$981	306							\$ 981	\$ 981	\$ -
3/24/2020	3	385.531	79.53	\$15.55	\$1,237	306							\$ 1,237	\$ 1,237	\$ -
3/24/2020	4	407.886	91.89	\$18.02	\$1,656	316							\$ 1,656	\$ 1,656	\$ -
3/24/2020	5	437.405	105.41	\$20.67	\$2,179	332							\$ 2,179	\$ 1,943	\$ 236
3/24/2020	6	461.056	103.06	\$22.30	\$2,298	358							\$ 2,298	\$ 2,096	\$ 202
3/24/2020	7	467.848	44.85	\$21.99	\$986	423							\$ 986	\$ 986	\$ -
3/24/2020	8	464.743	18.74	\$20.77	\$389	446							\$ 389	\$ 389	\$ -
3/24/2020	9	457.875	85.88	\$20.39	\$1,751	372							\$ 1,751	\$ 1,751	\$ -
3/24/2020	10	453.831	34.83	\$19.94	\$695	419							\$ 695	\$ 695	\$ -
3/24/2020	11	450.931	0	\$0.00	\$0	455							\$ -	\$ -	\$ -
3/24/2020	12	437.372	91.37	\$19.58	\$1,789	346							\$ 1,789	\$ 1,789	\$ -
3/24/2020	13	431.649	122.65	\$18.51	\$2,270	309							\$ 2,270	\$ 1,740	\$ 530
3/24/2020	14	431.7	121.7	\$17.58	\$2,139	309				1			\$ 2,139	\$ 1,653	\$ 487
3/24/2020	15	434.626	123.63	\$17.31	\$2,140	311							\$ 2,140	\$ 1,627	\$ 513
3/24/2020	16	439.596	126.6	\$17.55	\$2,222	313							\$ 2,222	\$ 1,650	\$ 572
3/24/2020	17	442.43	135.43	\$18.47	\$2,501	307							\$ 2,501	\$ 1,736	\$ 765
3/24/2020	18	440.51	106.51	\$20.40	\$2,173	334							\$ 2,173	\$ 1,918	\$ 255
3/24/2020	19	445.476	111.48	\$20.12	\$2,243	334							\$ 2,243	\$ 1,891	\$ 352
3/24/2020	20	425.79	117.79	\$18.62	\$2,193	308							\$ 2,193	\$ 1,750	\$ 443
3/24/2020	21	410.13	105.13	\$16.64	\$1,749	305							\$ 1,749	\$ 1,564	\$ 185
3/24/2020	22	395.513	90.51	\$14.79	\$1,339	305							\$ 1,339	\$ 1,339	\$ -
3/24/2020	23	383.539	77.54	\$15.02	\$1,165	306							\$ 1,165	\$ 1,165	\$ -
3/25/2020	0	373.727	67.73	\$14.62	\$990	306							\$ 990	\$ 990	\$ -
3/25/2020	1	367.7	61.7	\$13.88	\$856	306							\$ 856	\$ 856	\$ -
3/25/2020	2	368.722	62.72	\$16.24	\$1,019	306							\$ 1,019	\$ 1,019	\$ -
3/25/2020	3	373.664	68.66	\$17.09	\$1,173	305							\$ 1,173	\$ 1,173	\$ -
3/25/2020	4	389.354	81.35	\$19.19	\$1,561	308							\$ 1,561	\$ 1,561	\$ -
3/25/2020	5	416.701	108.7	\$20.84	\$2,265	308							\$ 2,265	\$ 1,959	\$ 306
3/25/2020	6	446.229	110.23	\$22.99	\$2,534	336							\$ 2,534	\$ 2,161	\$ 373
3/25/2020	7	455.086	138.09	\$22.77	\$3,144	317							\$ 3,144	\$ 2,140	\$ 1,004
3/25/2020	8	443.299	130.3	\$21.94	\$2,859	313							\$ 2,859	\$ 2,062	\$ 796
3/25/2020	9	432.547	91.55	\$22.35	\$2,046	341							\$ 2,046	\$ 2,046	\$ -
3/25/2020	10	428.668	113.67	\$21.82	\$2,480	315							\$ 2,480	\$ 2,051	\$ 429
3/25/2020	11	424.678	117.68	\$21.82	\$2,568	306					1		\$ 2,568	\$ 2,051	\$ 517
3/25/2020	12	420.755	112.76	\$20.53	\$2,315	308							\$ 2,315	\$ 1,930	\$ 385
3/25/2020	13	411.107	104.11	\$19.55	\$2,035	307							\$ 2,035	\$ 1,838	\$ 198
3/25/2020	14	408.197	101.2	\$18.71	\$1,893	307							\$ 1,893	\$ 1,759	\$ 135
3/25/2020	15	402.131	95.13	\$19.73	\$1,877	307							\$ 1,877	\$ 1,855	\$ 22
3/25/2020	16	404.027	97.03	\$19.77	\$1,918	307							\$ 1,918	\$ 1,858	\$ 60
3/25/2020	17	403.173	96.17	\$20.14	\$1,937	307							\$ 1,937	\$ 1,893	\$ 44
3/25/2020	18	403.227	97.23	\$20.84	\$2,026	306							\$ 2,026	\$ 1,959	\$ 67
3/25/2020	19	415.037	100.04	\$20.78	\$2,079	315							\$ 2,079	\$ 1,953	\$ 126
3/25/2020	20	404.184	97.18	\$18.87	\$1,834	307							\$ 1,834	\$ 1,774	\$ 60
3/25/2020	21	383.474	85.47	\$16.47	\$1,408	298							\$ 1,408	\$ 1,408	\$ -
3/25/2020	22	364.649	59.65	\$14.37	\$857	305							\$ 857	\$ 857	\$ -
3/25/2020	23	346.511	39.51	\$13.44	\$531	307							\$ 531	\$ 531	\$ -
3/26/2020	0	337.598	31.6	\$14.03	\$443	306							\$ 443	\$ 443	\$ -
3/26/2020	1	333.78	26.78	\$12.60	\$337	307							\$ 337	\$ 337	\$ -
3/26/2020	2	332.836	27.84	\$13.04	\$363	305							\$ 363	\$ 363	\$ -
3/26/2020	3	339.825	33.83	\$14.51	\$491	306							\$ 491	\$ 491	\$ -
3/26/2020	4	356.649	50.65	\$15.45	\$783	306							\$ 783	\$ 783	\$ -
3/26/2020	5	385.374	78.37	\$19.66	\$1,541	307							\$ 1,541	\$ 1,541	\$ -
3/26/2020	6	413.152	107.15	\$20.56	\$2,203	306							\$ 2,203	\$ 1,933	\$ 270
3/26/2020	7	420.049	93.05	\$21.02	\$1,956	327							\$ 1,956	\$ 1,956	\$ -

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)	
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6
3/26/2020	8	418.188	110.19	\$21.06	\$2,321	307					1		\$ 2,321	\$ 1,980	\$ 341
3/26/2020	9	415.144	109.14	\$21.60	\$2,357	306							\$ 2,357	\$ 2,030	\$ 327
3/26/2020	10	410.334	103.33	\$21.88	\$2,261	307							\$ 2,261	\$ 2,057	\$ 204
3/26/2020	11	413.478	99.48	\$19.57	\$1,947	314							\$ 1,947	\$ 1,840	\$ 107
3/26/2020	12	410.651	48.65	\$18.47	\$899	362							\$ 899	\$ 899	\$ -
3/26/2020	13	411.639	94.64	\$17.33	\$1,640	317							\$ 1,640	\$ 1,629	\$ 11
3/26/2020	14	411.621	105.62	\$16.98	\$1,793	306							\$ 1,793	\$ 1,596	\$ 197
3/26/2020	15	412.599	105.6	\$16.98	\$1,793	307							\$ 1,793	\$ 1,596	\$ 197
3/26/2020	16	419.515	113.52	\$17.27	\$1,960	306							\$ 1,960	\$ 1,623	\$ 337
3/26/2020	17	412.348	101.35	\$18.03	\$1,827	311							\$ 1,827	\$ 1,695	\$ 133
3/26/2020	18	403.567	92.57	\$20.29	\$1,878	311							\$ 1,878	\$ 1,878	\$ -
3/26/2020	19	413.307	110.31	\$19.71	\$2,174	303							\$ 2,174	\$ 1,853	\$ 321
3/26/2020	20	397.677	90.68	\$18.45	\$1,673	307							\$ 1,673	\$ 1,673	\$ -
3/26/2020	21	376.86	69.86	\$15.96	\$1,115	307							\$ 1,115	\$ 1,115	\$ -
3/26/2020	22	359.042	53.04	\$14.28	\$757	306							\$ 757	\$ 757	\$ -
3/26/2020	23	340.272	33.27	\$12.16	\$405	307							\$ 405	\$ 405	\$ -
3/27/2020	0	325.549	21.55	\$12.07	\$260	304							\$ 260	\$ 260	\$ -
3/27/2020	1	317.684	10.68	\$11.43	\$122	307							\$ 122	\$ 122	\$ -
3/27/2020	2	314.712	10.71	\$11.07	\$119	304							\$ 119	\$ 119	\$ -
3/27/2020	3	316.705	10.71	\$11.37	\$122	306							\$ 122	\$ 122	\$ -
3/27/2020	4	327.581	21.58	\$12.33	\$266	306							\$ 266	\$ 266	\$ -
3/27/2020	5	351.177	45.18	\$16.16	\$730	306							\$ 730	\$ 730	\$ -
3/27/2020	6	378.844	72.84	\$19.01	\$1,385	306							\$ 1,385	\$ 1,385	\$ -
3/27/2020	7	393.584	87.58	\$19.49	\$1,707	306							\$ 1,707	\$ 1,707	\$ -
3/27/2020	8	398.527	91.53	\$19.51	\$1,786	307							\$ 1,786	\$ 1,786	\$ -
3/27/2020	9	405.513	88.51	\$19.68	\$1,742	317							\$ 1,742	\$ 1,742	\$ -
3/27/2020	10	409.512	75.51	\$19.47	\$1,470	334							\$ 1,470	\$ 1,470	\$ -
3/27/2020	11	409.515	96.52	\$18.99	\$1,833	313							\$ 1,833	\$ 1,785	\$ 48
3/27/2020	12	413.399	101.4	\$18.84	\$1,910	312							\$ 1,910	\$ 1,771	\$ 139
3/27/2020	13	414.355	102.36	\$17.51	\$1,792	312							\$ 1,792	\$ 1,646	\$ 146
3/27/2020	14	410.268	97.27	\$17.06	\$1,659	313							\$ 1,659	\$ 1,604	\$ 56
3/27/2020	15	394.426	86.43	\$16.92	\$1,462	308							\$ 1,462	\$ 1,462	\$ -
3/27/2020	16	391.339	86.34	\$17.34	\$1,497	305							\$ 1,497	\$ 1,497	\$ -
3/27/2020	17	399.201	92.2	\$17.33	\$1,598	307							\$ 1,598	\$ 1,598	\$ -
3/27/2020	18	397.162	91.16	\$17.74	\$1,617	306							\$ 1,617	\$ 1,617	\$ -
3/27/2020	19	403.065	97.07	\$17.43	\$1,692	306							\$ 1,692	\$ 1,638	\$ 54
3/27/2020	20	386.509	79.51	\$16.24	\$1,291	307							\$ 1,291	\$ 1,291	\$ -
3/27/2020	21	364.868	59.87	\$14.18	\$849	305							\$ 849	\$ 849	\$ -
3/27/2020	22	349.125	52.13	\$11.76	\$613	297							\$ 613	\$ 613	\$ -
3/27/2020	23	329.33	54.33	\$10.76	\$585	275							\$ 585	\$ 585	\$ -
3/28/2020	0	314.663	167.66	\$10.25	\$1,719	147							\$ 1,719	\$ 964	\$ 755
3/28/2020	1	306.928	306.93	\$10.05	\$3,085								\$ 3,085	\$ 945	\$ 2,140
3/28/2020	2	299.929	299.93	\$9.86	\$2,957								\$ 2,957	\$ 927	\$ 2,030
3/28/2020	3	301.952	301.95	\$10.05	\$3,035								\$ 3,035	\$ 945	\$ 2,090
3/28/2020	4	306.912	306.91	\$10.51	\$3,226								\$ 3,226	\$ 988	\$ 2,238
3/28/2020	5	314.827	314.83	\$11.52	\$3,627								\$ 3,627	\$ 1,083	\$ 2,544
3/28/2020	6	327.735	327.74	\$13.13	\$4,303								\$ 4,303	\$ 1,234	\$ 3,069
3/28/2020	7	339.573	339.57	\$15.26	\$5,182								\$ 5,182	\$ 1,434	\$ 3,747
3/28/2020	8	360.239	360.24	\$16.28	\$5,865								\$ 5,865	\$ 1,530	\$ 4,334
3/28/2020	9	376.964	376.96	\$16.81	\$6,337								\$ 6,337	\$ 1,580	\$ 4,757
3/28/2020	10	392.88	392.88	\$16.67	\$6,549								\$ 6,549	\$ 1,567	\$ 4,982
3/28/2020	11	400.676	400.68	\$16.51	\$6,615								\$ 6,615	\$ 1,552	\$ 5,063
3/28/2020	12	401.638	401.64	\$15.94	\$6,402								\$ 6,402	\$ 1,498	\$ 4,904
3/28/2020	13	398.538	398.54	\$14.06	\$5,603								\$ 5,603	\$ 1,322	\$ 4,282
3/28/2020	14	402.41	402.41	\$13.41	\$5,396								\$ 5,396	\$ 1,261	\$ 4,136
3/28/2020	15	405.328	405.33	\$14.38	\$5,829								\$ 5,829	\$ 1,352	\$ 4,477

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
3/28/2020	16	412.101	412.1	\$14.65	\$6,037									\$ 6,037	\$ 1,377	\$ 4,660
3/28/2020	17	409.96	409.96	\$14.49	\$5,940									\$ 5,940	\$ 1,362	\$ 4,578
3/28/2020	18	407.884	407.88	\$15.98	\$6,518									\$ 6,518	\$ 1,502	\$ 5,016
3/28/2020	19	415.855	415.86	\$16.17	\$6,724									\$ 6,724	\$ 1,520	\$ 5,204
3/28/2020	20	404.131	404.13	\$14.10	\$5,698									\$ 5,698	\$ 1,325	\$ 4,373
3/28/2020	21	385.401	385.4	\$12.74	\$4,910									\$ 4,910	\$ 1,198	\$ 3,712
3/28/2020	22	363.857	363.86	\$10.74	\$3,908									\$ 3,908	\$ 1,010	\$ 2,898
3/28/2020	23	342.098	342.1	\$10.36	\$3,544									\$ 3,544	\$ 974	\$ 2,570
3/29/2020	0	326.42	326.42	\$10.05	\$3,281									\$ 3,281	\$ 945	\$ 2,336
3/29/2020	1	314.55	314.55	\$9.34	\$2,938									\$ 2,938	\$ 878	\$ 2,060
3/29/2020	2	307.671	307.67	\$9.09	\$2,797									\$ 2,797	\$ 854	\$ 1,942
3/29/2020	3	303.591	303.59	\$9.08	\$2,757									\$ 2,757	\$ 854	\$ 1,903
3/29/2020	4	303.515	303.52	\$9.03	\$2,741									\$ 2,741	\$ 849	\$ 1,892
3/29/2020	5	307.418	307.42	\$9.43	\$2,899									\$ 2,899	\$ 886	\$ 2,013
3/29/2020	6	310.444	310.44	\$10.84	\$3,365									\$ 3,365	\$ 1,019	\$ 2,346
3/29/2020	7	317.385	317.39	\$12.83	\$4,072									\$ 4,072	\$ 1,206	\$ 2,866
3/29/2020	8	336.148	336.15	\$13.78	\$4,632									\$ 4,632	\$ 1,295	\$ 3,337
3/29/2020	9	349.842	349.84	\$14.35	\$5,020									\$ 5,020	\$ 1,349	\$ 3,671
3/29/2020	10	359.663	359.66	\$14.87	\$5,348									\$ 5,348	\$ 1,398	\$ 3,950
3/29/2020	11	365.566	365.57	\$14.51	\$5,304									\$ 5,304	\$ 1,364	\$ 3,940
3/29/2020	12	361.596	361.6	\$14.01	\$5,066									\$ 5,066	\$ 1,317	\$ 3,749
3/29/2020	13	355.598	355.6	\$13.55	\$4,818									\$ 4,818	\$ 1,274	\$ 3,545
3/29/2020	14	354.697	354.7	\$13.36	\$4,739									\$ 4,739	\$ 1,256	\$ 3,483
3/29/2020	15	361.496	361.5	\$14.28	\$5,162									\$ 5,162	\$ 1,342	\$ 3,820
3/29/2020	16	369.438	369.44	\$15.43	\$5,700									\$ 5,700	\$ 1,450	\$ 4,250
3/29/2020	17	372.462	372.46	\$16.04	\$5,974									\$ 5,974	\$ 1,508	\$ 4,466
3/29/2020	18	372.466	372.47	\$17.54	\$6,533									\$ 6,533	\$ 1,649	\$ 4,884
3/29/2020	19	382.415	382.42	\$17.09	\$6,536									\$ 6,536	\$ 1,606	\$ 4,929
3/29/2020	20	372.554	372.55	\$15.66	\$5,834									\$ 5,834	\$ 1,472	\$ 4,362
3/29/2020	21	350.988	350.99	\$12.64	\$4,437									\$ 4,437	\$ 1,188	\$ 3,248
3/29/2020	22	331.343	331.34	\$10.82	\$3,585									\$ 3,585	\$ 1,017	\$ 2,568
3/29/2020	23	313.621	313.62	\$10.00	\$3,136									\$ 3,136	\$ 940	\$ 2,196
3/30/2020	0	303.789	303.79	\$9.53	\$2,895									\$ 2,895	\$ 896	\$ 1,999
3/30/2020	1	298.885	298.89	\$8.99	\$2,687									\$ 2,687	\$ 845	\$ 1,842
3/30/2020	2	297.964	297.96	\$9.00	\$2,682									\$ 2,682	\$ 846	\$ 1,836
3/30/2020	3	304.906	304.91	\$9.75	\$2,973									\$ 2,973	\$ 917	\$ 2,056
3/30/2020	4	320.645	320.65	\$10.37	\$3,325									\$ 3,325	\$ 975	\$ 2,350
3/30/2020	5	350.049	350.05	\$13.05	\$4,568									\$ 4,568	\$ 1,227	\$ 3,341
3/30/2020	6	375.869	375.87	\$15.62	\$5,871									\$ 5,871	\$ 1,468	\$ 4,403
3/30/2020	7	385.709	385.71	\$16.48	\$6,357									\$ 6,357	\$ 1,549	\$ 4,807
3/30/2020	8	391.581	391.58	\$16.01	\$6,269									\$ 6,269	\$ 1,505	\$ 4,764
3/30/2020	9	395.46	395.46	\$17.29	\$6,838									\$ 6,838	\$ 1,625	\$ 5,212
3/30/2020	10	398.421	398.42	\$17.44	\$6,948									\$ 6,948	\$ 1,639	\$ 5,309
3/30/2020	11	400.37	400.37	\$17.68	\$7,079									\$ 7,079	\$ 1,662	\$ 5,417
3/30/2020	12	399.373	399.37	\$17.39	\$6,945									\$ 6,945	\$ 1,635	\$ 5,310
3/30/2020	13	398.441	398.44	\$16.87	\$6,722									\$ 6,722	\$ 1,586	\$ 5,136
3/30/2020	14	393.529	393.53	\$16.24	\$6,391									\$ 6,391	\$ 1,527	\$ 4,864
3/30/2020	15	386.53	386.53	\$14.77	\$5,709									\$ 5,709	\$ 1,388	\$ 4,321
3/30/2020	16	388.625	388.63	\$16.90	\$6,568									\$ 6,568	\$ 1,589	\$ 4,979
3/30/2020	17	393.693	393.69	\$18.04	\$7,102									\$ 7,102	\$ 1,696	\$ 5,406
3/30/2020	18	390.661	390.66	\$20.21	\$7,895									\$ 7,895	\$ 1,900	\$ 5,995
3/30/2020	19	404.493	404.49	\$21.12	\$8,543									\$ 8,543	\$ 1,985	\$ 6,558
3/30/2020	20	392.658	392.66	\$19.80	\$7,775									\$ 7,775	\$ 1,861	\$ 5,913
3/30/2020	21	374.986	374.99	\$16.50	\$6,187									\$ 6,187	\$ 1,551	\$ 4,636
3/30/2020	22	358.293	358.29	\$13.60	\$4,873									\$ 4,873	\$ 1,278	\$ 3,594
3/30/2020	23	654.957	654.96	\$12.13	\$7,945									\$ 7,278	\$ 1,140	\$ 6,804

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate	Intermediate	Intermediate			
													Calculation (\$)	Calculation (\$)	Calculation (\$)			
3/31/2020	0	638.328	638.33	\$12.13	\$7,743								\$	7,278	\$	1,140	\$	6,603
3/31/2020	1	628.53	628.53	\$11.64	\$7,316								\$	6,984	\$	1,094	\$	6,222
3/31/2020	2	623.533	623.53	\$11.66	\$7,270								\$	6,996	\$	1,096	\$	6,174
3/31/2020	3	633.339	633.34	\$12.12	\$7,676								\$	7,272	\$	1,139	\$	6,537
3/31/2020	4	660.994	660.99	\$14.62	\$9,664								\$	8,772	\$	1,374	\$	8,289
3/31/2020	5	719.241	719.24	\$17.32	\$12,457								\$	10,392	\$	1,628	\$	10,829
3/31/2020	6	777.478	777.48	\$30.36	\$23,604								\$	18,216	\$	2,854	\$	20,750
3/31/2020	7	787.159	787.16	\$26.79	\$21,088								\$	16,074	\$	2,518	\$	18,570
3/31/2020	8	808.907	808.91	\$21.42	\$17,327								\$	12,852	\$	2,013	\$	15,313
3/31/2020	9	822.627	822.63	\$22.29	\$18,336								\$	13,374	\$	2,095	\$	16,241
3/31/2020	10	826.56	826.56	\$28.38	\$23,458								\$	17,028	\$	2,668	\$	20,790
3/31/2020	11	826.466	826.47	\$20.99	\$17,348								\$	12,594	\$	1,973	\$	15,375
3/31/2020	12	817.561	817.56	\$23.18	\$18,951								\$	13,908	\$	2,179	\$	16,772
3/31/2020	13	818.351	818.35	\$25.80	\$21,113								\$	15,480	\$	2,425	\$	18,688
3/31/2020	14	818.361	818.36	\$19.37	\$15,852								\$	11,622	\$	1,821	\$	14,031
3/31/2020	15	817.261	817.26	\$21.33	\$17,432								\$	12,798	\$	2,005	\$	15,427
3/31/2020	16	827.971	827.97	\$23.98	\$19,855								\$	14,388	\$	2,254	\$	17,601
3/31/2020	17	836.915	836.92	\$18.97	\$15,876								\$	11,382	\$	1,783	\$	14,093
3/31/2020	18	836.965	836.97	\$20.40	\$17,074								\$	12,240	\$	1,918	\$	15,157
3/31/2020	19	839.141	839.14	\$19.72	\$16,548								\$	11,832	\$	1,854	\$	14,694
3/31/2020	20	810.639	810.64	\$19.01	\$15,410								\$	11,406	\$	1,787	\$	13,623
3/31/2020	21	779.125	779.13	\$20.35	\$15,855								\$	12,210	\$	1,913	\$	13,942
3/31/2020	22	744.698	744.7	\$18.20	\$13,554								\$	10,920	\$	1,711	\$	11,843
3/31/2020	23	370.842	370.84	\$15.49	\$5,744								\$	5,744	\$	1,456	\$	4,288
4/1/2020	0	360.003	360	\$14.69	\$5,288								\$	5,288	\$	1,381	\$	3,908
4/1/2020	1	354.039	354.04	\$14.00	\$4,957								\$	4,957	\$	1,316	\$	3,641
4/1/2020	2	354.029	354.03	\$14.08	\$4,985								\$	4,985	\$	1,324	\$	3,661
4/1/2020	3	357.986	357.99	\$14.70	\$5,262								\$	5,262	\$	1,382	\$	3,881
4/1/2020	4	371.812	371.81	\$15.99	\$5,945								\$	5,945	\$	1,503	\$	4,442
4/1/2020	5	401.456	401.46	\$19.35	\$7,768								\$	7,768	\$	1,819	\$	5,949
4/1/2020	6	426.009	426.01	\$23.22	\$9,892								\$	9,892	\$	2,183	\$	7,709
4/1/2020	7	433.977	433.98	\$23.32	\$10,120								\$	10,120	\$	2,192	\$	7,928
4/1/2020	8	433.911	433.91	\$23.37	\$10,140								\$	10,140	\$	2,197	\$	7,944
4/1/2020	9	431.975	431.98	\$23.55	\$10,173								\$	10,173	\$	2,214	\$	7,959
4/1/2020	10	428.962	428.96	\$23.39	\$10,033								\$	10,033	\$	2,199	\$	7,835
4/1/2020	11	425.974	425.97	\$22.41	\$9,546								\$	9,546	\$	2,107	\$	7,439
4/1/2020	12	416.18	416.18	\$21.73	\$9,044								\$	9,044	\$	2,043	\$	7,001
4/1/2020	13	409.334	409.33	\$19.10	\$7,818								\$	7,818	\$	1,795	\$	6,023
4/1/2020	14	407.334	407.33	\$18.21	\$7,417								\$	7,417	\$	1,712	\$	5,706
4/1/2020	15	407.31	407.31	\$18.77	\$7,645								\$	7,645	\$	1,764	\$	5,881
4/1/2020	16	411.201	411.2	\$18.95	\$7,792								\$	7,792	\$	1,781	\$	6,011
4/1/2020	17	413.199	413.2	\$18.74	\$7,743								\$	7,743	\$	1,762	\$	5,982
4/1/2020	18	412.182	412.18	\$20.81	\$8,577								\$	8,577	\$	1,956	\$	6,621
4/1/2020	19	421.1	421.1	\$20.91	\$8,805								\$	8,805	\$	1,966	\$	6,840
4/1/2020	20	408.33	408.33	\$18.68	\$7,628								\$	7,628	\$	1,756	\$	5,872
4/1/2020	21	390.504	390.5	\$18.40	\$7,185								\$	7,185	\$	1,730	\$	5,456
4/1/2020	22	372.732	372.73	\$16.23	\$6,049								\$	6,049	\$	1,526	\$	4,524
4/1/2020	23	357.833	357.83	\$15.71	\$5,622								\$	5,622	\$	1,477	\$	4,145
4/2/2020	0	350.939	350.94	\$14.82	\$5,201								\$	5,201	\$	1,393	\$	3,808
4/2/2020	1	347.005	347.01	\$14.48	\$5,025								\$	5,025	\$	1,361	\$	3,664
4/2/2020	2	347.905	347.91	\$14.58	\$5,073								\$	5,073	\$	1,371	\$	3,702
4/2/2020	3	353.823	353.82	\$15.36	\$5,435								\$	5,435	\$	1,444	\$	3,991
4/2/2020	4	373.549	373.55	\$16.61	\$6,205								\$	6,205	\$	1,561	\$	4,643
4/2/2020	5	403.212	403.21	\$20.89	\$8,423								\$	8,423	\$	1,964	\$	6,459
4/2/2020	6	421.949	421.95	\$25.00	\$10,549								\$	10,549	\$	2,350	\$	8,199
4/2/2020	7	424.93	424.93	\$21.85	\$9,285								\$	9,285	\$	2,054	\$	7,231

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5			
4/2/2020	8	413.285	413.29	\$21.07	\$8,708							\$ 8,708	\$ 1,981	\$ 6,727
4/2/2020	9	407.407	407.41	\$19.23	\$7,834							\$ 7,834	\$ 1,808	\$ 6,027
4/2/2020	10	406.416	406.42	\$18.93	\$7,694							\$ 7,694	\$ 1,779	\$ 5,914
4/2/2020	11	403.438	403.44	\$18.35	\$7,403							\$ 7,403	\$ 1,725	\$ 5,678
4/2/2020	12	398.565	398.57	\$17.45	\$6,955							\$ 6,955	\$ 1,640	\$ 5,315
4/2/2020	13	396.625	396.63	\$16.95	\$6,723							\$ 6,723	\$ 1,593	\$ 5,130
4/2/2020	14	391.633	391.63	\$16.43	\$6,434							\$ 6,434	\$ 1,544	\$ 4,890
4/2/2020	15	385.605	385.61	\$16.33	\$6,297							\$ 6,297	\$ 1,535	\$ 4,762
4/2/2020	16	385.557	385.56	\$16.63	\$6,412							\$ 6,412	\$ 1,563	\$ 4,849
4/2/2020	17	388.639	388.64	\$16.98	\$6,599							\$ 6,599	\$ 1,596	\$ 5,003
4/2/2020	18	387.656	387.66	\$18.49	\$7,168							\$ 7,168	\$ 1,738	\$ 5,430
4/2/2020	19	403.506	403.51	\$19.98	\$8,062							\$ 8,062	\$ 1,878	\$ 6,184
4/2/2020	20	393.469	393.47	\$17.68	\$6,957							\$ 6,957	\$ 1,662	\$ 5,295
4/2/2020	21	376.623	376.62	\$16.80	\$6,327							\$ 6,327	\$ 1,579	\$ 4,748
4/2/2020	22	360.883	360.88	\$15.75	\$5,684							\$ 5,684	\$ 1,481	\$ 4,203
4/2/2020	23	344.957	344.96	\$13.46	\$4,643							\$ 4,643	\$ 1,265	\$ 3,378
4/3/2020	0	338.128	338.13	\$12.52	\$4,233							\$ 4,233	\$ 1,177	\$ 3,057
4/3/2020	1	334.241	334.24	\$12.62	\$4,218							\$ 4,218	\$ 1,186	\$ 3,032
4/3/2020	2	335.14	335.14	\$12.77	\$4,280							\$ 4,280	\$ 1,200	\$ 3,079
4/3/2020	3	341.981	341.98	\$13.42	\$4,589							\$ 4,589	\$ 1,261	\$ 3,328
4/3/2020	4	352.841	352.84	\$14.58	\$5,144							\$ 5,144	\$ 1,371	\$ 3,774
4/3/2020	5	383.586	383.59	\$18.05	\$6,924							\$ 6,924	\$ 1,697	\$ 5,227
4/3/2020	6	400.305	400.31	\$19.32	\$7,734							\$ 7,734	\$ 1,816	\$ 5,918
4/3/2020	7	406.383	406.38	\$19.20	\$7,802							\$ 7,802	\$ 1,805	\$ 5,998
4/3/2020	8	398.641	398.64	\$18.57	\$7,403							\$ 7,403	\$ 1,746	\$ 5,657
4/3/2020	9	395.758	395.76	\$18.51	\$7,326							\$ 7,326	\$ 1,740	\$ 5,586
4/3/2020	10	393.749	393.75	\$17.97	\$7,076							\$ 7,076	\$ 1,689	\$ 5,387
4/3/2020	11	393.812	393.81	\$16.90	\$6,655							\$ 6,655	\$ 1,589	\$ 5,067
4/3/2020	12	389.692	389.69	\$16.22	\$6,321							\$ 6,321	\$ 1,525	\$ 4,796
4/3/2020	13	386.7	386.7	\$15.69	\$6,067							\$ 6,067	\$ 1,475	\$ 4,592
4/3/2020	14	380.86	380.86	\$15.17	\$5,778							\$ 5,778	\$ 1,426	\$ 4,352
4/3/2020	15	376.836	376.84	\$15.25	\$5,747							\$ 5,747	\$ 1,434	\$ 4,313
4/3/2020	16	377.86	377.86	\$15.52	\$5,864							\$ 5,864	\$ 1,459	\$ 4,406
4/3/2020	17	377.925	377.93	\$15.77	\$5,960							\$ 5,960	\$ 1,482	\$ 4,478
4/3/2020	18	376.005	376.01	\$17.06	\$6,415							\$ 6,415	\$ 1,604	\$ 4,811
4/3/2020	19	384.814	384.81	\$17.72	\$6,819							\$ 6,819	\$ 1,666	\$ 5,153
4/3/2020	20	376.91	376.91	\$16.84	\$6,347							\$ 6,347	\$ 1,583	\$ 4,764
4/3/2020	21	359.163	359.16	\$15.45	\$5,549							\$ 5,549	\$ 1,452	\$ 4,097
4/3/2020	22	342.294	342.29	\$13.72	\$4,696							\$ 4,696	\$ 1,290	\$ 3,407
4/3/2020	23	324.521	324.52	\$13.28	\$4,310							\$ 4,310	\$ 1,248	\$ 3,061
4/4/2020	0	311.574	311.57	\$12.60	\$3,926							\$ 3,926	\$ 1,184	\$ 2,741
4/4/2020	1	304.607	304.61	\$12.42	\$3,783							\$ 3,783	\$ 1,167	\$ 2,616
4/4/2020	2	303.633	303.63	\$12.30	\$3,735							\$ 3,735	\$ 1,156	\$ 2,578
4/4/2020	3	304.547	304.55	\$12.67	\$3,859							\$ 3,859	\$ 1,191	\$ 2,668
4/4/2020	4	310.317	310.32	\$12.92	\$4,009							\$ 4,009	\$ 1,214	\$ 2,795
4/4/2020	5	321.078	321.08	\$13.59	\$4,363							\$ 4,363	\$ 1,277	\$ 3,086
4/4/2020	6	328.014	328.01	\$14.89	\$4,884							\$ 4,884	\$ 1,400	\$ 3,484
4/4/2020	7	336.978	336.98	\$16.58	\$5,587							\$ 5,587	\$ 1,559	\$ 4,029
4/4/2020	8	348.971	348.97	\$17.31	\$6,041							\$ 6,041	\$ 1,627	\$ 4,414
4/4/2020	9	357.039	357.04	\$17.33	\$6,188							\$ 6,188	\$ 1,629	\$ 4,558
4/4/2020	10	356.073	356.07	\$17.16	\$6,110							\$ 6,110	\$ 1,613	\$ 4,497
4/4/2020	11	355.206	355.21	\$16.50	\$5,861							\$ 5,861	\$ 1,551	\$ 4,310
4/4/2020	12	354.295	354.3	\$16.11	\$5,708							\$ 5,708	\$ 1,514	\$ 4,193
4/4/2020	13	351.283	351.28	\$15.53	\$5,455							\$ 5,455	\$ 1,460	\$ 3,996
4/4/2020	14	352.27	352.27	\$14.59	\$5,140							\$ 5,140	\$ 1,371	\$ 3,768
4/4/2020	15	356.158	356.16	\$15.44	\$5,499							\$ 5,499	\$ 1,451	\$ 4,048

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)			
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6		
4/4/2020	16	364.924	364.92	\$16.16	\$5,897							\$	5,897	\$	1,519	\$	4,378
4/4/2020	17	365.866	365.87	\$15.27	\$5,587							\$	5,587	\$	1,435	\$	4,151
4/4/2020	18	364.899	364.9	\$17.34	\$6,327							\$	6,327	\$	1,630	\$	4,697
4/4/2020	19	372.801	372.8	\$18.18	\$6,778							\$	6,778	\$	1,709	\$	5,069
4/4/2020	20	360.954	360.95	\$16.39	\$5,916							\$	5,916	\$	1,541	\$	4,375
4/4/2020	21	341.33	341.33	\$14.93	\$5,096							\$	5,096	\$	1,403	\$	3,693
4/4/2020	22	321.606	321.61	\$13.31	\$4,281							\$	4,281	\$	1,251	\$	3,029
4/4/2020	23	304.838	304.84	\$11.70	\$3,567							\$	3,567	\$	1,100	\$	2,467
4/5/2020	0	292.054	292.05	\$11.39	\$3,326							\$	3,326	\$	1,071	\$	2,256
4/5/2020	1	286.106	286.11	\$10.80	\$3,090							\$	3,090	\$	1,015	\$	2,075
4/5/2020	2	281.125	281.13	\$10.24	\$2,879							\$	2,879	\$	963	\$	1,916
4/5/2020	3	281.167	281.17	\$10.25	\$2,882							\$	2,882	\$	964	\$	1,918
4/5/2020	4	284.094	284.09	\$10.30	\$2,926							\$	2,926	\$	968	\$	1,958
4/5/2020	5	289.988	289.99	\$10.90	\$3,161							\$	3,161	\$	1,025	\$	2,136
4/5/2020	6	301.859	301.86	\$11.89	\$3,589							\$	3,589	\$	1,118	\$	2,471
4/5/2020	7	309.732	309.73	\$13.54	\$4,194							\$	4,194	\$	1,273	\$	2,921
4/5/2020	8	327.429	327.43	\$14.48	\$4,741							\$	4,741	\$	1,361	\$	3,380
4/5/2020	9	341.281	341.28	\$14.80	\$5,051							\$	5,051	\$	1,391	\$	3,660
4/5/2020	10	350.125	350.13	\$14.79	\$5,178							\$	5,178	\$	1,390	\$	3,788
4/5/2020	11	354.098	354.1	\$14.43	\$5,110							\$	5,110	\$	1,356	\$	3,753
4/5/2020	12	351.144	351.14	\$13.41	\$4,709							\$	4,709	\$	1,261	\$	3,448
4/5/2020	13	347.201	347.2	\$13.12	\$4,555							\$	4,555	\$	1,233	\$	3,322
4/5/2020	14	347.098	347.1	\$15.65	\$5,432							\$	5,432	\$	1,471	\$	3,961
4/5/2020	15	351.986	351.99	\$13.59	\$4,784							\$	4,784	\$	1,277	\$	3,506
4/5/2020	16	356.883	356.88	\$14.80	\$5,282							\$	5,282	\$	1,391	\$	3,891
4/5/2020	17	362.796	362.8	\$14.64	\$5,311							\$	5,311	\$	1,376	\$	3,935
4/5/2020	18	363.79	363.79	\$17.31	\$6,297							\$	6,297	\$	1,627	\$	4,670
4/5/2020	19	371.684	371.68	\$18.27	\$6,791							\$	6,791	\$	1,717	\$	5,073
4/5/2020	20	361.978	361.98	\$16.58	\$6,002							\$	6,002	\$	1,559	\$	4,443
4/5/2020	21	345.163	345.16	\$13.55	\$4,677							\$	4,677	\$	1,274	\$	3,403
4/5/2020	22	324.436	324.44	\$12.00	\$3,893							\$	3,893	\$	1,128	\$	2,765
4/5/2020	23	311.551	311.55	\$12.26	\$3,820							\$	3,820	\$	1,152	\$	2,667
4/6/2020	0	302.712	302.71	\$12.74	\$3,857							\$	3,857	\$	1,198	\$	2,659
4/6/2020	1	296.783	296.78	\$12.43	\$3,689							\$	3,689	\$	1,168	\$	2,521
4/6/2020	2	296.794	296.79	\$12.81	\$3,802							\$	3,802	\$	1,204	\$	2,598
4/6/2020	3	303.707	303.71	\$13.66	\$4,149							\$	4,149	\$	1,284	\$	2,865
4/6/2020	4	318.54	318.54	\$14.27	\$4,546							\$	4,546	\$	1,341	\$	3,204
4/6/2020	5	348.105	348.11	\$17.54	\$6,106							\$	6,106	\$	1,649	\$	4,457
4/6/2020	6	366.889	366.89	\$19.65	\$7,209							\$	7,209	\$	1,847	\$	5,362
4/6/2020	7	377.701	377.7	\$19.74	\$7,456							\$	7,456	\$	1,856	\$	5,600
4/6/2020	8	381.622	381.62	\$19.26	\$7,350							\$	7,350	\$	1,810	\$	5,540
4/6/2020	9	386.711	386.71	\$19.09	\$7,382							\$	7,382	\$	1,794	\$	5,588
4/6/2020	10	389.609	389.61	\$18.84	\$7,340							\$	7,340	\$	1,771	\$	5,569
4/6/2020	11	393.506	393.51	\$18.73	\$7,370							\$	7,370	\$	1,761	\$	5,610
4/6/2020	12	393.516	393.52	\$18.20	\$7,162							\$	7,162	\$	1,711	\$	5,451
4/6/2020	13	392.528	392.53	\$17.40	\$6,830							\$	6,830	\$	1,636	\$	5,194
4/6/2020	14	389.533	389.53	\$16.80	\$6,544							\$	6,544	\$	1,579	\$	4,965
4/6/2020	15	388.529	388.53	\$17.01	\$6,609							\$	6,609	\$	1,599	\$	5,010
4/6/2020	16	392.41	392.41	\$17.61	\$6,910							\$	6,910	\$	1,655	\$	5,255
4/6/2020	17	395.457	395.46	\$17.16	\$6,786							\$	6,786	\$	1,613	\$	5,173
4/6/2020	18	391.557	391.56	\$19.42	\$7,604							\$	7,604	\$	1,825	\$	5,779
4/6/2020	19	400.417	400.42	\$19.61	\$7,852							\$	7,852	\$	1,843	\$	6,009
4/6/2020	20	390.612	390.61	\$17.44	\$6,812							\$	6,812	\$	1,639	\$	5,173
4/6/2020	21	366.876	366.88	\$15.33	\$5,624							\$	5,624	\$	1,441	\$	4,183
4/6/2020	22	346.175	346.18	\$14.03	\$4,857							\$	4,857	\$	1,319	\$	3,538
4/6/2020	23	330.295	330.3	\$11.35	\$3,749							\$	3,749	\$	1,067	\$	2,682

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
4/7/2020	0	317.552	317.55	\$10.89	\$3,458								\$ 3,458	\$ 1,024	\$ 2,434
4/7/2020	1	309.618	309.62	\$10.31	\$3,192								\$ 3,192	\$ 969	\$ 2,223
4/7/2020	2	306.623	306.62	\$10.17	\$3,118								\$ 3,118	\$ 956	\$ 2,162
4/7/2020	3	309.508	309.51	\$10.39	\$3,216								\$ 3,216	\$ 977	\$ 2,239
4/7/2020	4	321.334	321.33	\$13.41	\$4,309								\$ 4,309	\$ 1,261	\$ 3,048
4/7/2020	5	346.043	346.04	\$16.26	\$5,627								\$ 5,627	\$ 1,528	\$ 4,098
4/7/2020	6	363.747	363.75	\$20.87	\$7,591								\$ 7,591	\$ 1,962	\$ 5,630
4/7/2020	7	371.561	371.56	\$20.31	\$7,546								\$ 7,546	\$ 1,909	\$ 5,637
4/7/2020	8	380.485	379.49	\$20.23	\$7,677						1		\$ 7,677	\$ 1,902	\$ 5,775
4/7/2020	9	391.358	391.36	\$18.84	\$7,373								\$ 7,373	\$ 1,771	\$ 5,602
4/7/2020	10	401.265	401.27	\$19.05	\$7,644								\$ 7,644	\$ 1,791	\$ 5,853
4/7/2020	11	411.169	411.17	\$19.09	\$7,849								\$ 7,849	\$ 1,794	\$ 6,055
4/7/2020	12	416.041	416.04	\$18.73	\$7,792								\$ 7,792	\$ 1,761	\$ 6,032
4/7/2020	13	418.931	418.93	\$18.41	\$7,713								\$ 7,713	\$ 1,731	\$ 5,982
4/7/2020	14	420.812	420.81	\$18.15	\$7,638								\$ 7,638	\$ 1,706	\$ 5,932
4/7/2020	15	422.591	422.59	\$18.30	\$7,733								\$ 7,733	\$ 1,720	\$ 6,013
4/7/2020	16	425.354	425.35	\$18.41	\$7,831								\$ 7,831	\$ 1,731	\$ 6,100
4/7/2020	17	427.411	427.41	\$17.36	\$7,420								\$ 7,420	\$ 1,632	\$ 5,788
4/7/2020	18	421.563	421.56	\$17.50	\$7,377								\$ 7,377	\$ 1,645	\$ 5,732
4/7/2020	19	427.559	427.56	\$18.73	\$8,008								\$ 8,008	\$ 1,761	\$ 6,248
4/7/2020	20	421.813	421.81	\$17.14	\$7,230								\$ 7,230	\$ 1,611	\$ 5,619
4/7/2020	21	401.194	401.19	\$14.39	\$5,773								\$ 5,773	\$ 1,353	\$ 4,420
4/7/2020	22	377.566	377.57	\$12.64	\$4,772								\$ 4,772	\$ 1,188	\$ 3,584
4/7/2020	23	357.94	357.94	\$11.65	\$4,170								\$ 4,170	\$ 1,095	\$ 3,075
4/8/2020	0	343.247	343.25	\$11.58	\$3,975								\$ 3,975	\$ 1,089	\$ 2,886
4/8/2020	1	332.462	332.46	\$10.98	\$3,650								\$ 3,650	\$ 1,032	\$ 2,618
4/8/2020	2	327.579	327.58	\$10.98	\$3,597								\$ 3,597	\$ 1,032	\$ 2,565
4/8/2020	3	327.553	327.55	\$11.57	\$3,790								\$ 3,790	\$ 1,088	\$ 2,702
4/8/2020	4	336.437	336.44	\$13.93	\$4,687								\$ 4,687	\$ 1,309	\$ 3,377
4/8/2020	5	360.027	360.03	\$16.40	\$5,904								\$ 5,904	\$ 1,542	\$ 4,363
4/8/2020	6	376.74	376.74	\$18.10	\$6,819								\$ 6,819	\$ 1,701	\$ 5,118
4/8/2020	7	393.505	393.51	\$17.31	\$6,812								\$ 6,812	\$ 1,627	\$ 5,185
4/8/2020	8	411.276	411.28	\$19.36	\$7,962								\$ 7,962	\$ 1,820	\$ 6,143
4/8/2020	9	426.917	426.92	\$19.57	\$8,355								\$ 8,355	\$ 1,840	\$ 6,515
4/8/2020	10	438.661	438.66	\$21.06	\$9,238								\$ 9,238	\$ 1,980	\$ 7,259
4/8/2020	11	451.406	451.41	\$21.12	\$9,534								\$ 9,534	\$ 1,985	\$ 7,548
4/8/2020	12	457.352	457.35	\$20.61	\$9,426								\$ 9,426	\$ 1,937	\$ 7,489
4/8/2020	13	460.306	460.31	\$20.96	\$9,648								\$ 9,648	\$ 1,970	\$ 7,678
4/8/2020	14	462.214	462.21	\$20.83	\$9,628								\$ 9,628	\$ 1,958	\$ 7,670
4/8/2020	15	466.01	466.01	\$21.05	\$9,810								\$ 9,810	\$ 1,979	\$ 7,831
4/8/2020	16	469.787	469.79	\$20.27	\$9,523								\$ 9,523	\$ 1,905	\$ 7,617
4/8/2020	17	469.714	469.71	\$20.79	\$9,765								\$ 9,765	\$ 1,954	\$ 7,811
4/8/2020	18	459.801	459.8	\$19.67	\$9,044								\$ 9,044	\$ 1,849	\$ 7,195
4/8/2020	19	459.764	459.76	\$21.44	\$9,857								\$ 9,857	\$ 2,015	\$ 7,842
4/8/2020	20	445.903	445.9	\$17.69	\$7,888								\$ 7,888	\$ 1,663	\$ 6,225
4/8/2020	21	389.285	389.29	\$14.79	\$5,758								\$ 5,758	\$ 1,390	\$ 4,367
4/8/2020	22	332.218	332.22	\$13.23	\$4,395								\$ 4,395	\$ 1,244	\$ 3,152
4/8/2020	23	312.431	312.43	\$12.16	\$3,799								\$ 3,799	\$ 1,143	\$ 2,656
4/9/2020	0	300.573	300.57	\$11.74	\$3,529								\$ 3,529	\$ 1,104	\$ 2,425
4/9/2020	1	292.668	292.67	\$11.05	\$3,234								\$ 3,234	\$ 1,039	\$ 2,195
4/9/2020	2	290.701	290.7	\$10.78	\$3,134								\$ 3,134	\$ 1,013	\$ 2,120
4/9/2020	3	289.744	289.74	\$10.90	\$3,158								\$ 3,158	\$ 1,025	\$ 2,134
4/9/2020	4	302.611	302.61	\$11.84	\$3,583								\$ 3,583	\$ 1,113	\$ 2,470
4/9/2020	5	319.372	319.37	\$13.88	\$4,433								\$ 4,433	\$ 1,305	\$ 3,128
4/9/2020	6	337.183	337.18	\$15.36	\$5,179								\$ 5,179	\$ 1,444	\$ 3,735
4/9/2020	7	350.912	350.91	\$16.80	\$5,895								\$ 5,895	\$ 1,579	\$ 4,316

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5			
4/9/2020	8	360.72	360.72	\$17.27	\$6,230							\$ 6,230	\$ 1,623	\$ 4,606
4/9/2020	9	367.528	367.53	\$17.47	\$6,421							\$ 6,421	\$ 1,642	\$ 4,779
4/9/2020	10	373.323	373.32	\$18.11	\$6,761							\$ 6,761	\$ 1,702	\$ 5,058
4/9/2020	11	377.185	377.19	\$17.91	\$6,755							\$ 6,755	\$ 1,684	\$ 5,072
4/9/2020	12	378.953	378.95	\$17.67	\$6,696							\$ 6,696	\$ 1,661	\$ 5,035
4/9/2020	13	371.037	371.04	\$16.99	\$6,304							\$ 6,304	\$ 1,597	\$ 4,707
4/9/2020	14	366.058	366.06	\$16.82	\$6,157							\$ 6,157	\$ 1,581	\$ 4,576
4/9/2020	15	370.104	370.1	\$16.69	\$6,177							\$ 6,177	\$ 1,569	\$ 4,608
4/9/2020	16	379.963	379.96	\$17.07	\$6,486							\$ 6,486	\$ 1,605	\$ 4,881
4/9/2020	17	379.984	379.98	\$16.82	\$6,391							\$ 6,391	\$ 1,581	\$ 4,810
4/9/2020	18	380.978	380.98	\$17.87	\$6,808							\$ 6,808	\$ 1,680	\$ 5,128
4/9/2020	19	390.705	390.71	\$18.87	\$7,373							\$ 7,373	\$ 1,774	\$ 5,599
4/9/2020	20	384.125	384.13	\$18.05	\$6,934							\$ 6,934	\$ 1,697	\$ 5,237
4/9/2020	21	367.497	367.5	\$16.20	\$5,954							\$ 5,954	\$ 1,523	\$ 4,431
4/9/2020	22	357.603	357.6	\$14.68	\$5,250							\$ 5,250	\$ 1,380	\$ 3,870
4/9/2020	23	341.859	341.86	\$14.73	\$5,036							\$ 5,036	\$ 1,385	\$ 3,651
4/10/2020	0	333.855	333.86	\$14.08	\$4,701							\$ 4,701	\$ 1,324	\$ 3,377
4/10/2020	1	330.905	330.91	\$13.65	\$4,517							\$ 4,517	\$ 1,283	\$ 3,234
4/10/2020	2	330.007	330.01	\$13.74	\$4,534							\$ 4,534	\$ 1,292	\$ 3,243
4/10/2020	3	339.794	339.79	\$14.23	\$4,835							\$ 4,835	\$ 1,338	\$ 3,498
4/10/2020	4	350.616	350.62	\$15.29	\$5,361							\$ 5,361	\$ 1,437	\$ 3,924
4/10/2020	5	377.246	377.25	\$17.23	\$6,500							\$ 6,500	\$ 1,620	\$ 4,880
4/10/2020	6	392.018	392.02	\$19.07	\$7,476							\$ 7,476	\$ 1,793	\$ 5,683
4/10/2020	7	398.952	398.95	\$19.49	\$7,776							\$ 7,776	\$ 1,832	\$ 5,943
4/10/2020	8	396.962	396.96	\$19.72	\$7,828							\$ 7,828	\$ 1,854	\$ 5,974
4/10/2020	9	394.1	394.1	\$19.80	\$7,803							\$ 7,803	\$ 1,861	\$ 5,942
4/10/2020	10	394.967	394.97	\$19.42	\$7,670							\$ 7,670	\$ 1,825	\$ 5,845
4/10/2020	11	397.098	397.1	\$18.80	\$7,465							\$ 7,465	\$ 1,767	\$ 5,698
4/10/2020	12	391.199	391.2	\$18.26	\$7,143							\$ 7,143	\$ 1,716	\$ 5,427
4/10/2020	13	385.368	385.37	\$17.35	\$6,686							\$ 6,686	\$ 1,631	\$ 5,055
4/10/2020	14	377.461	377.46	\$16.60	\$6,266							\$ 6,266	\$ 1,560	\$ 4,705
4/10/2020	15	365.493	365.49	\$16.39	\$5,990							\$ 5,990	\$ 1,541	\$ 4,450
4/10/2020	16	365.414	365.41	\$17.31	\$6,325							\$ 6,325	\$ 1,627	\$ 4,698
4/10/2020	17	364.614	364.61	\$17.42	\$6,352							\$ 6,352	\$ 1,637	\$ 4,714
4/10/2020	18	363.616	363.62	\$18.70	\$6,800							\$ 6,800	\$ 1,758	\$ 5,042
4/10/2020	19	381.533	381.53	\$20.34	\$7,760							\$ 7,760	\$ 1,912	\$ 5,848
4/10/2020	20	383.751	383.75	\$20.32	\$7,798							\$ 7,798	\$ 1,910	\$ 5,888
4/10/2020	21	371.814	371.81	\$18.39	\$6,838							\$ 6,838	\$ 1,729	\$ 5,109
4/10/2020	22	358.952	358.95	\$18.28	\$6,562							\$ 6,562	\$ 1,718	\$ 4,843
4/10/2020	23	348.005	348.01	\$18.18	\$6,327							\$ 6,327	\$ 1,709	\$ 4,618
4/11/2020	0	342.088	342.09	\$17.59	\$6,017							\$ 6,017	\$ 1,653	\$ 4,364
4/11/2020	1	338.142	338.14	\$17.04	\$5,762							\$ 5,762	\$ 1,602	\$ 4,160
4/11/2020	2	339.072	339.07	\$16.89	\$5,727							\$ 5,727	\$ 1,588	\$ 4,139
4/11/2020	3	339.094	339.09	\$17.56	\$5,954							\$ 5,954	\$ 1,651	\$ 4,304
4/11/2020	4	343.069	343.07	\$17.75	\$6,089							\$ 6,089	\$ 1,669	\$ 4,421
4/11/2020	5	347.876	347.88	\$18.27	\$6,356							\$ 6,356	\$ 1,717	\$ 4,638
4/11/2020	6	352.794	352.79	\$18.91	\$6,671							\$ 6,671	\$ 1,778	\$ 4,894
4/11/2020	7	359.786	359.79	\$19.81	\$7,127							\$ 7,127	\$ 1,862	\$ 5,265
4/11/2020	8	366.75	366.75	\$20.24	\$7,423							\$ 7,423	\$ 1,903	\$ 5,520
4/11/2020	9	362.692	362.69	\$19.14	\$6,942							\$ 6,942	\$ 1,799	\$ 5,143
4/11/2020	10	356.806	356.81	\$18.83	\$6,719							\$ 6,719	\$ 1,770	\$ 4,949
4/11/2020	11	351.889	351.89	\$17.75	\$6,246							\$ 6,246	\$ 1,669	\$ 4,578
4/11/2020	12	345.945	345.95	\$16.29	\$5,636							\$ 5,636	\$ 1,531	\$ 4,104
4/11/2020	13	340.958	340.96	\$15.52	\$5,292							\$ 5,292	\$ 1,459	\$ 3,833
4/11/2020	14	336.002	336	\$15.20	\$5,107							\$ 5,107	\$ 1,429	\$ 3,678
4/11/2020	15	338.866	338.87	\$15.48	\$5,246							\$ 5,246	\$ 1,455	\$ 3,791



Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
4/11/2020	16	344.745	344.75	\$16.24	\$5,599									\$ 5,599	\$ 1,527	\$ 4,072
4/11/2020	17	349.698	349.7	\$17.35	\$6,067									\$ 6,067	\$ 1,631	\$ 4,436
4/11/2020	18	346.697	346.7	\$19.30	\$6,691									\$ 6,691	\$ 1,814	\$ 4,877
4/11/2020	19	357.511	357.51	\$23.70	\$8,473									\$ 8,473	\$ 2,228	\$ 6,245
4/11/2020	20	354.614	354.61	\$18.67	\$6,621									\$ 6,621	\$ 1,755	\$ 4,866
4/11/2020	21	339.824	339.82	\$16.99	\$5,774									\$ 5,774	\$ 1,597	\$ 4,176
4/11/2020	22	322.951	322.95	\$15.59	\$5,035									\$ 5,035	\$ 1,465	\$ 3,569
4/11/2020	23	308.199	308.2	\$15.32	\$4,722									\$ 4,722	\$ 1,440	\$ 3,282
4/12/2020	0	299.426	299.43	\$15.12	\$4,527									\$ 4,527	\$ 1,421	\$ 3,106
4/12/2020	1	293.533	293.53	\$14.61	\$4,288									\$ 4,288	\$ 1,373	\$ 2,915
4/12/2020	2	290.56	290.56	\$14.64	\$4,254									\$ 4,254	\$ 1,376	\$ 2,878
4/12/2020	3	289.425	289.43	\$14.62	\$4,231									\$ 4,231	\$ 1,374	\$ 2,857
4/12/2020	4	291.393	291.39	\$14.51	\$4,228									\$ 4,228	\$ 1,364	\$ 2,864
4/12/2020	5	301.243	301.24	\$14.39	\$4,335									\$ 4,335	\$ 1,353	\$ 2,982
4/12/2020	6	305.254	305.25	\$15.40	\$4,701									\$ 4,701	\$ 1,448	\$ 3,253
4/12/2020	7	319.108	319.11	\$17.20	\$5,489									\$ 5,489	\$ 1,617	\$ 3,872
4/12/2020	8	334.981	334.98	\$18.04	\$6,043									\$ 6,043	\$ 1,696	\$ 4,347
4/12/2020	9	341.883	341.88	\$17.85	\$6,103									\$ 6,103	\$ 1,678	\$ 4,425
4/12/2020	10	341.931	341.93	\$18.36	\$6,278									\$ 6,278	\$ 1,726	\$ 4,552
4/12/2020	11	347.92	347.92	\$16.91	\$5,883									\$ 5,883	\$ 1,590	\$ 4,294
4/12/2020	12	346.966	346.97	\$15.83	\$5,493									\$ 5,493	\$ 1,488	\$ 4,005
4/12/2020	13	343.907	343.91	\$15.18	\$5,221									\$ 5,221	\$ 1,427	\$ 3,794
4/12/2020	14	344.842	344.84	\$15.05	\$5,190									\$ 5,190	\$ 1,415	\$ 3,775
4/12/2020	15	351.803	351.8	\$15.46	\$5,439									\$ 5,439	\$ 1,453	\$ 3,986
4/12/2020	16	354.825	354.83	\$16.74	\$5,940									\$ 5,940	\$ 1,574	\$ 4,366
4/12/2020	17	352.816	352.82	\$17.08	\$6,026									\$ 6,026	\$ 1,606	\$ 4,421
4/12/2020	18	354.842	354.84	\$17.75	\$6,298									\$ 6,298	\$ 1,669	\$ 4,630
4/12/2020	19	356.885	356.89	\$18.87	\$6,735									\$ 6,735	\$ 1,774	\$ 4,961
4/12/2020	20	347.154	347.15	\$17.95	\$6,231									\$ 6,231	\$ 1,687	\$ 4,544
4/12/2020	21	332.412	332.41	\$15.46	\$5,139									\$ 5,139	\$ 1,453	\$ 3,686
4/12/2020	22	316.517	316.52	\$13.92	\$4,406									\$ 4,406	\$ 1,308	\$ 3,097
4/12/2020	23	300.622	300.62	\$12.26	\$3,686									\$ 3,686	\$ 1,152	\$ 2,533
4/13/2020	0	290.787	290.79	\$11.90	\$3,460									\$ 3,460	\$ 1,119	\$ 2,342
4/13/2020	1	286.765	286.77	\$11.18	\$3,206									\$ 3,206	\$ 1,051	\$ 2,155
4/13/2020	2	285.777	285.78	\$10.69	\$3,055									\$ 3,055	\$ 1,005	\$ 2,050
4/13/2020	3	291.644	291.64	\$11.04	\$3,220									\$ 3,220	\$ 1,038	\$ 2,182
4/13/2020	4	304.484	304.48	\$12.60	\$3,836									\$ 3,836	\$ 1,184	\$ 2,652
4/13/2020	5	336.062	336.06	\$15.91	\$5,347									\$ 5,347	\$ 1,496	\$ 3,851
4/13/2020	6	358.783	358.78	\$17.59	\$6,311									\$ 6,311	\$ 1,653	\$ 4,657
4/13/2020	7	374.502	374.5	\$19.88	\$7,445									\$ 7,445	\$ 1,869	\$ 5,576
4/13/2020	8	386.28	386.28	\$20.12	\$7,772									\$ 7,772	\$ 1,891	\$ 5,881
4/13/2020	9	402.879	402.88	\$21.91	\$8,827									\$ 8,827	\$ 2,060	\$ 6,768
4/13/2020	10	414.602	414.6	\$22.07	\$9,150									\$ 9,150	\$ 2,075	\$ 7,076
4/13/2020	11	421.41	421.41	\$22.67	\$9,553									\$ 9,553	\$ 2,131	\$ 7,422
4/13/2020	12	423.32	423.32	\$21.72	\$9,195									\$ 9,195	\$ 2,042	\$ 7,153
4/13/2020	13	418.38	418.38	\$20.45	\$8,556									\$ 8,556	\$ 1,922	\$ 6,634
4/13/2020	14	415.3	415.3	\$18.44	\$7,658									\$ 7,658	\$ 1,733	\$ 5,925
4/13/2020	15	401.442	401.44	\$19.86	\$7,973									\$ 7,973	\$ 1,867	\$ 6,106
4/13/2020	16	398.448	398.45	\$19.69	\$7,845									\$ 7,845	\$ 1,851	\$ 5,995
4/13/2020	17	398.618	398.62	\$19.90	\$7,933									\$ 7,933	\$ 1,871	\$ 6,062
4/13/2020	18	398.795	398.8	\$21.77	\$8,682									\$ 8,682	\$ 2,046	\$ 6,635
4/13/2020	19	412.818	412.82	\$21.31	\$8,797									\$ 8,797	\$ 2,003	\$ 6,794
4/13/2020	20	408.23	408.23	\$20.91	\$8,536									\$ 8,536	\$ 1,966	\$ 6,571
4/13/2020	21	390.618	390.62	\$18.80	\$7,344									\$ 7,344	\$ 1,767	\$ 5,576
4/13/2020	22	373.873	373.87	\$16.00	\$5,982									\$ 5,982	\$ 1,504	\$ 4,478
4/13/2020	23	357.93	357.93	\$15.75	\$5,637									\$ 5,637	\$ 1,481	\$ 4,157

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5			
4/14/2020	0	350.09	350.09	\$16.32	\$5,713							\$ 5,713	\$ 1,534	\$ 4,179
4/14/2020	1	348.034	348.03	\$15.55	\$5,412							\$ 5,412	\$ 1,462	\$ 3,950
4/14/2020	2	346.05	346.05	\$15.63	\$5,409							\$ 5,409	\$ 1,469	\$ 3,940
4/14/2020	3	352.912	352.91	\$16.27	\$5,742							\$ 5,742	\$ 1,529	\$ 4,212
4/14/2020	4	368.739	368.74	\$18.62	\$6,866							\$ 6,866	\$ 1,750	\$ 5,116
4/14/2020	5	401.227	401.23	\$22.24	\$8,923							\$ 8,923	\$ 2,091	\$ 6,833
4/14/2020	6	420.903	420.9	\$23.11	\$9,727							\$ 9,727	\$ 2,172	\$ 7,555
4/14/2020	7	436.777	436.78	\$23.11	\$10,094							\$ 10,094	\$ 2,172	\$ 7,922
4/14/2020	8	436.833	436.83	\$23.38	\$10,213							\$ 10,213	\$ 2,198	\$ 8,015
4/14/2020	9	430.834	430.83	\$22.40	\$9,651							\$ 9,651	\$ 2,106	\$ 7,545
4/14/2020	10	426.685	426.69	\$22.27	\$9,502							\$ 9,502	\$ 2,093	\$ 7,409
4/14/2020	11	422.608	422.61	\$20.86	\$8,816							\$ 8,816	\$ 1,961	\$ 6,855
4/14/2020	12	416.535	416.54	\$19.14	\$7,973							\$ 7,973	\$ 1,799	\$ 6,173
4/14/2020	13	417.498	417.5	\$18.27	\$7,628							\$ 7,628	\$ 1,717	\$ 5,910
4/14/2020	14	413.482	413.48	\$17.50	\$7,236							\$ 7,236	\$ 1,645	\$ 5,591
4/14/2020	15	398.54	398.54	\$17.92	\$7,142							\$ 7,142	\$ 1,684	\$ 5,457
4/14/2020	16	399.404	399.4	\$18.97	\$7,577							\$ 7,577	\$ 1,783	\$ 5,793
4/14/2020	17	399.499	399.5	\$19.83	\$7,922							\$ 7,922	\$ 1,864	\$ 6,058
4/14/2020	18	399.508	399.51	\$22.94	\$9,165							\$ 9,165	\$ 2,156	\$ 7,008
4/14/2020	19	417.371	417.37	\$25.65	\$10,706							\$ 10,706	\$ 2,411	\$ 8,294
4/14/2020	20	421.186	421.19	\$23.32	\$9,822							\$ 9,822	\$ 2,192	\$ 7,630
4/14/2020	21	408.019	408.02	\$19.61	\$8,001							\$ 8,001	\$ 1,843	\$ 6,158
4/14/2020	22	395.044	395.04	\$18.43	\$7,281							\$ 7,281	\$ 1,732	\$ 5,548
4/14/2020	23	384.861	384.86	\$16.78	\$6,458							\$ 6,458	\$ 1,577	\$ 4,881
4/15/2020	0	380.195	380.2	\$16.70	\$6,349							\$ 6,349	\$ 1,570	\$ 4,780
4/15/2020	1	378.817	378.82	\$16.43	\$6,224							\$ 6,224	\$ 1,544	\$ 4,680
4/15/2020	2	379.951	379.95	\$16.20	\$6,155							\$ 6,155	\$ 1,523	\$ 4,632
4/15/2020	3	387.792	387.79	\$16.85	\$6,534							\$ 6,534	\$ 1,584	\$ 4,950
4/15/2020	4	406.433	406.43	\$18.19	\$7,393							\$ 7,393	\$ 1,710	\$ 5,683
4/15/2020	5	436.008	436.01	\$23.26	\$10,142							\$ 10,142	\$ 2,186	\$ 7,955
4/15/2020	6	454.359	454.36	\$27.35	\$12,427							\$ 12,427	\$ 2,571	\$ 9,856
4/15/2020	7	451.921	451.92	\$25.39	\$11,474							\$ 11,474	\$ 2,387	\$ 9,088
4/15/2020	8	436.987	436.99	\$23.41	\$10,230							\$ 10,230	\$ 2,201	\$ 8,029
4/15/2020	9	430.136	430.14	\$21.65	\$9,313							\$ 9,313	\$ 2,035	\$ 7,277
4/15/2020	10	426.477	426.48	\$20.48	\$8,734							\$ 8,734	\$ 1,925	\$ 6,809
4/15/2020	11	422.97	422.97	\$19.06	\$8,062							\$ 8,062	\$ 1,792	\$ 6,270
4/15/2020	12	412.324	412.32	\$18.14	\$7,479							\$ 7,479	\$ 1,705	\$ 5,774
4/15/2020	13	407.201	407.2	\$17.34	\$7,061							\$ 7,061	\$ 1,630	\$ 5,431
4/15/2020	14	410.456	410.46	\$16.92	\$6,945							\$ 6,945	\$ 1,590	\$ 5,355
4/15/2020	15	406.781	406.78	\$16.77	\$6,822							\$ 6,822	\$ 1,576	\$ 5,245
4/15/2020	16	410.689	410.69	\$17.19	\$7,060							\$ 7,060	\$ 1,616	\$ 5,444
4/15/2020	17	413.771	413.77	\$17.43	\$7,212							\$ 7,212	\$ 1,638	\$ 5,574
4/15/2020	18	410.764	410.76	\$18.45	\$7,579							\$ 7,579	\$ 1,734	\$ 5,844
4/15/2020	19	425.498	425.5	\$23.49	\$9,995							\$ 9,995	\$ 2,208	\$ 7,787
4/15/2020	20	428.371	428.37	\$19.20	\$8,225							\$ 8,225	\$ 1,805	\$ 6,420
4/15/2020	21	414.476	414.48	\$17.69	\$7,332							\$ 7,332	\$ 1,663	\$ 5,669
4/15/2020	22	403.731	403.73	\$17.12	\$6,912							\$ 6,912	\$ 1,609	\$ 5,303
4/15/2020	23	391.083	391.08	\$16.76	\$6,555							\$ 6,555	\$ 1,575	\$ 4,979
4/16/2020	0	386.13	386.13	\$17.08	\$6,595							\$ 6,595	\$ 1,606	\$ 4,990
4/16/2020	1	385.934	385.93	\$17.00	\$6,561							\$ 6,561	\$ 1,598	\$ 4,963
4/16/2020	2	389.859	389.86	\$16.91	\$6,593							\$ 6,593	\$ 1,590	\$ 5,003
4/16/2020	3	400.543	400.54	\$17.44	\$6,985							\$ 6,985	\$ 1,639	\$ 5,346
4/16/2020	4	419.076	419.08	\$19.13	\$8,017							\$ 8,017	\$ 1,798	\$ 6,219
4/16/2020	5	443.317	443.32	\$23.34	\$10,347							\$ 10,347	\$ 2,194	\$ 8,153
4/16/2020	6	460.472	460.47	\$28.61	\$13,174							\$ 13,174	\$ 2,689	\$ 10,485
4/16/2020	7	457.734	457.73	\$23.16	\$10,601							\$ 10,601	\$ 2,177	\$ 8,424

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)			
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6		
4/16/2020	8	448.769	448.77	\$21.60	\$9,693							\$	9,693	\$	2,030	\$	7,663
4/16/2020	9	439.846	439.85	\$19.78	\$8,700							\$	8,700	\$	1,859	\$	6,841
4/16/2020	10	434.144	434.14	\$19.36	\$8,405							\$	8,405	\$	1,820	\$	6,585
4/16/2020	11	428.21	428.21	\$18.55	\$7,943							\$	7,943	\$	1,744	\$	6,200
4/16/2020	12	421.385	421.39	\$17.93	\$7,556							\$	7,556	\$	1,685	\$	5,870
4/16/2020	13	412.775	412.78	\$16.94	\$6,992							\$	6,992	\$	1,592	\$	5,400
4/16/2020	14	405.095	405.1	\$16.75	\$6,785							\$	6,785	\$	1,575	\$	5,211
4/16/2020	15	397.255	397.26	\$16.98	\$6,745							\$	6,745	\$	1,596	\$	5,149
4/16/2020	16	396.252	396.25	\$17.29	\$6,851							\$	6,851	\$	1,625	\$	5,226
4/16/2020	17	393.281	393.28	\$17.34	\$6,819							\$	6,819	\$	1,630	\$	5,190
4/16/2020	18	398.013	398.01	\$20.20	\$8,040							\$	8,040	\$	1,899	\$	6,141
4/16/2020	19	412.514	412.51	\$22.58	\$9,314							\$	9,314	\$	2,123	\$	7,192
4/16/2020	20	409.409	409.41	\$19.51	\$7,988							\$	7,988	\$	1,834	\$	6,154
4/16/2020	21	392.728	392.73	\$18.40	\$7,226							\$	7,226	\$	1,730	\$	5,497
4/16/2020	22	375.213	375.21	\$17.05	\$6,397							\$	6,397	\$	1,603	\$	4,795
4/16/2020	23	361.564	361.56	\$16.14	\$5,836							\$	5,836	\$	1,517	\$	4,318
4/17/2020	0	353.675	353.68	\$15.74	\$5,567							\$	5,567	\$	1,480	\$	4,087
4/17/2020	1	349.585	349.59	\$15.44	\$5,398							\$	5,398	\$	1,451	\$	3,946
4/17/2020	2	347.323	347.32	\$15.63	\$5,429							\$	5,429	\$	1,469	\$	3,959
4/17/2020	3	351.153	351.15	\$16.35	\$5,741							\$	5,741	\$	1,537	\$	4,204
4/17/2020	4	362.851	362.85	\$17.44	\$6,328							\$	6,328	\$	1,639	\$	4,689
4/17/2020	5	387.478	387.48	\$19.71	\$7,637							\$	7,637	\$	1,853	\$	5,784
4/17/2020	6	407.019	407.02	\$21.20	\$8,629							\$	8,629	\$	1,993	\$	6,636
4/17/2020	7	417.857	417.86	\$19.91	\$8,320							\$	8,320	\$	1,872	\$	6,448
4/17/2020	8	424.955	424.96	\$19.52	\$8,295							\$	8,295	\$	1,835	\$	6,460
4/17/2020	9	426.021	426.02	\$19.25	\$8,201							\$	8,201	\$	1,810	\$	6,391
4/17/2020	10	427.072	427.07	\$19.31	\$8,247							\$	8,247	\$	1,815	\$	6,432
4/17/2020	11	435.926	435.93	\$19.61	\$8,549							\$	8,549	\$	1,843	\$	6,705
4/17/2020	12	428.024	428.02	\$19.08	\$8,167							\$	8,167	\$	1,794	\$	6,373
4/17/2020	13	419.266	419.27	\$17.97	\$7,534							\$	7,534	\$	1,689	\$	5,845
4/17/2020	14	415.308	415.31	\$16.48	\$6,844							\$	6,844	\$	1,549	\$	5,295
4/17/2020	15	414.274	414.27	\$16.63	\$6,889							\$	6,889	\$	1,563	\$	5,326
4/17/2020	16	417.183	417.18	\$16.81	\$7,013							\$	7,013	\$	1,580	\$	5,433
4/17/2020	17	412.301	412.3	\$16.57	\$6,832							\$	6,832	\$	1,558	\$	5,274
4/17/2020	18	407.321	407.32	\$17.60	\$7,169							\$	7,169	\$	1,654	\$	5,514
4/17/2020	19	407.295	407.3	\$18.13	\$7,384							\$	7,384	\$	1,704	\$	5,680
4/17/2020	20	395.703	395.7	\$18.07	\$7,150							\$	7,150	\$	1,699	\$	5,452
4/17/2020	21	382.166	382.17	\$16.23	\$6,203							\$	6,203	\$	1,526	\$	4,677
4/17/2020	22	369.444	369.44	\$14.87	\$5,494							\$	5,494	\$	1,398	\$	4,096
4/17/2020	23	358.507	358.51	\$15.51	\$5,560							\$	5,560	\$	1,458	\$	4,103
4/18/2020	0	353.575	353.58	\$15.15	\$5,357							\$	5,357	\$	1,424	\$	3,933
4/18/2020	1	352.582	352.58	\$14.83	\$5,229							\$	5,229	\$	1,394	\$	3,835
4/18/2020	2	354.608	354.61	\$14.32	\$5,078							\$	5,078	\$	1,346	\$	3,732
4/18/2020	3	356.516	356.52	\$14.48	\$5,162							\$	5,162	\$	1,361	\$	3,801
4/18/2020	4	363.323	363.32	\$14.82	\$5,384							\$	5,384	\$	1,393	\$	3,991
4/18/2020	5	374.09	374.09	\$15.04	\$5,626							\$	5,626	\$	1,414	\$	4,213
4/18/2020	6	376.942	376.94	\$16.36	\$6,167							\$	6,167	\$	1,538	\$	4,629
4/18/2020	7	380.802	380.8	\$18.07	\$6,881							\$	6,881	\$	1,699	\$	5,182
4/18/2020	8	381.765	381.77	\$19.50	\$7,445							\$	7,445	\$	1,833	\$	5,612
4/18/2020	9	379.641	379.64	\$18.35	\$6,966							\$	6,966	\$	1,725	\$	5,241
4/18/2020	10	377.576	377.58	\$17.63	\$6,657							\$	6,657	\$	1,657	\$	5,000
4/18/2020	11	372.508	372.51	\$16.72	\$6,228							\$	6,228	\$	1,572	\$	4,657
4/18/2020	12	363.758	363.76	\$15.79	\$5,744							\$	5,744	\$	1,484	\$	4,260
4/18/2020	13	355.333	355.33	\$14.82	\$5,266							\$	5,266	\$	1,393	\$	3,873
4/18/2020	14	348.522	348.52	\$14.16	\$4,935							\$	4,935	\$	1,331	\$	3,604
4/18/2020	15	344.436	344.44	\$14.26	\$4,912							\$	4,912	\$	1,340	\$	3,571

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)			
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6		
4/18/2020	16	346.464	346.46	\$14.74	\$5,107							\$	5,107	\$	1,386	\$	3,721
4/18/2020	17	349.561	349.56	\$13.88	\$4,852							\$	4,852	\$	1,305	\$	3,547
4/18/2020	18	352.419	352.42	\$15.63	\$5,508							\$	5,508	\$	1,469	\$	4,039
4/18/2020	19	364.988	364.99	\$18.35	\$6,698							\$	6,698	\$	1,725	\$	4,973
4/18/2020	20	364.908	364.91	\$16.93	\$6,178							\$	6,178	\$	1,591	\$	4,587
4/18/2020	21	354.09	354.09	\$14.75	\$5,223							\$	5,223	\$	1,387	\$	3,836
4/18/2020	22	340.36	340.36	\$13.51	\$4,598							\$	4,598	\$	1,270	\$	3,328
4/18/2020	23	328.692	328.69	\$12.93	\$4,250							\$	4,250	\$	1,215	\$	3,035
4/19/2020	0	322.507	322.51	\$13.17	\$4,247							\$	4,247	\$	1,238	\$	3,009
4/19/2020	1	320.506	320.51	\$12.93	\$4,144							\$	4,144	\$	1,215	\$	2,929
4/19/2020	2	320.465	320.47	\$12.75	\$4,086							\$	4,086	\$	1,199	\$	2,887
4/19/2020	3	324.386	324.39	\$12.98	\$4,211							\$	4,211	\$	1,220	\$	2,990
4/19/2020	4	332.338	332.34	\$13.79	\$4,583							\$	4,583	\$	1,296	\$	3,287
4/19/2020	5	342.134	342.13	\$14.02	\$4,797							\$	4,797	\$	1,318	\$	3,479
4/19/2020	6	344.085	344.09	\$15.27	\$5,254							\$	5,254	\$	1,435	\$	3,819
4/19/2020	7	352.331	352.33	\$16.21	\$5,711							\$	5,711	\$	1,524	\$	4,188
4/19/2020	8	351.502	351.5	\$17.45	\$6,134							\$	6,134	\$	1,640	\$	4,493
4/19/2020	9	359.49	359.49	\$16.73	\$6,014							\$	6,014	\$	1,573	\$	4,442
4/19/2020	10	365.313	365.31	\$16.76	\$6,123							\$	6,123	\$	1,575	\$	4,547
4/19/2020	11	369.32	369.32	\$16.62	\$6,138							\$	6,138	\$	1,562	\$	4,576
4/19/2020	12	362.495	362.5	\$16.33	\$5,920							\$	5,920	\$	1,535	\$	4,385
4/19/2020	13	353.549	353.55	\$16.34	\$5,777							\$	5,777	\$	1,536	\$	4,241
4/19/2020	14	351.579	351.58	\$16.13	\$5,671							\$	5,671	\$	1,516	\$	4,155
4/19/2020	15	357.419	357.42	\$16.22	\$5,797							\$	5,797	\$	1,525	\$	4,273
4/19/2020	16	361.253	361.25	\$17.47	\$6,311							\$	6,311	\$	1,642	\$	4,669
4/19/2020	17	363.294	363.29	\$17.32	\$6,292							\$	6,292	\$	1,628	\$	4,664
4/19/2020	18	362.202	362.2	\$19.06	\$6,904							\$	6,904	\$	1,792	\$	5,112
4/19/2020	19	372.074	372.07	\$22.96	\$8,543							\$	8,543	\$	2,158	\$	6,384
4/19/2020	20	369.232	369.23	\$19.33	\$7,137							\$	7,137	\$	1,817	\$	5,320
4/19/2020	21	355.539	355.54	\$16.36	\$5,817							\$	5,817	\$	1,538	\$	4,279
4/19/2020	22	339.819	339.82	\$14.86	\$5,050							\$	5,050	\$	1,397	\$	3,653
4/19/2020	23	325.968	325.97	\$14.19	\$4,626							\$	4,626	\$	1,334	\$	3,292
4/20/2020	0	321.251	321.25	\$14.22	\$4,568							\$	4,568	\$	1,337	\$	3,231
4/20/2020	1	319.263	319.26	\$15.04	\$4,802							\$	4,802	\$	1,414	\$	3,388
4/20/2020	2	322.189	322.19	\$15.04	\$4,846							\$	4,846	\$	1,414	\$	3,432
4/20/2020	3	329.012	329.01	\$15.90	\$5,231							\$	5,231	\$	1,495	\$	3,737
4/20/2020	4	348.695	348.7	\$17.25	\$6,015							\$	6,015	\$	1,622	\$	4,394
4/20/2020	5	379.303	379.3	\$19.36	\$7,343							\$	7,343	\$	1,820	\$	5,523
4/20/2020	6	400.026	400.03	\$22.18	\$8,873							\$	8,873	\$	2,085	\$	6,788
4/20/2020	7	405.07	405.07	\$21.73	\$8,802							\$	8,802	\$	2,043	\$	6,760
4/20/2020	8	401.113	401.11	\$22.81	\$9,149							\$	9,149	\$	2,144	\$	7,005
4/20/2020	9	398.127	398.13	\$20.44	\$8,138							\$	8,138	\$	1,921	\$	6,216
4/20/2020	10	399.261	399.26	\$19.81	\$7,909							\$	7,909	\$	1,862	\$	6,047
4/20/2020	11	400.168	400.17	\$18.79	\$7,519							\$	7,519	\$	1,766	\$	5,753
4/20/2020	12	397.087	397.09	\$17.76	\$7,052							\$	7,052	\$	1,669	\$	5,383
4/20/2020	13	389.252	389.25	\$16.84	\$6,555							\$	6,555	\$	1,583	\$	4,972
4/20/2020	14	383.216	383.22	\$15.51	\$5,944							\$	5,944	\$	1,458	\$	4,486
4/20/2020	15	376.221	376.22	\$15.05	\$5,662							\$	5,662	\$	1,415	\$	4,247
4/20/2020	16	380.086	380.09	\$15.33	\$5,827							\$	5,827	\$	1,441	\$	4,386
4/20/2020	17	383.267	383.27	\$15.33	\$5,876							\$	5,876	\$	1,441	\$	4,435
4/20/2020	18	379.181	379.18	\$17.09	\$6,480							\$	6,480	\$	1,606	\$	4,874
4/20/2020	19	386.084	386.08	\$19.20	\$7,413							\$	7,413	\$	1,805	\$	5,608
4/20/2020	20	386.188	386.19	\$17.77	\$6,863							\$	6,863	\$	1,670	\$	5,192
4/20/2020	21	367.518	367.52	\$14.80	\$5,439							\$	5,439	\$	1,391	\$	4,048
4/20/2020	22	348.926	348.93	\$13.89	\$4,847							\$	4,847	\$	1,306	\$	3,541
4/20/2020	23	332.039	332.04	\$12.96	\$4,303							\$	4,303	\$	1,218	\$	3,085

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)			
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6		
4/21/2020	0	320.158	320.16	\$12.67	\$4,056							\$	4,056	\$	1,191	\$	2,865
4/21/2020	1	312.359	312.36	\$12.40	\$3,873							\$	3,873	\$	1,166	\$	2,708
4/21/2020	2	310.34	310.34	\$12.24	\$3,799							\$	3,799	\$	1,151	\$	2,648
4/21/2020	3	318.264	318.26	\$12.84	\$4,086							\$	4,086	\$	1,207	\$	2,879
4/21/2020	4	332.117	332.12	\$14.44	\$4,796							\$	4,796	\$	1,357	\$	3,438
4/21/2020	5	354.824	354.82	\$16.65	\$5,908							\$	5,908	\$	1,565	\$	4,343
4/21/2020	6	370.682	370.68	\$18.23	\$6,757							\$	6,757	\$	1,714	\$	5,044
4/21/2020	7	376.516	376.52	\$18.35	\$6,909							\$	6,909	\$	1,725	\$	5,184
4/21/2020	8	379.276	379.28	\$18.86	\$7,153							\$	7,153	\$	1,773	\$	5,380
4/21/2020	9	382.897	382.9	\$17.98	\$6,885							\$	6,885	\$	1,690	\$	5,194
4/21/2020	10	385.04	385.04	\$18.16	\$6,992							\$	6,992	\$	1,707	\$	5,285
4/21/2020	11	390.841	390.84	\$18.36	\$7,176							\$	7,176	\$	1,726	\$	5,450
4/21/2020	12	387.265	387.27	\$18.35	\$7,106							\$	7,106	\$	1,725	\$	5,382
4/21/2020	13	384.429	384.43	\$17.25	\$6,631							\$	6,631	\$	1,622	\$	5,010
4/21/2020	14	381.402	381.4	\$16.43	\$6,266							\$	6,266	\$	1,544	\$	4,722
4/21/2020	15	375.524	375.52	\$16.41	\$6,162							\$	6,162	\$	1,543	\$	4,620
4/21/2020	16	376.209	376.21	\$17.25	\$6,490							\$	6,490	\$	1,622	\$	4,868
4/21/2020	17	378.34	378.34	\$18.04	\$6,825							\$	6,825	\$	1,696	\$	5,129
4/21/2020	18	378.348	378.35	\$19.24	\$7,279							\$	7,279	\$	1,809	\$	5,471
4/21/2020	19	390.384	390.38	\$25.94	\$10,126							\$	10,126	\$	2,438	\$	7,688
4/21/2020	20	391.394	391.39	\$23.12	\$9,049							\$	9,049	\$	2,173	\$	6,876
4/21/2020	21	376.626	376.63	\$19.71	\$7,423							\$	7,423	\$	1,853	\$	5,571
4/21/2020	22	361.868	361.87	\$18.21	\$6,590							\$	6,590	\$	1,712	\$	4,878
4/21/2020	23	349.905	349.91	\$16.36	\$5,725							\$	5,725	\$	1,538	\$	4,187
4/22/2020	0	343.97	343.97	\$15.71	\$5,404							\$	5,404	\$	1,477	\$	3,927
4/22/2020	1	342.967	342.97	\$15.57	\$5,340							\$	5,340	\$	1,464	\$	3,876
4/22/2020	2	342.873	342.87	\$15.05	\$5,160							\$	5,160	\$	1,415	\$	3,745
4/22/2020	3	351.644	351.64	\$16.39	\$5,763							\$	5,763	\$	1,541	\$	4,223
4/22/2020	4	372.157	372.16	\$18.16	\$6,758							\$	6,758	\$	1,707	\$	5,051
4/22/2020	5	396.619	396.62	\$20.13	\$7,984							\$	7,984	\$	1,892	\$	6,092
4/22/2020	6	417.364	417.36	\$23.64	\$9,866							\$	9,866	\$	2,222	\$	7,644
4/22/2020	7	420.344	420.34	\$20.37	\$8,562							\$	8,562	\$	1,915	\$	6,648
4/22/2020	8	410.673	410.67	\$20.67	\$8,489							\$	8,489	\$	1,943	\$	6,546
4/22/2020	9	403.869	403.87	\$19.82	\$8,005							\$	8,005	\$	1,863	\$	6,142
4/22/2020	10	398.951	398.95	\$19.30	\$7,700							\$	7,700	\$	1,814	\$	5,886
4/22/2020	11	397.877	397.88	\$19.11	\$7,603							\$	7,603	\$	1,796	\$	5,807
4/22/2020	12	392.974	392.97	\$18.12	\$7,121							\$	7,121	\$	1,703	\$	5,417
4/22/2020	13	389.187	389.19	\$17.72	\$6,896							\$	6,896	\$	1,666	\$	5,231
4/22/2020	14	384.209	384.21	\$16.37	\$6,290							\$	6,290	\$	1,539	\$	4,751
4/22/2020	15	379.199	379.2	\$16.75	\$6,352							\$	6,352	\$	1,575	\$	4,777
4/22/2020	16	382.151	382.15	\$17.29	\$6,607							\$	6,607	\$	1,625	\$	4,982
4/22/2020	17	383.178	383.18	\$17.57	\$6,732							\$	6,732	\$	1,652	\$	5,081
4/22/2020	18	381.137	381.14	\$19.07	\$7,268							\$	7,268	\$	1,793	\$	5,476
4/22/2020	19	387.987	387.99	\$21.38	\$8,295							\$	8,295	\$	2,010	\$	6,286
4/22/2020	20	386.994	386.99	\$18.62	\$7,206							\$	7,206	\$	1,750	\$	5,455
4/22/2020	21	368.449	368.45	\$16.82	\$6,197							\$	6,197	\$	1,581	\$	4,616
4/22/2020	22	346.873	346.87	\$14.73	\$5,109							\$	5,109	\$	1,385	\$	3,725
4/22/2020	23	327.086	327.09	\$14.89	\$4,870							\$	4,870	\$	1,400	\$	3,471
4/23/2020	0	315.179	315.18	\$14.25	\$4,491							\$	4,491	\$	1,340	\$	3,152
4/23/2020	1	308.381	308.38	\$14.24	\$4,391							\$	4,391	\$	1,339	\$	3,053
4/23/2020	2	305.439	305.44	\$14.37	\$4,389							\$	4,389	\$	1,351	\$	3,038
4/23/2020	3	309.422	309.42	\$15.48	\$4,790							\$	4,790	\$	1,455	\$	3,335
4/23/2020	4	321.214	321.21	\$17.10	\$5,493							\$	5,493	\$	1,607	\$	3,885
4/23/2020	5	345.798	345.8	\$18.87	\$6,525							\$	6,525	\$	1,774	\$	4,751
4/23/2020	6	363.371	363.37	\$19.62	\$7,129							\$	7,129	\$	1,844	\$	5,285
4/23/2020	7	377.265	377.27	\$20.51	\$7,738							\$	7,738	\$	1,928	\$	5,810

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)	
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6
4/23/2020	8	390.955	390.96	\$21.86	\$8,546								\$ 8,546	\$ 2,055	\$ 6,492
4/23/2020	9	397.693	397.69	\$23.19	\$9,222								\$ 9,222	\$ 2,180	\$ 7,043
4/23/2020	10	404.563	404.56	\$21.41	\$8,662								\$ 8,662	\$ 2,013	\$ 6,649
4/23/2020	11	411.469	411.47	\$21.60	\$8,888								\$ 8,888	\$ 2,030	\$ 6,857
4/23/2020	12	411.689	411.69	\$21.17	\$8,715								\$ 8,715	\$ 1,990	\$ 6,725
4/23/2020	13	412.077	412.08	\$20.18	\$8,316								\$ 8,316	\$ 1,897	\$ 6,419
4/23/2020	14	409.16	409.16	\$19.82	\$8,110								\$ 8,110	\$ 1,863	\$ 6,246
4/23/2020	15	401.104	401.1	\$19.81	\$7,946								\$ 7,946	\$ 1,862	\$ 6,084
4/23/2020	16	406.014	406.01	\$20.60	\$8,364								\$ 8,364	\$ 1,936	\$ 6,427
4/23/2020	17	405.029	405.03	\$19.27	\$7,805								\$ 7,805	\$ 1,811	\$ 5,994
4/23/2020	18	394.145	394.15	\$20.14	\$7,938								\$ 7,938	\$ 1,893	\$ 6,045
4/23/2020	19	398.137	398.14	\$20.63	\$8,214								\$ 8,214	\$ 1,939	\$ 6,274
4/23/2020	20	391.374	391.37	\$19.20	\$7,514								\$ 7,514	\$ 1,805	\$ 5,710
4/23/2020	21	373.708	373.71	\$17.87	\$6,678								\$ 6,678	\$ 1,680	\$ 4,998
4/23/2020	22	352.92	352.92	\$16.16	\$5,703								\$ 5,703	\$ 1,519	\$ 4,184
4/23/2020	23	334.167	334.17	\$14.51	\$4,849								\$ 4,849	\$ 1,364	\$ 3,485
4/24/2020	0	323.402	323.4	\$13.96	\$4,515								\$ 4,515	\$ 1,312	\$ 3,202
4/24/2020	1	319.498	319.5	\$13.76	\$4,396								\$ 4,396	\$ 1,293	\$ 3,103
4/24/2020	2	314.59	314.59	\$13.66	\$4,297								\$ 4,297	\$ 1,284	\$ 3,013
4/24/2020	3	315.545	315.55	\$14.00	\$4,418								\$ 4,418	\$ 1,316	\$ 3,102
4/24/2020	4	326.339	326.34	\$15.83	\$5,166								\$ 5,166	\$ 1,488	\$ 3,678
4/24/2020	5	348.972	348.97	\$18.38	\$6,414								\$ 6,414	\$ 1,728	\$ 4,686
4/24/2020	6	368.754	368.75	\$19.74	\$7,279								\$ 7,279	\$ 1,856	\$ 5,424
4/24/2020	7	383.61	383.61	\$20.15	\$7,730								\$ 7,730	\$ 1,894	\$ 5,836
4/24/2020	8	390.502	390.5	\$21.10	\$8,240								\$ 8,240	\$ 1,983	\$ 6,256
4/24/2020	9	393.41	393.41	\$21.08	\$8,293								\$ 8,293	\$ 1,982	\$ 6,312
4/24/2020	10	392.495	392.5	\$20.66	\$8,109								\$ 8,109	\$ 1,942	\$ 6,167
4/24/2020	11	392.536	392.54	\$21.03	\$8,255								\$ 8,255	\$ 1,977	\$ 6,278
4/24/2020	12	389.642	389.64	\$20.58	\$8,019								\$ 8,019	\$ 1,935	\$ 6,084
4/24/2020	13	386.64	386.64	\$19.67	\$7,605								\$ 7,605	\$ 1,849	\$ 5,756
4/24/2020	14	377.593	377.59	\$19.30	\$7,287								\$ 7,287	\$ 1,814	\$ 5,473
4/24/2020	15	373.564	373.56	\$19.05	\$7,116								\$ 7,116	\$ 1,791	\$ 5,326
4/24/2020	16	370.566	370.57	\$19.60	\$7,263								\$ 7,263	\$ 1,842	\$ 5,421
4/24/2020	17	368.474	368.47	\$18.95	\$6,983								\$ 6,983	\$ 1,781	\$ 5,201
4/24/2020	18	364.47	364.47	\$18.67	\$6,805								\$ 6,805	\$ 1,755	\$ 5,050
4/24/2020	19	369.296	369.3	\$19.81	\$7,316								\$ 7,316	\$ 1,862	\$ 5,454
4/24/2020	20	369.381	369.38	\$19.81	\$7,317								\$ 7,317	\$ 1,862	\$ 5,455
4/24/2020	21	351.634	351.63	\$17.55	\$6,171								\$ 6,171	\$ 1,650	\$ 4,521
4/24/2020	22	336.917	336.92	\$15.87	\$5,347								\$ 5,347	\$ 1,492	\$ 3,855
4/24/2020	23	320.054	320.05	\$16.61	\$5,316								\$ 5,316	\$ 1,561	\$ 3,755
4/25/2020	0	306.148	306.15	\$16.35	\$5,006								\$ 5,006	\$ 1,537	\$ 3,469
4/25/2020	1	300.262	300.26	\$15.66	\$4,702								\$ 4,702	\$ 1,472	\$ 3,230
4/25/2020	2	298.354	298.35	\$15.26	\$4,553								\$ 4,553	\$ 1,434	\$ 3,118
4/25/2020	3	298.239	298.24	\$15.50	\$4,623								\$ 4,623	\$ 1,457	\$ 3,166
4/25/2020	4	305.184	305.18	\$15.78	\$4,816								\$ 4,816	\$ 1,483	\$ 3,332
4/25/2020	5	313.022	313.02	\$15.95	\$4,993								\$ 4,993	\$ 1,499	\$ 3,493
4/25/2020	6	315.898	315.9	\$16.98	\$5,364								\$ 5,364	\$ 1,596	\$ 3,768
4/25/2020	7	327.775	326.78	\$18.49	\$6,042						1		\$ 6,042	\$ 1,738	\$ 4,304
4/25/2020	8	338.681	338.68	\$19.78	\$6,699								\$ 6,699	\$ 1,859	\$ 4,840
4/25/2020	9	343.633	343.63	\$19.39	\$6,663								\$ 6,663	\$ 1,823	\$ 4,840
4/25/2020	10	347.609	347.61	\$18.85	\$6,552								\$ 6,552	\$ 1,772	\$ 4,781
4/25/2020	11	351.542	351.54	\$18.44	\$6,482								\$ 6,482	\$ 1,733	\$ 4,749
4/25/2020	12	348.644	348.64	\$16.99	\$5,923								\$ 5,923	\$ 1,597	\$ 4,326
4/25/2020	13	347.664	347.66	\$16.32	\$5,674								\$ 5,674	\$ 1,534	\$ 4,140
4/25/2020	14	347.531	347.53	\$16.18	\$5,623								\$ 5,623	\$ 1,521	\$ 4,102
4/25/2020	15	354.572	354.57	\$16.18	\$5,737								\$ 5,737	\$ 1,521	\$ 4,216

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5			
4/25/2020	16	361.512	361.51	\$16.93	\$6,120							\$ 6,120	\$ 1,591	\$ 4,529
4/25/2020	17	358.569	358.57	\$16.21	\$5,812							\$ 5,812	\$ 1,524	\$ 4,289
4/25/2020	18	355.539	355.54	\$17.39	\$6,183							\$ 6,183	\$ 1,635	\$ 4,548
4/25/2020	19	359.361	359.36	\$19.48	\$7,000							\$ 7,000	\$ 1,831	\$ 5,169
4/25/2020	20	353.654	353.65	\$18.00	\$6,366							\$ 6,366	\$ 1,692	\$ 4,674
4/25/2020	21	335.988	335.99	\$15.15	\$5,090							\$ 5,090	\$ 1,424	\$ 3,666
4/25/2020	22	320.876	320.88	\$13.78	\$4,422							\$ 4,422	\$ 1,295	\$ 3,126
4/25/2020	23	305.197	305.2	\$13.02	\$3,974							\$ 3,974	\$ 1,224	\$ 2,750
4/26/2020	0	293.532	293.53	\$12.90	\$3,787							\$ 3,787	\$ 1,213	\$ 2,574
4/26/2020	1	286.668	286.67	\$12.22	\$3,503							\$ 3,503	\$ 1,149	\$ 2,354
4/26/2020	2	285.707	285.71	\$12.19	\$3,483							\$ 3,483	\$ 1,146	\$ 2,337
4/26/2020	3	284.743	284.74	\$12.27	\$3,494							\$ 3,494	\$ 1,153	\$ 2,340
4/26/2020	4	287.739	287.74	\$12.51	\$3,600							\$ 3,600	\$ 1,176	\$ 2,424
4/26/2020	5	295.641	295.64	\$12.45	\$3,681							\$ 3,681	\$ 1,170	\$ 2,510
4/26/2020	6	299.533	299.53	\$13.17	\$3,945							\$ 3,945	\$ 1,238	\$ 2,707
4/26/2020	7	317.256	317.26	\$15.45	\$4,902							\$ 4,902	\$ 1,452	\$ 3,449
4/26/2020	8	337.962	337.96	\$17.40	\$5,881							\$ 5,881	\$ 1,636	\$ 4,245
4/26/2020	9	356.522	356.52	\$17.41	\$6,207							\$ 6,207	\$ 1,637	\$ 4,570
4/26/2020	10	369.188	369.19	\$17.48	\$6,453							\$ 6,453	\$ 1,643	\$ 4,810
4/26/2020	11	377.92	377.92	\$17.43	\$6,587							\$ 6,587	\$ 1,638	\$ 4,949
4/26/2020	12	378.816	378.82	\$17.21	\$6,519							\$ 6,519	\$ 1,618	\$ 4,902
4/26/2020	13	374.89	374.89	\$16.51	\$6,189							\$ 6,189	\$ 1,552	\$ 4,637
4/26/2020	14	372.796	372.8	\$16.79	\$6,259							\$ 6,259	\$ 1,578	\$ 4,681
4/26/2020	15	376.662	376.66	\$17.19	\$6,475							\$ 6,475	\$ 1,616	\$ 4,859
4/26/2020	16	383.707	383.71	\$17.80	\$6,830							\$ 6,830	\$ 1,673	\$ 5,157
4/26/2020	17	378.868	378.87	\$17.70	\$6,706							\$ 6,706	\$ 1,664	\$ 5,042
4/26/2020	18	366.08	366.08	\$20.08	\$7,351							\$ 7,351	\$ 1,888	\$ 5,463
4/26/2020	19	373.196	373.2	\$23.74	\$8,860							\$ 8,860	\$ 2,232	\$ 6,628
4/26/2020	20	375.304	375.3	\$21.22	\$7,964							\$ 7,964	\$ 1,995	\$ 5,969
4/26/2020	21	362.5	362.5	\$18.13	\$6,572							\$ 6,572	\$ 1,704	\$ 4,868
4/26/2020	22	346.73	346.73	\$17.12	\$5,936							\$ 5,936	\$ 1,609	\$ 4,327
4/26/2020	23	331.027	331.03	\$15.19	\$5,028							\$ 5,028	\$ 1,428	\$ 3,600
4/27/2020	0	324.076	324.08	\$14.89	\$4,826							\$ 4,826	\$ 1,400	\$ 3,426
4/27/2020	1	323.111	323.11	\$14.33	\$4,630							\$ 4,630	\$ 1,347	\$ 3,283
4/27/2020	2	326.169	326.17	\$14.37	\$4,687							\$ 4,687	\$ 1,351	\$ 3,336
4/27/2020	3	335.79	335.79	\$15.15	\$5,087							\$ 5,087	\$ 1,424	\$ 3,663
4/27/2020	4	353.558	353.56	\$17.44	\$6,166							\$ 6,166	\$ 1,639	\$ 4,527
4/27/2020	5	383.156	383.16	\$22.49	\$8,617							\$ 8,617	\$ 2,114	\$ 6,503
4/27/2020	6	402.699	402.7	\$22.34	\$8,996							\$ 8,996	\$ 2,100	\$ 6,896
4/27/2020	7	405.289	405.29	\$21.97	\$8,904							\$ 8,904	\$ 2,065	\$ 6,839
4/27/2020	8	400.224	400.22	\$22.75	\$9,105							\$ 9,105	\$ 2,139	\$ 6,967
4/27/2020	9	398.969	398.97	\$20.93	\$8,350							\$ 8,350	\$ 1,967	\$ 6,383
4/27/2020	10	396.856	396.86	\$19.90	\$7,898							\$ 7,898	\$ 1,871	\$ 6,027
4/27/2020	11	396.945	396.95	\$19.70	\$7,820							\$ 7,820	\$ 1,852	\$ 5,968
4/27/2020	12	394.076	394.08	\$19.41	\$7,649							\$ 7,649	\$ 1,825	\$ 5,825
4/27/2020	13	391.083	391.08	\$18.31	\$7,161							\$ 7,161	\$ 1,721	\$ 5,440
4/27/2020	14	383.125	383.13	\$17.56	\$6,728							\$ 6,728	\$ 1,651	\$ 5,077
4/27/2020	15	372.398	372.4	\$17.48	\$6,510							\$ 6,510	\$ 1,643	\$ 4,866
4/27/2020	16	374.636	374.64	\$17.96	\$6,729							\$ 6,729	\$ 1,688	\$ 5,040
4/27/2020	17	377.803	377.8	\$18.10	\$6,838							\$ 6,838	\$ 1,701	\$ 5,137
4/27/2020	18	375.851	375.85	\$19.49	\$7,325							\$ 7,325	\$ 1,832	\$ 5,493
4/27/2020	19	383.764	383.76	\$22.17	\$8,508							\$ 8,508	\$ 2,084	\$ 6,424
4/27/2020	20	382.738	382.74	\$19.53	\$7,475							\$ 7,475	\$ 1,836	\$ 5,639
4/27/2020	21	364.837	364.84	\$18.13	\$6,615							\$ 6,615	\$ 1,704	\$ 4,910
4/27/2020	22	344.892	344.89	\$16.62	\$5,732							\$ 5,732	\$ 1,562	\$ 4,170
4/27/2020	23	326.035	326.04	\$14.38	\$4,688							\$ 4,688	\$ 1,352	\$ 3,337

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)			
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6		
4/28/2020	0	314.368	314.37	\$14.01	\$4,404							\$	4,404	\$	1,317	\$	3,087
4/28/2020	1	306.248	306.25	\$13.66	\$4,183							\$	4,183	\$	1,284	\$	2,899
4/28/2020	2	304.573	304.57	\$13.77	\$4,194							\$	4,194	\$	1,294	\$	2,900
4/28/2020	3	307.396	307.4	\$14.50	\$4,457							\$	4,457	\$	1,363	\$	3,094
4/28/2020	4	322.147	322.15	\$16.99	\$5,473							\$	5,473	\$	1,597	\$	3,876
4/28/2020	5	341.607	341.61	\$19.22	\$6,566							\$	6,566	\$	1,807	\$	4,759
4/28/2020	6	361.376	361.38	\$20.41	\$7,376							\$	7,376	\$	1,919	\$	5,457
4/28/2020	7	375.44	375.44	\$20.39	\$7,655							\$	7,655	\$	1,917	\$	5,739
4/28/2020	8	381.594	381.59	\$21.25	\$8,109							\$	8,109	\$	1,998	\$	6,111
4/28/2020	9	387.534	387.53	\$20.42	\$7,913							\$	7,913	\$	1,919	\$	5,994
4/28/2020	10	391.488	391.49	\$20.36	\$7,971							\$	7,971	\$	1,914	\$	6,057
4/28/2020	11	395.587	395.59	\$19.92	\$7,880							\$	7,880	\$	1,872	\$	6,008
4/28/2020	12	400.705	400.71	\$20.10	\$8,054							\$	8,054	\$	1,889	\$	6,165
4/28/2020	13	402.434	402.43	\$19.17	\$7,715							\$	7,715	\$	1,802	\$	5,913
4/28/2020	14	400.21	400.21	\$18.48	\$7,396							\$	7,396	\$	1,737	\$	5,659
4/28/2020	15	397.254	397.25	\$18.06	\$7,174							\$	7,174	\$	1,698	\$	5,477
4/28/2020	16	402.246	402.25	\$18.33	\$7,373							\$	7,373	\$	1,723	\$	5,650
4/28/2020	17	399.438	399.44	\$18.39	\$7,346							\$	7,346	\$	1,729	\$	5,617
4/28/2020	18	393.595	393.6	\$18.02	\$7,093							\$	7,093	\$	1,694	\$	5,399
4/28/2020	19	397.623	397.62	\$20.19	\$8,028							\$	8,028	\$	1,898	\$	6,130
4/28/2020	20	395.931	395.93	\$18.06	\$7,150							\$	7,150	\$	1,698	\$	5,453
4/28/2020	21	377.34	377.34	\$16.07	\$6,064							\$	6,064	\$	1,511	\$	4,553
4/28/2020	22	353.713	353.71	\$13.87	\$4,906							\$	4,906	\$	1,304	\$	3,602
4/28/2020	23	332.86	332.86	\$12.54	\$4,174							\$	4,174	\$	1,179	\$	2,995
4/29/2020	0	320.007	320.01	\$12.49	\$3,997							\$	3,997	\$	1,174	\$	2,823
4/29/2020	1	308.911	308.91	\$11.93	\$3,685							\$	3,685	\$	1,121	\$	2,564
4/29/2020	2	305.02	305.02	\$11.79	\$3,596							\$	3,596	\$	1,108	\$	2,488
4/29/2020	3	307.063	307.06	\$12.73	\$3,909							\$	3,909	\$	1,197	\$	2,712
4/29/2020	4	316.932	316.93	\$14.14	\$4,481							\$	4,481	\$	1,329	\$	3,152
4/29/2020	5	340.761	340.76	\$17.08	\$5,820							\$	5,820	\$	1,606	\$	4,215
4/29/2020	6	357.305	357.31	\$18.34	\$6,553							\$	6,553	\$	1,724	\$	4,829
4/29/2020	7	373.046	373.05	\$18.40	\$6,864							\$	6,864	\$	1,730	\$	5,135
4/29/2020	8	382.815	382.82	\$19.00	\$7,274							\$	7,274	\$	1,786	\$	5,488
4/29/2020	9	397.575	397.58	\$19.95	\$7,932							\$	7,932	\$	1,875	\$	6,056
4/29/2020	10	401.483	401.48	\$19.90	\$7,989							\$	7,989	\$	1,871	\$	6,119
4/29/2020	11	407.383	407.38	\$19.62	\$7,993							\$	7,993	\$	1,844	\$	6,149
4/29/2020	12	404.523	404.52	\$19.35	\$7,827							\$	7,827	\$	1,819	\$	6,009
4/29/2020	13	404.574	404.57	\$17.56	\$7,104							\$	7,104	\$	1,651	\$	5,454
4/29/2020	14	401.59	401.59	\$18.98	\$7,622							\$	7,622	\$	1,784	\$	5,838
4/29/2020	15	395.479	395.48	\$18.34	\$7,253							\$	7,253	\$	1,724	\$	5,529
4/29/2020	16	396.483	396.48	\$18.22	\$7,224							\$	7,224	\$	1,713	\$	5,511
4/29/2020	17	391.688	391.69	\$18.21	\$7,133							\$	7,133	\$	1,712	\$	5,421
4/29/2020	18	384.719	384.72	\$17.92	\$6,894							\$	6,894	\$	1,684	\$	5,210
4/29/2020	19	384.561	384.56	\$19.25	\$7,403							\$	7,403	\$	1,810	\$	5,593
4/29/2020	20	382.705	382.71	\$17.96	\$6,873							\$	6,873	\$	1,688	\$	5,185
4/29/2020	21	367.868	367.87	\$15.62	\$5,746							\$	5,746	\$	1,468	\$	4,278
4/29/2020	22	349.086	349.09	\$13.64	\$4,762							\$	4,762	\$	1,282	\$	3,479
4/29/2020	23	332.571	332.57	\$11.87	\$3,948							\$	3,948	\$	1,116	\$	2,832
4/30/2020	0	319.574	319.57	\$11.88	\$3,796							\$	3,796	\$	1,117	\$	2,680
4/30/2020	1	313.285	313.29	\$11.25	\$3,525							\$	3,525	\$	1,058	\$	2,467
4/30/2020	2	311.372	311.37	\$11.35	\$3,534							\$	3,534	\$	1,067	\$	2,467
4/30/2020	3	313.326	313.33	\$11.46	\$3,591							\$	3,591	\$	1,077	\$	2,514
4/30/2020	4	327.408	327.41	\$12.66	\$4,145							\$	4,145	\$	1,190	\$	2,955
4/30/2020	5	350.825	350.83	\$14.65	\$5,140							\$	5,140	\$	1,377	\$	3,763
4/30/2020	6	374.25	374.25	\$15.79	\$5,909							\$	5,909	\$	1,484	\$	4,425
4/30/2020	7	391.812	391.81	\$15.92	\$6,238							\$	6,238	\$	1,496	\$	4,741



Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
							East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5			
4/30/2020	8	400.69	400.69	\$17.15	\$6,872								\$ 6,872	\$ 1,612	\$ 5,260
4/30/2020	9	410.72	410.72	\$17.15	\$7,044								\$ 7,044	\$ 1,612	\$ 5,432
4/30/2020	10	412.483	412.48	\$17.06	\$7,037								\$ 7,037	\$ 1,604	\$ 5,433
4/30/2020	11	415.634	415.63	\$29.54	\$12,278								\$ 12,278	\$ 2,777	\$ 9,501
4/30/2020	12	420.818	420.82	\$17.69	\$7,444								\$ 7,444	\$ 1,663	\$ 5,781
4/30/2020	13	415.94	415.94	\$16.88	\$7,021								\$ 7,021	\$ 1,587	\$ 5,434
4/30/2020	14	407.138	407.14	\$16.64	\$6,775								\$ 6,775	\$ 1,564	\$ 5,211
4/30/2020	15	407.108	407.11	\$17.13	\$6,974								\$ 6,974	\$ 1,610	\$ 5,364
4/30/2020	16	412.333	412.33	\$17.81	\$7,344								\$ 7,344	\$ 1,674	\$ 5,669
4/30/2020	17	413.631	413.63	\$17.78	\$7,354								\$ 7,354	\$ 1,671	\$ 5,683
4/30/2020	18	410.835	410.84	\$18.14	\$7,453								\$ 7,453	\$ 1,705	\$ 5,747
4/30/2020	19	410.976	410.98	\$21.80	\$8,959								\$ 8,959	\$ 2,049	\$ 6,910
4/30/2020	20	402.206	402.21	\$19.05	\$7,662								\$ 7,662	\$ 1,791	\$ 5,871
4/30/2020	21	385.358	385.36	\$17.33	\$6,678								\$ 6,678	\$ 1,629	\$ 5,049
4/30/2020	22	364.431	364.43	\$15.54	\$5,663								\$ 5,663	\$ 1,461	\$ 4,202
4/30/2020	23	347.614	347.61	\$14.78	\$5,138								\$ 5,138	\$ 1,389	\$ 3,748
5/1/2020	0	336.745	336.75	\$14.16	\$4,768								\$ 4,768	\$ 1,331	\$ 3,437
5/1/2020	1	329.853	329.85	\$13.48	\$4,446								\$ 4,446	\$ 1,267	\$ 3,179
5/1/2020	2	326.781	326.78	\$13.95	\$4,559								\$ 4,559	\$ 1,311	\$ 3,247
5/1/2020	3	330.654	330.65	\$14.42	\$4,768								\$ 4,768	\$ 1,355	\$ 3,412
5/1/2020	4	342.369	342.37	\$16.31	\$5,584								\$ 5,584	\$ 1,533	\$ 4,051
5/1/2020	5	364.336	364.34	\$18.39	\$6,700								\$ 6,700	\$ 1,729	\$ 4,972
5/1/2020	6	384.11	384.11	\$19.63	\$7,540								\$ 7,540	\$ 1,845	\$ 5,695
5/1/2020	7	396.996	397	\$20.11	\$7,984								\$ 7,984	\$ 1,890	\$ 6,093
5/1/2020	8	404.911	404.91	\$20.25	\$8,199								\$ 8,199	\$ 1,904	\$ 6,296
5/1/2020	9	409.876	409.88	\$20.29	\$8,316								\$ 8,316	\$ 1,907	\$ 6,409
5/1/2020	10	403.066	403.07	\$20.79	\$8,380								\$ 8,380	\$ 1,954	\$ 6,426
5/1/2020	11	394.301	394.3	\$20.22	\$7,973								\$ 7,973	\$ 1,901	\$ 6,072
5/1/2020	12	387.494	387.49	\$19.89	\$7,707								\$ 7,707	\$ 1,870	\$ 5,838
5/1/2020	13	381.597	381.6	\$19.42	\$7,411								\$ 7,411	\$ 1,825	\$ 5,585
5/1/2020	14	372.697	372.7	\$18.38	\$6,850								\$ 6,850	\$ 1,728	\$ 5,123
5/1/2020	15	366.64	366.64	\$18.34	\$6,724								\$ 6,724	\$ 1,724	\$ 5,000
5/1/2020	16	366.689	366.69	\$18.57	\$6,809								\$ 6,809	\$ 1,746	\$ 5,064
5/1/2020	17	366.779	366.78	\$18.13	\$6,650								\$ 6,650	\$ 1,704	\$ 4,946
5/1/2020	18	364.83	364.83	\$18.41	\$6,717								\$ 6,717	\$ 1,731	\$ 4,986
5/1/2020	19	368.646	368.65	\$19.26	\$7,100								\$ 7,100	\$ 1,810	\$ 5,290
5/1/2020	20	369.616	369.62	\$18.25	\$6,746								\$ 6,746	\$ 1,716	\$ 5,030
5/1/2020	21	353.966	353.97	\$16.22	\$5,741								\$ 5,741	\$ 1,525	\$ 4,217
5/1/2020	22	335.985	335.99	\$14.80	\$4,973								\$ 4,973	\$ 1,391	\$ 3,581
5/1/2020	23	317.252	317.25	\$14.63	\$4,641								\$ 4,641	\$ 1,375	\$ 3,266
5/2/2020	0	306.314	306.31	\$14.33	\$4,389								\$ 4,389	\$ 1,347	\$ 3,042
5/2/2020	1	298.425	298.43	\$13.34	\$3,981								\$ 3,981	\$ 1,254	\$ 2,727
5/2/2020	2	293.463	293.46	\$13.03	\$3,824								\$ 3,824	\$ 1,225	\$ 2,599
5/2/2020	3	292.231	292.23	\$13.20	\$3,857								\$ 3,857	\$ 1,241	\$ 2,617
5/2/2020	4	295.081	295.08	\$13.27	\$3,916								\$ 3,916	\$ 1,247	\$ 2,668
5/2/2020	5	301.02	301.02	\$13.55	\$4,079								\$ 4,079	\$ 1,274	\$ 2,805
5/2/2020	6	304.169	304.17	\$14.40	\$4,380								\$ 4,380	\$ 1,354	\$ 3,026
5/2/2020	7	316.083	316.08	\$16.10	\$5,089								\$ 5,089	\$ 1,513	\$ 3,575
5/2/2020	8	328.953	328.95	\$16.07	\$5,286								\$ 5,286	\$ 1,511	\$ 3,776
5/2/2020	9	341.09	341.09	\$16.25	\$5,543								\$ 5,543	\$ 1,528	\$ 4,015
5/2/2020	10	351.382	351.38	\$16.57	\$5,822								\$ 5,822	\$ 1,558	\$ 4,265
5/2/2020	11	357.466	357.47	\$17.32	\$6,191								\$ 6,191	\$ 1,628	\$ 4,563
5/2/2020	12	363.469	363.47	\$16.85	\$6,124								\$ 6,124	\$ 1,584	\$ 4,541
5/2/2020	13	369.28	369.28	\$16.98	\$6,270								\$ 6,270	\$ 1,596	\$ 4,674
5/2/2020	14	379.069	379.07	\$17.02	\$6,452								\$ 6,452	\$ 1,600	\$ 4,852
5/2/2020	15	386.639	386.64	\$17.54	\$6,782								\$ 6,782	\$ 1,649	\$ 5,133

**Hourly Purchase Energy Expense Detail - 2019 & 2020**

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate	Intermediate	Intermediate
													Calculation (\$)	Calculation (\$)	Calculation (\$)
5/2/2020	16	396.441	396.44	\$18.12	\$7,183								\$ 7,183	\$ 1,703	\$ 5,480
5/2/2020	17	399.528	399.53	\$19.14	\$7,647								\$ 7,647	\$ 1,799	\$ 5,848
5/2/2020	18	382.59	382.59	\$19.23	\$7,357								\$ 7,357	\$ 1,808	\$ 5,550
5/2/2020	19	396.431	396.43	\$20.28	\$8,040								\$ 8,040	\$ 1,906	\$ 6,133
5/2/2020	20	399.461	399.46	\$18.65	\$7,450								\$ 7,450	\$ 1,753	\$ 5,697
5/2/2020	21	382.796	382.8	\$16.11	\$6,167								\$ 6,167	\$ 1,514	\$ 4,653
5/2/2020	22	359.144	359.14	\$14.53	\$5,218								\$ 5,218	\$ 1,366	\$ 3,852
5/2/2020	23	337.475	337.48	\$13.53	\$4,566								\$ 4,566	\$ 1,272	\$ 3,294
5/3/2020	0	319.73	319.73	\$13.42	\$4,291								\$ 4,291	\$ 1,261	\$ 3,029
5/3/2020	1	309.816	309.82	\$12.32	\$3,817								\$ 3,817	\$ 1,158	\$ 2,659
5/3/2020	2	300.953	300.95	\$12.13	\$3,651								\$ 3,651	\$ 1,140	\$ 2,510
5/3/2020	3	295.058	295.06	\$12.02	\$3,547								\$ 3,547	\$ 1,130	\$ 2,417
5/3/2020	4	294.11	294.11	\$12.27	\$3,609								\$ 3,609	\$ 1,153	\$ 2,455
5/3/2020	5	298.017	298.02	\$12.23	\$3,645								\$ 3,645	\$ 1,150	\$ 2,495
5/3/2020	6	299.903	299.9	\$12.90	\$3,869								\$ 3,869	\$ 1,213	\$ 2,656
5/3/2020	7	308.776	308.78	\$14.33	\$4,425								\$ 4,425	\$ 1,347	\$ 3,078
5/3/2020	8	327.564	327.56	\$15.25	\$4,995								\$ 4,995	\$ 1,434	\$ 3,562
5/3/2020	9	346.357	346.36	\$16.63	\$5,760								\$ 5,760	\$ 1,563	\$ 4,197
5/3/2020	10	361.017	361.02	\$17.69	\$6,386								\$ 6,386	\$ 1,663	\$ 4,724
5/3/2020	11	375.734	375.73	\$19.21	\$7,218								\$ 7,218	\$ 1,806	\$ 5,412
5/3/2020	12	378.673	378.67	\$19.41	\$7,350								\$ 7,350	\$ 1,825	\$ 5,525
5/3/2020	13	377.437	377.44	\$19.85	\$7,492								\$ 7,492	\$ 1,866	\$ 5,626
5/3/2020	14	374.418	374.42	\$19.67	\$7,365								\$ 7,365	\$ 1,849	\$ 5,516
5/3/2020	15	378.318	378.32	\$20.56	\$7,778								\$ 7,778	\$ 1,933	\$ 5,846
5/3/2020	16	377.317	377.32	\$20.96	\$7,909								\$ 7,909	\$ 1,970	\$ 5,938
5/3/2020	17	376.394	376.39	\$21.24	\$7,995								\$ 7,995	\$ 1,997	\$ 5,998
5/3/2020	18	370.467	370.47	\$21.57	\$7,991								\$ 7,991	\$ 2,028	\$ 5,963
5/3/2020	19	368.648	368.65	\$22.67	\$8,357								\$ 8,357	\$ 2,131	\$ 6,226
5/3/2020	20	362.729	362.73	\$20.77	\$7,534								\$ 7,534	\$ 1,952	\$ 5,582
5/3/2020	21	344.848	344.85	\$17.70	\$6,104								\$ 6,104	\$ 1,664	\$ 4,440
5/3/2020	22	323.883	323.88	\$15.67	\$5,075								\$ 5,075	\$ 1,473	\$ 3,602
5/3/2020	23	305.123	305.12	\$14.36	\$4,382								\$ 4,382	\$ 1,350	\$ 3,032
5/4/2020	0	294.272	294.27	\$13.71	\$4,034								\$ 4,034	\$ 1,289	\$ 2,746
5/4/2020	1	287.437	287.44	\$12.39	\$3,561								\$ 3,561	\$ 1,165	\$ 2,397
5/4/2020	2	286.571	286.57	\$12.39	\$3,551								\$ 3,551	\$ 1,165	\$ 2,386
5/4/2020	3	289.587	289.59	\$13.98	\$4,048								\$ 4,048	\$ 1,314	\$ 2,734
5/4/2020	4	304.498	304.5	\$15.36	\$4,677								\$ 4,677	\$ 1,444	\$ 3,233
5/4/2020	5	328.144	328.14	\$18.26	\$5,992								\$ 5,992	\$ 1,716	\$ 4,275
5/4/2020	6	350.816	350.82	\$18.88	\$6,623								\$ 6,623	\$ 1,775	\$ 4,849
5/4/2020	7	367.603	367.6	\$21.33	\$7,841								\$ 7,841	\$ 2,005	\$ 5,836
5/4/2020	8	376.516	376.52	\$22.49	\$8,468								\$ 8,468	\$ 2,114	\$ 6,354
5/4/2020	9	385.487	385.49	\$22.90	\$8,828								\$ 8,828	\$ 2,153	\$ 6,675
5/4/2020	10	390.253	390.25	\$23.74	\$9,265								\$ 9,265	\$ 2,232	\$ 7,033
5/4/2020	11	395.19	395.19	\$23.62	\$9,334								\$ 9,334	\$ 2,220	\$ 7,114
5/4/2020	12	398.171	398.17	\$23.20	\$9,238								\$ 9,238	\$ 2,181	\$ 7,057
5/4/2020	13	399.131	399.13	\$23.76	\$9,483								\$ 9,483	\$ 2,233	\$ 7,250
5/4/2020	14	397.285	397.29	\$22.40	\$8,899								\$ 8,899	\$ 2,106	\$ 6,794
5/4/2020	15	395.548	395.55	\$22.13	\$8,754								\$ 8,754	\$ 2,080	\$ 6,673
5/4/2020	16	396.505	396.51	\$21.97	\$8,711								\$ 8,711	\$ 2,065	\$ 6,646
5/4/2020	17	392.481	392.48	\$22.50	\$8,831								\$ 8,831	\$ 2,115	\$ 6,716
5/4/2020	18	388.53	388.53	\$22.11	\$8,590								\$ 8,590	\$ 2,078	\$ 6,512
5/4/2020	19	393.366	393.37	\$26.38	\$10,377								\$ 10,377	\$ 2,480	\$ 7,897
5/4/2020	20	387.286	387.29	\$23.16	\$8,970								\$ 8,970	\$ 2,177	\$ 6,793
5/4/2020	21	367.492	367.49	\$18.88	\$6,938								\$ 6,938	\$ 1,775	\$ 5,163
5/4/2020	22	343.974	343.97	\$16.29	\$5,603								\$ 5,603	\$ 1,531	\$ 4,072
5/4/2020	23	325.545	325.55	\$15.53	\$5,056								\$ 5,056	\$ 1,460	\$ 3,596

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5			
5/5/2020	0	311.83	311.83	\$15.28	\$4,765							\$ 4,765	\$ 1,436	\$ 3,328
5/5/2020	1	303.882	303.88	\$14.71	\$4,470							\$ 4,470	\$ 1,383	\$ 3,087
5/5/2020	2	298.885	298.89	\$14.40	\$4,304							\$ 4,304	\$ 1,354	\$ 2,950
5/5/2020	3	299.937	299.94	\$15.05	\$4,514							\$ 4,514	\$ 1,415	\$ 3,099
5/5/2020	4	313.643	313.64	\$16.27	\$5,103							\$ 5,103	\$ 1,529	\$ 3,574
5/5/2020	5	339.3	339.3	\$18.87	\$6,403							\$ 6,403	\$ 1,774	\$ 4,629
5/5/2020	6	363.106	363.11	\$20.78	\$7,545							\$ 7,545	\$ 1,953	\$ 5,592
5/5/2020	7	379.776	379.78	\$21.42	\$8,135							\$ 8,135	\$ 2,013	\$ 6,121
5/5/2020	8	393.671	393.67	\$22.75	\$8,956							\$ 8,956	\$ 2,139	\$ 6,817
5/5/2020	9	403.565	403.57	\$23.37	\$9,431							\$ 9,431	\$ 2,197	\$ 7,235
5/5/2020	10	408.506	408.51	\$23.95	\$9,784							\$ 9,784	\$ 2,251	\$ 7,533
5/5/2020	11	410.539	410.54	\$23.88	\$9,804							\$ 9,804	\$ 2,245	\$ 7,559
5/5/2020	12	411.516	411.52	\$23.66	\$9,737							\$ 9,737	\$ 2,224	\$ 7,513
5/5/2020	13	408.55	408.55	\$23.07	\$9,425							\$ 9,425	\$ 2,169	\$ 7,257
5/5/2020	14	403.63	403.63	\$22.67	\$9,150							\$ 9,150	\$ 2,131	\$ 7,019
5/5/2020	15	400.662	400.66	\$22.65	\$9,075							\$ 9,075	\$ 2,129	\$ 6,946
5/5/2020	16	403.632	403.63	\$23.51	\$9,489							\$ 9,489	\$ 2,210	\$ 7,279
5/5/2020	17	400.727	400.73	\$22.98	\$9,209							\$ 9,209	\$ 2,160	\$ 7,049
5/5/2020	18	395.815	395.82	\$23.23	\$9,195							\$ 9,195	\$ 2,184	\$ 7,011
5/5/2020	19	398.745	398.75	\$23.81	\$9,494							\$ 9,494	\$ 2,238	\$ 7,256
5/5/2020	20	395.856	395.86	\$23.68	\$9,374							\$ 9,374	\$ 2,226	\$ 7,148
5/5/2020	21	379.961	379.96	\$22.74	\$8,640							\$ 8,640	\$ 2,138	\$ 6,503
5/5/2020	22	360.169	360.17	\$19.05	\$6,861							\$ 6,861	\$ 1,791	\$ 5,071
5/5/2020	23	347.253	347.25	\$18.98	\$6,591							\$ 6,591	\$ 1,784	\$ 4,807
5/6/2020	0	337.387	337.39	\$18.64	\$6,289							\$ 6,289	\$ 1,752	\$ 4,537
5/6/2020	1	332.427	332.43	\$18.86	\$6,270							\$ 6,270	\$ 1,773	\$ 4,497
5/6/2020	2	330.389	330.39	\$18.52	\$6,119							\$ 6,119	\$ 1,741	\$ 4,378
5/6/2020	3	333.306	333.31	\$19.00	\$6,333							\$ 6,333	\$ 1,786	\$ 4,547
5/6/2020	4	346.159	346.16	\$20.31	\$7,031							\$ 7,031	\$ 1,909	\$ 5,121
5/6/2020	5	371.739	371.74	\$23.13	\$8,598							\$ 8,598	\$ 2,174	\$ 6,424
5/6/2020	6	395.437	395.44	\$25.57	\$10,111							\$ 10,111	\$ 2,404	\$ 7,708
5/6/2020	7	413.167	413.17	\$26.10	\$10,784							\$ 10,784	\$ 2,453	\$ 8,330
5/6/2020	8	419.043	419.04	\$26.22	\$10,987							\$ 10,987	\$ 2,465	\$ 8,523
5/6/2020	9	418.931	418.93	\$26.09	\$10,930							\$ 10,930	\$ 2,452	\$ 8,477
5/6/2020	10	413.912	413.91	\$25.78	\$10,671							\$ 10,671	\$ 2,423	\$ 8,247
5/6/2020	11	411.031	411.03	\$25.70	\$10,563							\$ 10,563	\$ 2,416	\$ 8,148
5/6/2020	12	416.019	416.02	\$25.47	\$10,596							\$ 10,596	\$ 2,394	\$ 8,202
5/6/2020	13	398.438	398.44	\$23.64	\$9,419							\$ 9,419	\$ 2,222	\$ 7,197
5/6/2020	14	392.501	392.5	\$21.98	\$8,627							\$ 8,627	\$ 2,066	\$ 6,561
5/6/2020	15	382.504	382.5	\$22.29	\$8,526							\$ 8,526	\$ 2,095	\$ 6,431
5/6/2020	16	384.487	384.49	\$22.79	\$8,763							\$ 8,763	\$ 2,142	\$ 6,620
5/6/2020	17	384.615	384.62	\$22.68	\$8,723							\$ 8,723	\$ 2,132	\$ 6,591
5/6/2020	18	381.684	381.68	\$23.56	\$8,992							\$ 8,992	\$ 2,215	\$ 6,778
5/6/2020	19	387.613	387.61	\$25.54	\$9,900							\$ 9,900	\$ 2,401	\$ 7,499
5/6/2020	20	394.555	394.56	\$23.67	\$9,339							\$ 9,339	\$ 2,225	\$ 7,114
5/6/2020	21	380.758	380.76	\$20.66	\$7,867							\$ 7,867	\$ 1,942	\$ 5,924
5/6/2020	22	360.98	360.98	\$18.16	\$6,555							\$ 6,555	\$ 1,707	\$ 4,848
5/6/2020	23	348.147	348.15	\$16.95	\$5,901							\$ 5,901	\$ 1,593	\$ 4,308
5/7/2020	0	340.286	340.29	\$16.47	\$5,605							\$ 5,605	\$ 1,548	\$ 4,056
5/7/2020	1	337.296	337.3	\$15.98	\$5,390							\$ 5,390	\$ 1,502	\$ 3,888
5/7/2020	2	339.232	339.23	\$16.07	\$5,451							\$ 5,451	\$ 1,511	\$ 3,941
5/7/2020	3	346.083	346.08	\$16.45	\$5,693							\$ 5,693	\$ 1,546	\$ 4,147
5/7/2020	4	358.872	358.87	\$18.35	\$6,585							\$ 6,585	\$ 1,725	\$ 4,860
5/7/2020	5	385.506	385.51	\$22.84	\$8,805							\$ 8,805	\$ 2,147	\$ 6,658
5/7/2020	6	404.241	404.24	\$24.49	\$9,900							\$ 9,900	\$ 2,302	\$ 7,598
5/7/2020	7	408.195	408.2	\$24.11	\$9,842							\$ 9,842	\$ 2,266	\$ 7,575

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Beginning (HB)	Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
							East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5			
5/7/2020	8	403.105	403.11	\$24.60	\$9,917								\$ 9,917	\$ 2,312	\$ 7,604
5/7/2020	9	397.272	397.27	\$22.00	\$8,740								\$ 8,740	\$ 2,068	\$ 6,672
5/7/2020	10	397.235	397.24	\$20.42	\$8,112								\$ 8,112	\$ 1,919	\$ 6,192
5/7/2020	11	399.184	399.18	\$19.61	\$7,828								\$ 7,828	\$ 1,843	\$ 5,985
5/7/2020	12	398.178	398.18	\$18.44	\$7,342								\$ 7,342	\$ 1,733	\$ 5,609
5/7/2020	13	393.265	393.27	\$17.31	\$6,808								\$ 6,808	\$ 1,627	\$ 5,180
5/7/2020	14	388.428	388.43	\$16.58	\$6,440								\$ 6,440	\$ 1,559	\$ 4,882
5/7/2020	15	383.508	383.51	\$16.62	\$6,374								\$ 6,374	\$ 1,562	\$ 4,812
5/7/2020	16	384.501	384.5	\$17.41	\$6,694								\$ 6,694	\$ 1,637	\$ 5,058
5/7/2020	17	381.454	381.45	\$18.20	\$6,942								\$ 6,942	\$ 1,711	\$ 5,232
5/7/2020	18	378.554	378.55	\$19.56	\$7,404								\$ 7,404	\$ 1,839	\$ 5,566
5/7/2020	19	389.368	389.37	\$21.80	\$8,488								\$ 8,488	\$ 2,049	\$ 6,439
5/7/2020	20	389.397	389.4	\$20.21	\$7,870								\$ 7,870	\$ 1,900	\$ 5,970
5/7/2020	21	371.742	371.74	\$17.22	\$6,401								\$ 6,401	\$ 1,619	\$ 4,783
5/7/2020	22	351.074	351.07	\$16.08	\$5,645								\$ 5,645	\$ 1,512	\$ 4,134
5/7/2020	23	333.421	333.42	\$16.10	\$5,368								\$ 5,368	\$ 1,513	\$ 3,855
5/8/2020	0	320.519	320.52	\$15.89	\$5,093								\$ 5,093	\$ 1,494	\$ 3,599
5/8/2020	1	313.576	313.58	\$15.59	\$4,889								\$ 4,889	\$ 1,465	\$ 3,423
5/8/2020	2	311.614	311.61	\$15.46	\$4,817								\$ 4,817	\$ 1,453	\$ 3,364
5/8/2020	3	314.497	314.5	\$15.98	\$5,026								\$ 5,026	\$ 1,502	\$ 3,524
5/8/2020	4	325.276	325.28	\$17.04	\$5,543								\$ 5,543	\$ 1,602	\$ 3,941
5/8/2020	5	346.983	346.98	\$18.89	\$6,554								\$ 6,554	\$ 1,776	\$ 4,779
5/8/2020	6	369.676	369.68	\$20.30	\$7,505								\$ 7,505	\$ 1,908	\$ 5,596
5/8/2020	7	390.554	390.55	\$21.10	\$8,241								\$ 8,241	\$ 1,983	\$ 6,257
5/8/2020	8	401.396	401.4	\$22.52	\$9,040								\$ 9,040	\$ 2,117	\$ 6,923
5/8/2020	9	412.098	412.1	\$23.02	\$9,487								\$ 9,487	\$ 2,164	\$ 7,323
5/8/2020	10	414.852	414.85	\$22.85	\$9,479								\$ 9,479	\$ 2,148	\$ 7,331
5/8/2020	11	418.657	418.66	\$22.06	\$9,236								\$ 9,236	\$ 2,074	\$ 7,162
5/8/2020	12	410.668	410.67	\$20.94	\$8,599								\$ 8,599	\$ 1,968	\$ 6,631
5/8/2020	13	404.65	404.65	\$20.41	\$8,259								\$ 8,259	\$ 1,919	\$ 6,340
5/8/2020	14	397.731	397.73	\$19.05	\$7,577								\$ 7,577	\$ 1,791	\$ 5,786
5/8/2020	15	385.754	385.75	\$18.19	\$7,017								\$ 7,017	\$ 1,710	\$ 5,307
5/8/2020	16	383.766	383.77	\$18.75	\$7,196								\$ 7,196	\$ 1,763	\$ 5,433
5/8/2020	17	381.886	381.89	\$18.90	\$7,218								\$ 7,218	\$ 1,777	\$ 5,441
5/8/2020	18	376.051	376.05	\$19.18	\$7,213								\$ 7,213	\$ 1,803	\$ 5,410
5/8/2020	19	383.087	383.09	\$20.01	\$7,666								\$ 7,666	\$ 1,881	\$ 5,785
5/8/2020	20	399.861	399.86	\$20.45	\$8,177								\$ 8,177	\$ 1,922	\$ 6,255
5/8/2020	21	397.974	397.97	\$19.02	\$7,569								\$ 7,569	\$ 1,788	\$ 5,782
5/8/2020	22	378.155	378.16	\$17.71	\$6,697								\$ 6,697	\$ 1,665	\$ 5,032
5/8/2020	23	365.471	365.47	\$17.30	\$6,323								\$ 6,323	\$ 1,626	\$ 4,696
5/9/2020	0	356.436	356.44	\$17.75	\$6,327								\$ 6,327	\$ 1,669	\$ 4,658
5/9/2020	1	355.314	355.31	\$17.43	\$6,193								\$ 6,193	\$ 1,638	\$ 4,555
5/9/2020	2	356.35	356.35	\$17.48	\$6,229								\$ 6,229	\$ 1,643	\$ 4,586
5/9/2020	3	358.247	358.25	\$19.33	\$6,925								\$ 6,925	\$ 1,817	\$ 5,108
5/9/2020	4	369.167	369.17	\$19.49	\$7,195								\$ 7,195	\$ 1,832	\$ 5,363
5/9/2020	5	376.076	376.08	\$20.00	\$7,522								\$ 7,522	\$ 1,880	\$ 5,642
5/9/2020	6	380.259	380.26	\$21.26	\$8,084								\$ 8,084	\$ 1,998	\$ 6,086
5/9/2020	7	380.43	380.43	\$21.41	\$8,145								\$ 8,145	\$ 2,013	\$ 6,132
5/9/2020	8	380.528	380.53	\$21.18	\$8,060								\$ 8,060	\$ 1,991	\$ 6,069
5/9/2020	9	382.689	382.69	\$19.31	\$7,390								\$ 7,390	\$ 1,815	\$ 5,575
5/9/2020	10	381.594	381.59	\$17.89	\$6,827								\$ 6,827	\$ 1,682	\$ 5,145
5/9/2020	11	375.854	375.85	\$16.86	\$6,337								\$ 6,337	\$ 1,585	\$ 4,752
5/9/2020	12	367.919	367.92	\$16.63	\$6,119								\$ 6,119	\$ 1,563	\$ 4,555
5/9/2020	13	357.063	357.06	\$16.39	\$5,852								\$ 5,852	\$ 1,541	\$ 4,312
5/9/2020	14	348.123	348.12	\$15.94	\$5,549								\$ 5,549	\$ 1,498	\$ 4,051
5/9/2020	15	343.274	343.27	\$16.25	\$5,578								\$ 5,578	\$ 1,528	\$ 4,051

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
							East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5			
5/9/2020	16	345.265	345.27	\$16.28	\$5,621								\$ 5,621	\$ 1,530	\$ 4,091
5/9/2020	17	346.318	346.32	\$17.31	\$5,995								\$ 5,995	\$ 1,627	\$ 4,368
5/9/2020	18	348.205	348.21	\$19.23	\$6,696								\$ 6,696	\$ 1,808	\$ 4,888
5/9/2020	19	357.09	357.09	\$21.67	\$7,738								\$ 7,738	\$ 2,037	\$ 5,701
5/9/2020	20	366.822	366.82	\$20.46	\$7,505								\$ 7,505	\$ 1,923	\$ 5,582
5/9/2020	21	356.786	356.79	\$17.21	\$6,140								\$ 6,140	\$ 1,618	\$ 4,523
5/9/2020	22	345.866	345.87	\$16.49	\$5,703								\$ 5,703	\$ 1,550	\$ 4,153
5/9/2020	23	335.242	335.24	\$17.06	\$5,719								\$ 5,719	\$ 1,604	\$ 4,116
5/10/2020	0	326.31	326.31	\$16.72	\$5,456								\$ 5,456	\$ 1,572	\$ 3,884
5/10/2020	1	322.186	322.19	\$16.48	\$5,310								\$ 5,310	\$ 1,549	\$ 3,761
5/10/2020	2	321.276	321.28	\$16.31	\$5,240								\$ 5,240	\$ 1,533	\$ 3,707
5/10/2020	3	321.239	321.24	\$16.57	\$5,323								\$ 5,323	\$ 1,558	\$ 3,765
5/10/2020	4	325.97	325.97	\$16.89	\$5,506								\$ 5,506	\$ 1,588	\$ 3,918
5/10/2020	5	329.88	329.88	\$16.49	\$5,440								\$ 5,440	\$ 1,550	\$ 3,890
5/10/2020	6	332.084	332.08	\$16.35	\$5,430								\$ 5,430	\$ 1,537	\$ 3,893
5/10/2020	7	341.137	341.14	\$16.88	\$5,758								\$ 5,758	\$ 1,587	\$ 4,172
5/10/2020	8	343.22	343.22	\$16.52	\$5,670								\$ 5,670	\$ 1,553	\$ 4,117
5/10/2020	9	346.265	346.27	\$15.42	\$5,339								\$ 5,339	\$ 1,449	\$ 3,890
5/10/2020	10	355.418	355.42	\$14.92	\$5,303								\$ 5,303	\$ 1,402	\$ 3,900
5/10/2020	11	355.489	355.49	\$14.52	\$5,162								\$ 5,162	\$ 1,365	\$ 3,797
5/10/2020	12	345.6	345.6	\$14.78	\$5,108								\$ 5,108	\$ 1,389	\$ 3,719
5/10/2020	13	335.726	335.73	\$14.51	\$4,871								\$ 4,871	\$ 1,364	\$ 3,508
5/10/2020	14	338.706	338.71	\$13.38	\$4,532								\$ 4,532	\$ 1,258	\$ 3,274
5/10/2020	15	336.668	336.67	\$14.32	\$4,821								\$ 4,821	\$ 1,346	\$ 3,475
5/10/2020	16	339.641	339.64	\$14.85	\$5,044								\$ 5,044	\$ 1,396	\$ 3,648
5/10/2020	17	339.661	339.66	\$14.52	\$4,932								\$ 4,932	\$ 1,365	\$ 3,567
5/10/2020	18	343.631	343.63	\$16.34	\$5,615								\$ 5,615	\$ 1,536	\$ 4,079
5/10/2020	19	353.468	353.47	\$18.81	\$6,649								\$ 6,649	\$ 1,768	\$ 4,881
5/10/2020	20	362.318	362.32	\$18.72	\$6,783								\$ 6,783	\$ 1,760	\$ 5,023
5/10/2020	21	349.34	349.34	\$16.16	\$5,645								\$ 5,645	\$ 1,519	\$ 4,126
5/10/2020	22	334.61	334.61	\$15.40	\$5,153								\$ 5,153	\$ 1,448	\$ 3,705
5/10/2020	23	324.841	324.84	\$15.94	\$5,178								\$ 5,178	\$ 1,498	\$ 3,680
5/11/2020	0	319.977	319.98	\$15.71	\$5,027								\$ 5,027	\$ 1,477	\$ 3,550
5/11/2020	1	318.927	318.93	\$15.30	\$4,880								\$ 4,880	\$ 1,438	\$ 3,441
5/11/2020	2	321.884	321.88	\$15.38	\$4,951								\$ 4,951	\$ 1,446	\$ 3,505
5/11/2020	3	329.755	329.76	\$16.00	\$5,276								\$ 5,276	\$ 1,504	\$ 3,772
5/11/2020	4	349.486	349.49	\$17.16	\$5,997								\$ 5,997	\$ 1,613	\$ 4,384
5/11/2020	5	375	375	\$20.93	\$7,849								\$ 7,849	\$ 1,967	\$ 5,881
5/11/2020	6	403.383	403.38	\$23.58	\$9,512								\$ 9,512	\$ 2,217	\$ 7,295
5/11/2020	7	419.754	419.75	\$23.73	\$9,961								\$ 9,961	\$ 2,231	\$ 7,730
5/11/2020	8	431.615	431.62	\$24.48	\$10,566								\$ 10,566	\$ 2,301	\$ 8,265
5/11/2020	9	432.203	432.2	\$24.57	\$10,619								\$ 10,619	\$ 2,310	\$ 8,310
5/11/2020	10	431.709	431.71	\$24.14	\$10,421								\$ 10,421	\$ 2,269	\$ 8,152
5/11/2020	11	436.872	436.87	\$23.23	\$10,148								\$ 10,148	\$ 2,184	\$ 7,965
5/11/2020	12	436.933	436.93	\$23.12	\$10,102								\$ 10,102	\$ 2,173	\$ 7,929
5/11/2020	13	425.302	425.3	\$20.49	\$8,714								\$ 8,714	\$ 1,926	\$ 6,788
5/11/2020	14	421.624	421.62	\$18.47	\$7,787								\$ 7,787	\$ 1,736	\$ 6,051
5/11/2020	15	418.477	418.48	\$18.92	\$7,918								\$ 7,918	\$ 1,778	\$ 6,139
5/11/2020	16	425.143	425.14	\$19.87	\$8,448								\$ 8,448	\$ 1,868	\$ 6,580
5/11/2020	17	422.238	422.24	\$20.57	\$8,685								\$ 8,685	\$ 1,934	\$ 6,752
5/11/2020	18	416.51	416.51	\$20.92	\$8,713								\$ 8,713	\$ 1,966	\$ 6,747
5/11/2020	19	419.612	419.61	\$24.36	\$10,222								\$ 10,222	\$ 2,290	\$ 7,932
5/11/2020	20	415.601	415.6	\$23.35	\$9,704								\$ 9,704	\$ 2,195	\$ 7,509
5/11/2020	21	394.818	394.82	\$20.22	\$7,983								\$ 7,983	\$ 1,901	\$ 6,083
5/11/2020	22	375.326	375.33	\$17.92	\$6,726								\$ 6,726	\$ 1,684	\$ 5,041
5/11/2020	23	359.805	359.81	\$16.22	\$5,836								\$ 5,836	\$ 1,525	\$ 4,311



Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
5/14/2020	8	396.835	396.84	\$17.97	\$7,131								\$ 7,131	\$ 1,689	\$ 5,442
5/14/2020	9	406.691	406.69	\$17.71	\$7,202								\$ 7,202	\$ 1,665	\$ 5,538
5/14/2020	10	413.563	413.56	\$17.98	\$7,436								\$ 7,436	\$ 1,690	\$ 5,746
5/14/2020	11	414.667	414.67	\$18.47	\$7,659								\$ 7,659	\$ 1,736	\$ 5,923
5/14/2020	12	421.659	421.66	\$18.70	\$7,885								\$ 7,885	\$ 1,758	\$ 6,127
5/14/2020	13	429.282	429.28	\$18.72	\$8,036								\$ 8,036	\$ 1,760	\$ 6,276
5/14/2020	14	430.203	430.2	\$18.66	\$8,028								\$ 8,028	\$ 1,754	\$ 6,273
5/14/2020	15	430.003	430	\$18.35	\$7,891								\$ 7,891	\$ 1,725	\$ 6,166
5/14/2020	16	433.736	433.74	\$18.63	\$8,081								\$ 8,081	\$ 1,751	\$ 6,329
5/14/2020	17	438.456	438.46	\$18.11	\$7,941								\$ 7,941	\$ 1,702	\$ 6,238
5/14/2020	18	433.456	433.46	\$18.53	\$8,032								\$ 8,032	\$ 1,742	\$ 6,290
5/14/2020	19	430.641	430.64	\$19.47	\$8,385								\$ 8,385	\$ 1,830	\$ 6,554
5/14/2020	20	439.58	439.58	\$18.24	\$8,018								\$ 8,018	\$ 1,715	\$ 6,303
5/14/2020	21	418.344	418.34	\$15.49	\$6,480								\$ 6,480	\$ 1,456	\$ 5,024
5/14/2020	22	391.837	391.84	\$13.94	\$5,462								\$ 5,462	\$ 1,310	\$ 4,152
5/14/2020	23	366.116	366.12	\$11.72	\$4,291								\$ 4,291	\$ 1,102	\$ 3,189
5/15/2020	0	348.435	348.44	\$11.16	\$3,889								\$ 3,889	\$ 1,049	\$ 2,840
5/15/2020	1	334.631	334.63	\$10.39	\$3,477								\$ 3,477	\$ 977	\$ 2,500
5/15/2020	2	324.757	324.76	\$9.96	\$3,235								\$ 3,235	\$ 936	\$ 2,298
5/15/2020	3	323.78	323.78	\$10.10	\$3,270								\$ 3,270	\$ 949	\$ 2,321
5/15/2020	4	334.717	334.72	\$11.33	\$3,792								\$ 3,792	\$ 1,065	\$ 2,727
5/15/2020	5	351.604	351.6	\$13.86	\$4,873								\$ 4,873	\$ 1,303	\$ 3,570
5/15/2020	6	379.311	379.31	\$15.10	\$5,728								\$ 5,728	\$ 1,419	\$ 4,308
5/15/2020	7	393.053	393.05	\$16.03	\$6,301								\$ 6,301	\$ 1,507	\$ 4,794
5/15/2020	8	407.833	407.83	\$17.32	\$7,064								\$ 7,064	\$ 1,628	\$ 5,436
5/15/2020	9	426.546	426.55	\$18.02	\$7,686								\$ 7,686	\$ 1,694	\$ 5,993
5/15/2020	10	437.286	437.29	\$19.88	\$8,693								\$ 8,693	\$ 1,869	\$ 6,825
5/15/2020	11	440.255	440.26	\$21.50	\$9,466								\$ 9,466	\$ 2,021	\$ 7,445
5/15/2020	12	437.219	437.22	\$22.31	\$9,754								\$ 9,754	\$ 2,097	\$ 7,657
5/15/2020	13	433.137	433.14	\$24.23	\$10,495								\$ 10,495	\$ 2,278	\$ 8,217
5/15/2020	14	425.198	425.2	\$25.25	\$10,736								\$ 10,736	\$ 2,374	\$ 8,363
5/15/2020	15	424.174	424.17	\$25.79	\$10,939								\$ 10,939	\$ 2,424	\$ 8,515
5/15/2020	16	421.231	421.23	\$24.49	\$10,316								\$ 10,316	\$ 2,302	\$ 8,014
5/15/2020	17	420.235	420.24	\$22.52	\$9,464								\$ 9,464	\$ 2,117	\$ 7,347
5/15/2020	18	415.331	415.33	\$21.25	\$8,826								\$ 8,826	\$ 1,998	\$ 6,828
5/15/2020	19	412.399	412.4	\$21.77	\$8,978								\$ 8,978	\$ 2,046	\$ 6,932
5/15/2020	20	412.52	412.52	\$19.91	\$8,213								\$ 8,213	\$ 1,872	\$ 6,342
5/15/2020	21	395.89	395.89	\$17.50	\$6,928								\$ 6,928	\$ 1,645	\$ 5,283
5/15/2020	22	370.075	370.08	\$15.57	\$5,762								\$ 5,762	\$ 1,464	\$ 4,299
5/15/2020	23	349.08	349.08	\$13.93	\$4,863								\$ 4,863	\$ 1,309	\$ 3,553
5/16/2020	0	331.569	331.57	\$13.58	\$4,503								\$ 4,503	\$ 1,277	\$ 3,226
5/16/2020	1	319.666	319.67	\$12.11	\$3,871								\$ 3,871	\$ 1,138	\$ 2,733
5/16/2020	2	311.77	311.77	\$11.32	\$3,529								\$ 3,529	\$ 1,064	\$ 2,465
5/16/2020	3	306.898	306.9	\$10.87	\$3,336								\$ 3,336	\$ 1,022	\$ 2,314
5/16/2020	4	308.786	308.79	\$10.77	\$3,326								\$ 3,326	\$ 1,012	\$ 2,313
5/16/2020	5	310.827	310.83	\$10.66	\$3,313								\$ 3,313	\$ 1,002	\$ 2,311
5/16/2020	6	317.667	317.67	\$12.13	\$3,853								\$ 3,853	\$ 1,140	\$ 2,713
5/16/2020	7	336.498	336.5	\$14.29	\$4,809								\$ 4,809	\$ 1,343	\$ 3,465
5/16/2020	8	355.322	355.32	\$15.63	\$5,554								\$ 5,554	\$ 1,469	\$ 4,084
5/16/2020	9	371.119	371.12	\$17.91	\$6,647								\$ 6,647	\$ 1,684	\$ 4,963
5/16/2020	10	383.057	383.06	\$19.77	\$6,881							35	\$ 6,881	\$ 1,858	\$ 5,023
5/16/2020	11	396.798	396.8	\$20.22	\$7,214							40	\$ 7,214	\$ 1,901	\$ 5,314
5/16/2020	12	403.596	403.6	\$20.41	\$8,237								\$ 8,237	\$ 1,919	\$ 6,319
5/16/2020	13	414.41	414.41	\$20.58	\$8,529								\$ 8,529	\$ 1,935	\$ 6,594
5/16/2020	14	424.092	424.09	\$20.60	\$8,736								\$ 8,736	\$ 1,936	\$ 6,800
5/16/2020	15	431.129	431.13	\$21.06	\$9,080								\$ 9,080	\$ 1,980	\$ 7,100





Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
5/19/2020	0	332.227	332.23	\$11.15	\$3,704								\$ 3,704	\$ 1,048	\$ 2,656
5/19/2020	1	324.347	324.35	\$10.81	\$3,506								\$ 3,506	\$ 1,016	\$ 2,490
5/19/2020	2	319.49	319.49	\$10.32	\$3,297								\$ 3,297	\$ 970	\$ 2,327
5/19/2020	3	321.435	321.44	\$10.54	\$3,388								\$ 3,388	\$ 991	\$ 2,397
5/19/2020	4	336.207	336.21	\$12.15	\$4,085								\$ 4,085	\$ 1,142	\$ 2,943
5/19/2020	5	362.763	362.76	\$14.04	\$5,093								\$ 5,093	\$ 1,320	\$ 3,773
5/19/2020	6	384.153	384.15	\$14.39	\$5,528								\$ 5,528	\$ 1,353	\$ 4,175
5/19/2020	7	401.775	401.78	\$15.99	\$6,424								\$ 6,424	\$ 1,503	\$ 4,921
5/19/2020	8	417.4	417.4	\$16.65	\$6,950								\$ 6,950	\$ 1,565	\$ 5,385
5/19/2020	9	423.319	423.32	\$16.75	\$7,091								\$ 7,091	\$ 1,575	\$ 5,516
5/19/2020	10	430.247	430.25	\$16.91	\$7,276								\$ 7,276	\$ 1,590	\$ 5,686
5/19/2020	11	434.219	434.22	\$17.24	\$7,486								\$ 7,486	\$ 1,621	\$ 5,865
5/19/2020	12	433.107	433.11	\$16.77	\$7,263								\$ 7,263	\$ 1,576	\$ 5,687
5/19/2020	13	429.12	429.12	\$16.27	\$6,982								\$ 6,982	\$ 1,529	\$ 5,452
5/19/2020	14	422.117	422.12	\$15.97	\$6,741								\$ 6,741	\$ 1,501	\$ 5,240
5/19/2020	15	418.173	418.17	\$16.37	\$6,845								\$ 6,845	\$ 1,539	\$ 5,307
5/19/2020	16	420.981	420.98	\$16.32	\$6,870								\$ 6,870	\$ 1,534	\$ 5,336
5/19/2020	17	421.189	421.19	\$16.53	\$6,962								\$ 6,962	\$ 1,554	\$ 5,408
5/19/2020	18	416.323	416.32	\$16.10	\$6,703								\$ 6,703	\$ 1,513	\$ 5,189
5/19/2020	19	412.483	412.48	\$16.23	\$6,695								\$ 6,695	\$ 1,526	\$ 5,169
5/19/2020	20	410.676	410.68	\$15.70	\$6,448								\$ 6,448	\$ 1,476	\$ 4,972
5/19/2020	21	389.881	389.88	\$13.55	\$5,283								\$ 5,283	\$ 1,274	\$ 4,009
5/19/2020	22	365.29	365.29	\$12.48	\$4,559								\$ 4,559	\$ 1,173	\$ 3,386
5/19/2020	23	347.436	347.44	\$11.98	\$4,162								\$ 4,162	\$ 1,126	\$ 3,036
5/20/2020	0	332.816	332.82	\$11.96	\$3,981								\$ 3,981	\$ 1,124	\$ 2,856
5/20/2020	1	323.005	323.01	\$12.00	\$3,876								\$ 3,876	\$ 1,128	\$ 2,748
5/20/2020	2	317.028	317.03	\$11.71	\$3,712								\$ 3,712	\$ 1,101	\$ 2,612
5/20/2020	3	318.047	318.05	\$11.86	\$3,772								\$ 3,772	\$ 1,115	\$ 2,657
5/20/2020	4	331.965	331.97	\$12.60	\$4,183								\$ 4,183	\$ 1,184	\$ 2,998
5/20/2020	5	354.517	354.52	\$14.52	\$5,148								\$ 5,148	\$ 1,365	\$ 3,783
5/20/2020	6	379.164	379.16	\$15.52	\$5,885								\$ 5,885	\$ 1,459	\$ 4,426
5/20/2020	7	401.453	401.45	\$17.21	\$6,909								\$ 6,909	\$ 1,618	\$ 5,291
5/20/2020	8	412.273	412.27	\$17.45	\$7,194								\$ 7,194	\$ 1,640	\$ 5,554
5/20/2020	9	416.158	416.16	\$17.22	\$7,166								\$ 7,166	\$ 1,619	\$ 5,548
5/20/2020	10	420.973	420.97	\$17.05	\$7,178								\$ 7,178	\$ 1,603	\$ 5,575
5/20/2020	11	422.762	422.76	\$17.22	\$7,280								\$ 7,280	\$ 1,619	\$ 5,661
5/20/2020	12	419.941	419.94	\$17.26	\$7,248								\$ 7,248	\$ 1,622	\$ 5,626
5/20/2020	13	414.714	414.71	\$17.12	\$7,100								\$ 7,100	\$ 1,609	\$ 5,491
5/20/2020	14	408.7	408.7	\$16.55	\$6,764								\$ 6,764	\$ 1,556	\$ 5,208
5/20/2020	15	404.633	404.63	\$17.02	\$6,887								\$ 6,887	\$ 1,600	\$ 5,287
5/20/2020	16	408.448	408.45	\$16.55	\$6,760								\$ 6,760	\$ 1,556	\$ 5,204
5/20/2020	17	406.562	406.56	\$16.73	\$6,802								\$ 6,802	\$ 1,573	\$ 5,229
5/20/2020	18	400.93	400.93	\$17.23	\$6,908								\$ 6,908	\$ 1,620	\$ 5,288
5/20/2020	19	401.163	401.16	\$17.25	\$6,920								\$ 6,920	\$ 1,622	\$ 5,299
5/20/2020	20	408.187	408.19	\$16.75	\$6,837								\$ 6,837	\$ 1,575	\$ 5,263
5/20/2020	21	390.376	390.38	\$14.91	\$5,821								\$ 5,821	\$ 1,402	\$ 4,419
5/20/2020	22	365.689	365.69	\$13.58	\$4,966								\$ 4,966	\$ 1,277	\$ 3,690
5/20/2020	23	346.919	346.92	\$12.48	\$4,330								\$ 4,330	\$ 1,173	\$ 3,156
5/21/2020	0	335.273	335.27	\$12.44	\$4,171								\$ 4,171	\$ 1,169	\$ 3,001
5/21/2020	1	327.459	327.46	\$12.47	\$4,083								\$ 4,083	\$ 1,172	\$ 2,911
5/21/2020	2	324.52	324.52	\$12.33	\$4,001								\$ 4,001	\$ 1,159	\$ 2,842
5/21/2020	3	327.509	327.51	\$12.34	\$4,041								\$ 4,041	\$ 1,160	\$ 2,882
5/21/2020	4	337.393	337.39	\$13.57	\$4,578								\$ 4,578	\$ 1,276	\$ 3,303
5/21/2020	5	359.192	359.19	\$15.07	\$5,413								\$ 5,413	\$ 1,417	\$ 3,996
5/21/2020	6	383.92	383.92	\$17.54	\$6,734								\$ 6,734	\$ 1,649	\$ 5,085
5/21/2020	7	399.69	399.69	\$18.97	\$7,582								\$ 7,582	\$ 1,783	\$ 5,799









Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5			
5/30/2020	16	440.267	440.27	\$20.17	\$8,880							\$ 8,880	\$ 1,896	\$ 6,984
5/30/2020	17	438.489	438.49	\$18.79	\$8,239							\$ 8,239	\$ 1,766	\$ 6,473
5/30/2020	18	430.789	430.79	\$17.38	\$7,487							\$ 7,487	\$ 1,634	\$ 5,853
5/30/2020	19	413.262	413.26	\$17.62	\$7,282							\$ 7,282	\$ 1,656	\$ 5,625
5/30/2020	20	406.763	406.76	\$17.07	\$6,943							\$ 6,943	\$ 1,605	\$ 5,339
5/30/2020	21	387.296	387.3	\$15.05	\$5,829							\$ 5,829	\$ 1,415	\$ 4,414
5/30/2020	22	361.698	361.7	\$13.90	\$5,028							\$ 5,028	\$ 1,307	\$ 3,721
5/30/2020	23	337.969	337.97	\$12.61	\$4,262							\$ 4,262	\$ 1,185	\$ 3,076
5/31/2020	0	319.285	319.29	\$12.23	\$3,905							\$ 3,905	\$ 1,150	\$ 2,755
5/31/2020	1	307.533	307.53	\$11.68	\$3,592							\$ 3,592	\$ 1,098	\$ 2,494
5/31/2020	2	298.738	298.74	\$10.80	\$3,226							\$ 3,226	\$ 1,015	\$ 2,211
5/31/2020	3	294.85	294.85	\$10.43	\$3,075							\$ 3,075	\$ 980	\$ 2,095
5/31/2020	4	294.816	294.82	\$10.40	\$3,066							\$ 3,066	\$ 978	\$ 2,089
5/31/2020	5	290.847	290.85	\$9.08	\$2,641							\$ 2,641	\$ 854	\$ 1,787
5/31/2020	6	297.838	297.84	\$10.21	\$3,041							\$ 3,041	\$ 960	\$ 2,081
5/31/2020	7	315.671	315.67	\$12.21	\$3,854							\$ 3,854	\$ 1,148	\$ 2,707
5/31/2020	8	334.449	334.45	\$12.94	\$4,328							\$ 4,328	\$ 1,216	\$ 3,111
5/31/2020	9	351.166	351.17	\$13.39	\$4,702							\$ 4,702	\$ 1,259	\$ 3,444
5/31/2020	10	363.943	363.94	\$13.50	\$4,913							\$ 4,913	\$ 1,269	\$ 3,644
5/31/2020	11	370.834	370.83	\$14.33	\$5,314							\$ 5,314	\$ 1,347	\$ 3,967
5/31/2020	12	376.735	376.74	\$14.20	\$5,350							\$ 5,350	\$ 1,335	\$ 4,015
5/31/2020	13	381.634	381.63	\$14.10	\$5,381							\$ 5,381	\$ 1,325	\$ 4,056
5/31/2020	14	388.451	388.45	\$14.47	\$5,621							\$ 5,621	\$ 1,360	\$ 4,261
5/31/2020	15	402.973	402.97	\$15.74	\$6,343							\$ 6,343	\$ 1,480	\$ 4,863
5/31/2020	16	415.764	415.76	\$15.81	\$6,573							\$ 6,573	\$ 1,486	\$ 5,087
5/31/2020	17	420.572	420.57	\$16.27	\$6,843							\$ 6,843	\$ 1,529	\$ 5,313
5/31/2020	18	416.692	416.69	\$16.44	\$6,850							\$ 6,850	\$ 1,545	\$ 5,305
5/31/2020	19	402.257	402.26	\$16.83	\$6,770							\$ 6,770	\$ 1,582	\$ 5,188
5/31/2020	20	398.334	398.33	\$16.49	\$6,568							\$ 6,568	\$ 1,550	\$ 5,018
5/31/2020	21	379.627	379.63	\$13.53	\$5,136							\$ 5,136	\$ 1,272	\$ 3,865
5/31/2020	22	348.903	348.9	\$12.44	\$4,340							\$ 4,340	\$ 1,169	\$ 3,171
5/31/2020	23	328.219	328.22	\$12.56	\$4,122							\$ 4,122	\$ 1,181	\$ 2,942
6/1/2020	0	311.379	311.38	\$12.03	\$3,746							\$ 3,746	\$ 1,131	\$ 2,615
6/1/2020	1	302.535	302.54	\$11.42	\$3,455							\$ 3,455	\$ 1,073	\$ 2,382
6/1/2020	2	299.612	299.61	\$10.83	\$3,245							\$ 3,245	\$ 1,018	\$ 2,227
6/1/2020	3	304.612	304.61	\$11.42	\$3,479							\$ 3,479	\$ 1,073	\$ 2,405
6/1/2020	4	315.395	315.4	\$12.27	\$3,870							\$ 3,870	\$ 1,153	\$ 2,717
6/1/2020	5	333.215	333.22	\$13.50	\$4,498							\$ 4,498	\$ 1,269	\$ 3,229
6/1/2020	6	361.861	361.86	\$13.72	\$4,965							\$ 4,965	\$ 1,290	\$ 3,675
6/1/2020	7	386.559	386.56	\$14.64	\$5,659							\$ 5,659	\$ 1,376	\$ 4,283
6/1/2020	8	399.478	399.48	\$15.53	\$6,204							\$ 6,204	\$ 1,460	\$ 4,744
6/1/2020	9	412.177	412.18	\$16.27	\$6,706							\$ 6,706	\$ 1,529	\$ 5,177
6/1/2020	10	424.97	424.97	\$16.94	\$7,199							\$ 7,199	\$ 1,592	\$ 5,607
6/1/2020	11	436.752	436.75	\$17.54	\$7,661							\$ 7,661	\$ 1,649	\$ 6,012
6/1/2020	12	451.611	451.61	\$17.66	\$7,975							\$ 7,975	\$ 1,660	\$ 6,315
6/1/2020	13	458.542	458.54	\$17.53	\$8,038							\$ 8,038	\$ 1,648	\$ 6,390
6/1/2020	14	465.479	465.48	\$17.42	\$8,109							\$ 8,109	\$ 1,637	\$ 6,471
6/1/2020	15	477.262	477.26	\$19.11	\$9,120							\$ 9,120	\$ 1,796	\$ 7,324
6/1/2020	16	491.796	491.8	\$19.71	\$9,693							\$ 9,693	\$ 1,853	\$ 7,841
6/1/2020	17	492.608	492.61	\$18.95	\$9,335							\$ 9,335	\$ 1,781	\$ 7,554
6/1/2020	18	474.728	474.73	\$18.05	\$8,569							\$ 8,569	\$ 1,697	\$ 6,872
6/1/2020	19	467.169	467.17	\$17.47	\$8,161							\$ 8,161	\$ 1,642	\$ 6,519
6/1/2020	20	465.259	465.26	\$16.61	\$7,728							\$ 7,728	\$ 1,561	\$ 6,167
6/1/2020	21	439.844	439.84	\$14.00	\$6,158							\$ 6,158	\$ 1,316	\$ 4,842
6/1/2020	22	407.218	407.22	\$12.94	\$5,269							\$ 5,269	\$ 1,216	\$ 4,053
6/1/2020	23	380.73	380.73	\$11.13	\$4,238							\$ 4,238	\$ 1,046	\$ 3,191







Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
6/6/2020	16	673.966	257.97	\$25.65	\$6,617	416							\$ 6,617	\$ 2,411	\$ 4,206
6/6/2020	17	668.016	158.02	\$24.22	\$3,827	510							\$ 3,827	\$ 2,277	\$ 1,551
6/6/2020	18	648.421	124.42	\$20.74	\$2,580	524							\$ 2,580	\$ 1,950	\$ 631
6/6/2020	19	615.981	91.98	\$19.20	\$1,766	524							\$ 1,766	\$ 1,766	\$ -
6/6/2020	20	593.13	54.13	\$17.70	\$958	539							\$ 958	\$ 958	\$ -
6/6/2020	21	563.911	1.91	\$15.43	\$29	562							\$ 29	\$ 29	\$ -
6/6/2020	22	517.239	0	\$0.00	\$0	549							\$ -	\$ -	\$ -
6/6/2020	23	473.123	0	\$0.00	\$0	498							\$ -	\$ -	\$ -
6/7/2020	0	435.881	27.88	\$12.07	\$337	408							\$ 337	\$ 337	\$ -
6/7/2020	1	405.483	73.48	\$11.60	\$852	332							\$ 852	\$ 852	\$ -
6/7/2020	2	382.92	73.92	\$10.87	\$804	309							\$ 804	\$ 804	\$ -
6/7/2020	3	365.154	58.15	\$10.76	\$626	307							\$ 626	\$ 626	\$ -
6/7/2020	4	353.277	45.28	\$9.80	\$444	308							\$ 444	\$ 444	\$ -
6/7/2020	5	342.326	34.33	\$8.68	\$298	308							\$ 298	\$ 298	\$ -
6/7/2020	6	358.117	60.12	\$10.11	\$608	298							\$ 608	\$ 608	\$ -
6/7/2020	7	391.624	82.62	\$12.27	\$1,014	309							\$ 1,014	\$ 1,014	\$ -
6/7/2020	8	427.11	119.11	\$13.36	\$1,591	308							\$ 1,591	\$ 1,256	\$ 335
6/7/2020	9	459.657	149.66	\$14.50	\$2,170	310							\$ 2,170	\$ 1,363	\$ 807
6/7/2020	10	487.189	175.19	\$15.90	\$2,786	312							\$ 2,786	\$ 1,495	\$ 1,291
6/7/2020	11	506.647	150.65	\$17.59	\$2,650	356							\$ 2,650	\$ 1,653	\$ 996
6/7/2020	12	523.18	116.18	\$18.67	\$2,169	407							\$ 2,169	\$ 1,755	\$ 414
6/7/2020	13	534.747	46.75	\$20.45	\$956	488							\$ 956	\$ 956	\$ -
6/7/2020	14	550.19	0	\$0.00	\$0	555							\$ -	\$ -	\$ -
6/7/2020	15	567.702	0.7	\$21.98	\$15	567							\$ 15	\$ 15	\$ -
6/7/2020	16	582.423	16.42	\$20.51	\$337	566							\$ 337	\$ 337	\$ -
6/7/2020	17	580.441	18.44	\$19.24	\$355	562							\$ 355	\$ 355	\$ -
6/7/2020	18	568.692	3.69	\$18.51	\$68	565							\$ 68	\$ 68	\$ -
6/7/2020	19	542.269	0	\$0.00	\$0	553							\$ -	\$ -	\$ -
6/7/2020	20	520.731	0	\$0.00	\$0	532							\$ -	\$ -	\$ -
6/7/2020	21	489.813	2.81	\$13.81	\$39	487							\$ 39	\$ 39	\$ -
6/7/2020	22	449.809	16.81	\$12.55	\$211	433							\$ 211	\$ 211	\$ -
6/7/2020	23	412.49	41.49	\$11.83	\$491	371							\$ 491	\$ 491	\$ -
6/8/2020	0	385.821	75.82	\$10.87	\$824	310							\$ 824	\$ 824	\$ -
6/8/2020	1	369.063	61.06	\$10.20	\$623	308							\$ 623	\$ 623	\$ -
6/8/2020	2	356.198	48.2	\$9.37	\$452	308							\$ 452	\$ 452	\$ -
6/8/2020	3	354.256	46.26	\$9.63	\$445	308							\$ 445	\$ 445	\$ -
6/8/2020	4	366.049	57.05	\$10.33	\$589	309							\$ 589	\$ 589	\$ -
6/8/2020	5	382.783	74.78	\$11.44	\$855	308							\$ 855	\$ 855	\$ -
6/8/2020	6	418.247	111.25	\$12.98	\$1,444	307							\$ 1,444	\$ 1,220	\$ 224
6/8/2020	7	454.647	147.65	\$14.59	\$2,154	307							\$ 2,154	\$ 1,371	\$ 783
6/8/2020	8	486.066	178.07	\$16.87	\$3,004	308							\$ 3,004	\$ 1,586	\$ 1,418
6/8/2020	9	520.431	212.43	\$20.74	\$4,406	308							\$ 4,406	\$ 1,950	\$ 2,456
6/8/2020	10	551.752	226.75	\$24.72	\$5,605	325							\$ 5,605	\$ 2,324	\$ 3,282
6/8/2020	11	580.652	224.65	\$28.16	\$6,326	356							\$ 6,326	\$ 2,647	\$ 3,679
6/8/2020	12	604.081	214.08	\$29.36	\$6,285	390							\$ 6,285	\$ 2,760	\$ 3,526
6/8/2020	13	614.784	188.78	\$33.78	\$6,377	426							\$ 6,377	\$ 3,175	\$ 3,202
6/8/2020	14	632.465	118.47	\$37.39	\$4,430	514							\$ 4,430	\$ 3,515	\$ 915
6/8/2020	15	646.933	100.93	\$43.17	\$4,357	546							\$ 4,357	\$ 4,058	\$ 299
6/8/2020	16	650.7	86.7	\$36.13	\$3,132	564							\$ 3,132	\$ 3,132	\$ -
6/8/2020	17	641.272	80.27	\$30.44	\$2,443	561							\$ 2,443	\$ 2,443	\$ -
6/8/2020	18	612.012	51.01	\$24.48	\$1,249	561							\$ 1,249	\$ 1,249	\$ -
6/8/2020	19	586.65	23.65	\$22.05	\$521	563							\$ 521	\$ 521	\$ -
6/8/2020	20	574.826	12.83	\$19.78	\$254	562							\$ 254	\$ 254	\$ -
6/8/2020	21	536.593	0	\$0.00	\$0	576							\$ -	\$ -	\$ -
6/8/2020	22	493.562	0	\$0.00	\$0	536							\$ -	\$ -	\$ -
6/8/2020	23	459.392	0	\$0.00	\$0	464							\$ -	\$ -	\$ -

**Hourly Purchase Energy Expense Detail - 2019 & 2020**

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
6/9/2020	0	432.146	62.15	\$12.03	\$748	370							\$ 748	\$ 748	\$ -
6/9/2020	1	409.589	101.59	\$11.39	\$1,157	308							\$ 1,157	\$ 1,071	\$ 86
6/9/2020	2	395.798	87.8	\$10.87	\$954	308							\$ 954	\$ 954	\$ -
6/9/2020	3	392.828	86.83	\$10.87	\$944	306							\$ 944	\$ 944	\$ -
6/9/2020	4	405.686	97.69	\$11.63	\$1,136	308							\$ 1,136	\$ 1,093	\$ 43
6/9/2020	5	423.246	115.25	\$13.46	\$1,551	308							\$ 1,551	\$ 1,265	\$ 286
6/9/2020	6	459.538	151.54	\$15.57	\$2,359	308							\$ 2,359	\$ 1,464	\$ 896
6/9/2020	7	518.584	210.58	\$16.63	\$3,502	308							\$ 3,502	\$ 1,563	\$ 1,939
6/9/2020	8	564.667	231.67	\$21.26	\$4,925	333							\$ 4,925	\$ 1,998	\$ 2,927
6/9/2020	9	607.261	229.26	\$24.06	\$5,516	378							\$ 5,516	\$ 2,262	\$ 3,254
6/9/2020	10	640.154	236.15	\$25.66	\$6,060	404							\$ 6,060	\$ 2,412	\$ 3,648
6/9/2020	11	663.277	164.28	\$33.87	\$5,564	499							\$ 5,564	\$ 3,184	\$ 2,380
6/9/2020	12	677.053	163.05	\$33.17	\$5,408	514							\$ 5,408	\$ 3,118	\$ 2,290
6/9/2020	13	685.946	136.95	\$35.79	\$4,901	430	5		40		39	35	\$ 4,901	\$ 3,364	\$ 1,537
6/9/2020	14	653.149	0	\$0.00	\$0	461	68	68	69	51	70	70	\$ -	\$ -	\$ -
6/9/2020	15	655.062	0	\$0.00	\$0	531	74	76	76	76	73	75	\$ -	\$ -	\$ -
6/9/2020	16	677.772	0	\$0.00	\$0	559	73	75	72	71	71	73	\$ -	\$ -	\$ -
6/9/2020	17	674.986	0	\$0.00	\$0	561	73	76	74	74	73	73	\$ -	\$ -	\$ -
6/9/2020	18	652.705	0	\$0.00	\$0	563	75	76	45	43	74	75	\$ -	\$ -	\$ -
6/9/2020	19	637.23	0	\$0.00	\$0	562	73	77			73	75	\$ -	\$ -	\$ -
6/9/2020	20	629.571	0	\$0.00	\$0	562	72	75			71	73	\$ -	\$ -	\$ -
6/9/2020	21	601.136	25.14	\$20.72	\$521	563	2	3			4	4	\$ 521	\$ 521	\$ -
6/9/2020	22	557.887	0	\$0.00	\$0	558							\$ -	\$ -	\$ -
6/9/2020	23	521.743	4.74	\$14.98	\$71	517							\$ 71	\$ 71	\$ -
6/10/2020	0	494.36	0	\$0.00	\$0	519							\$ -	\$ -	\$ -
6/10/2020	1	473.944	0	\$0.00	\$0	478							\$ -	\$ -	\$ -
6/10/2020	2	464.232	88.23	\$12.67	\$1,118	376							\$ 1,118	\$ 1,118	\$ -
6/10/2020	3	462.246	150.25	\$12.82	\$1,926	312							\$ 1,926	\$ 1,205	\$ 721
6/10/2020	4	476.883	112.88	\$13.67	\$1,543	364							\$ 1,543	\$ 1,285	\$ 258
6/10/2020	5	500.434	114.43	\$14.84	\$1,698	386							\$ 1,698	\$ 1,395	\$ 303
6/10/2020	6	526.751	49.75	\$18.14	\$902	477							\$ 902	\$ 902	\$ -
6/10/2020	7	558.003	0	\$0.00	\$0	558							\$ -	\$ -	\$ -
6/10/2020	8	586.375	25.38	\$24.54	\$623	561							\$ 623	\$ 623	\$ -
6/10/2020	9	605.304	68.3	\$26.26	\$1,794	536	1						\$ 1,794	\$ 1,794	\$ -
6/10/2020	10	625.504	44.5	\$26.72	\$1,189	547	17	1	15			1	\$ 1,189	\$ 1,189	\$ -
6/10/2020	11	654.624	0	\$0.00	\$0	563	17	18	16	14	16	16	\$ -	\$ -	\$ -
6/10/2020	12	695.734	0	\$0.00	\$0	562	47	50	49	50	48	49	\$ -	\$ -	\$ -
6/10/2020	13	719.971	0	\$0.00	\$0	562	71	72	72	72	70	71	\$ -	\$ -	\$ -
6/10/2020	14	721.815	0	\$0.00	\$0	565	71	74	71	73	70	72	\$ -	\$ -	\$ -
6/10/2020	15	697.399	0	\$0.00	\$0	560	73	75	72	72	73	73	\$ -	\$ -	\$ -
6/10/2020	16	715.011	0	\$0.00	\$0	561	71	72	70	71	69	71	\$ -	\$ -	\$ -
6/10/2020	17	703.551	0	\$0.00	\$0	534	46	48	46	46	47	47	\$ -	\$ -	\$ -
6/10/2020	18	670.537	96.54	\$24.56	\$2,371	526	7	8	8	8	8	9	\$ 2,371	\$ 2,309	\$ 62
6/10/2020	19	622.24	110.24	\$24.28	\$2,677	512							\$ 2,677	\$ 2,282	\$ 394
6/10/2020	20	592.863	102.86	\$20.86	\$2,146	490							\$ 2,146	\$ 1,961	\$ 185
6/10/2020	21	552.755	125.76	\$18.38	\$2,311	427							\$ 2,311	\$ 1,728	\$ 584
6/10/2020	22	504.798	107.8	\$16.74	\$1,805	397							\$ 1,805	\$ 1,574	\$ 231
6/10/2020	23	469.687	150.69	\$17.02	\$2,565	319							\$ 2,565	\$ 1,600	\$ 965
6/11/2020	0	440.191	131.19	\$15.78	\$2,070	309							\$ 2,070	\$ 1,483	\$ 587
6/11/2020	1	415.624	107.62	\$14.39	\$1,549	308							\$ 1,549	\$ 1,353	\$ 196
6/11/2020	2	396.834	88.83	\$13.27	\$1,179	308							\$ 1,179	\$ 1,179	\$ -
6/11/2020	3	389.952	82.95	\$13.39	\$1,111	307							\$ 1,111	\$ 1,111	\$ -
6/11/2020	4	391.913	84.91	\$14.47	\$1,229	307							\$ 1,229	\$ 1,229	\$ -
6/11/2020	5	405.844	98.84	\$15.66	\$1,548	307							\$ 1,548	\$ 1,472	\$ 76
6/11/2020	6	437.52	129.52	\$17.26	\$2,236	308							\$ 2,236	\$ 1,622	\$ 613
6/11/2020	7	472.132	157.13	\$18.61	\$2,924	315							\$ 2,924	\$ 1,749	\$ 1,175

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Energy Cost (\$/MWh)	Total Purchase Energy (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)			
6/11/2020	8	500.563	104.56	\$21.30	\$2,227	396						\$	2,227	\$	2,002	\$	225
6/11/2020	9	524.17	120.17	\$22.20	\$2,668	404						\$	2,668	\$	2,087	\$	581
6/11/2020	10	539.826	141.83	\$23.10	\$3,276	398						\$	3,276	\$	2,171	\$	1,105
6/11/2020	11	553.409	96.41	\$23.77	\$2,292	457						\$	2,292	\$	2,234	\$	57
6/11/2020	12	570.906	0	\$0.00	\$0	575						\$	-	\$	-	\$	-
6/11/2020	13	577.829	0	\$0.00	\$0	600						\$	-	\$	-	\$	-
6/11/2020	14	588.571	0	\$0.00	\$0	607						\$	-	\$	-	\$	-
6/11/2020	15	598.377	8.38	\$25.61	\$215	590						\$	215	\$	215	\$	-
6/11/2020	16	607.352	0	\$0.00	\$0	608						\$	-	\$	-	\$	-
6/11/2020	17	600.64	0	\$0.00	\$0	609						\$	-	\$	-	\$	-
6/11/2020	18	585.245	2.25	\$22.14	\$50	583						\$	50	\$	50	\$	-
6/11/2020	19	554.903			\$0	586						\$	-	\$	-	\$	-
6/11/2020	20	532.381			\$0	590						\$	-	\$	-	\$	-
6/11/2020	21	494.994	1.99	\$17.67	\$35	493						\$	35	\$	35	\$	-
6/11/2020	22	451.822	69.82	\$16.53	\$1,154	382						\$	1,154	\$	1,154	\$	-
6/11/2020	23	417.262	107.26	\$13.41	\$1,438	310						\$	1,438	\$	1,261	\$	178
6/12/2020	0	391.568	80.57	\$11.64	\$938	311						\$	938	\$	938	\$	-
6/12/2020	1	372.868	64.87	\$11.11	\$721	308						\$	721	\$	721	\$	-
6/12/2020	2	361.101	52.1	\$10.38	\$541	309						\$	541	\$	541	\$	-
6/12/2020	3	361.09	53.09	\$10.44	\$554	308						\$	554	\$	554	\$	-
6/12/2020	4	371.009	62.01	\$11.31	\$701	309						\$	701	\$	701	\$	-
6/12/2020	5	384.853	76.85	\$12.45	\$957	308						\$	957	\$	957	\$	-
6/12/2020	6	414.413	104.41	\$14.71	\$1,536	310						\$	1,536	\$	1,383	\$	153
6/12/2020	7	450.005	141.01	\$16.31	\$2,300	309						\$	2,300	\$	1,533	\$	767
6/12/2020	8	481.384	140.38	\$19.76	\$2,774	341						\$	2,774	\$	1,857	\$	916
6/12/2020	9	510.852	85.85	\$22.78	\$1,956	425						\$	1,956	\$	1,956	\$	-
6/12/2020	10	536.294			\$0	578						\$	-	\$	-	\$	-
6/12/2020	11	557.891			\$0	606						\$	-	\$	-	\$	-
6/12/2020	12	578.912			\$0	606						\$	-	\$	-	\$	-
6/12/2020	13	588.732	0	\$0.00	\$0	606						\$	-	\$	-	\$	-
6/12/2020	14	595.574	0	\$0.00	\$0	607						\$	-	\$	-	\$	-
6/12/2020	15	605.353	0.35	\$25.71	\$9	605						\$	9	\$	9	\$	-
6/12/2020	16	610.344	6.34	\$25.16	\$160	604						\$	160	\$	160	\$	-
6/12/2020	17	603.539	0	\$0.00	\$0	607						\$	-	\$	-	\$	-
6/12/2020	18	586.817	0	\$0.00	\$0	603						\$	-	\$	-	\$	-
6/12/2020	19	552.481			\$0	605						\$	-	\$	-	\$	-
6/12/2020	20	526.794	0	\$0.00	\$0	604						\$	-	\$	-	\$	-
6/12/2020	21	493.333	0	\$0.00	\$0	602						\$	-	\$	-	\$	-
6/12/2020	22	448.848	0	\$0.00	\$0	603						\$	-	\$	-	\$	-
6/12/2020	23	409.263	0	\$0.00	\$0	602						\$	-	\$	-	\$	-
6/13/2020	0	381.503	0	\$0.00	\$0	600						\$	-	\$	-	\$	-
6/13/2020	1	361.634	0	\$0.00	\$0	587						\$	-	\$	-	\$	-
6/13/2020	2	347.074	0	\$0.00	\$0	520						\$	-	\$	-	\$	-
6/13/2020	3	341.274	0	\$0.00	\$0	414						\$	-	\$	-	\$	-
6/13/2020	4	340.393	0.39	\$10.22	\$4	340						\$	4	\$	4	\$	-
6/13/2020	5	336.455	30.46	\$10.35	\$315	306						\$	315	\$	315	\$	-
6/13/2020	6	350.308	41.31	\$11.33	\$468	309						\$	468	\$	468	\$	-
6/13/2020	7	377.069	72.07	\$12.85	\$926	305						\$	926	\$	926	\$	-
6/13/2020	8	390.844	82.84	\$14.51	\$1,202	308						\$	1,202	\$	1,202	\$	-
6/13/2020	9	405.79	97.79	\$14.96	\$1,463	308						\$	1,463	\$	1,406	\$	57
6/13/2020	10	412.686	105.69	\$15.85	\$1,675	307						\$	1,675	\$	1,490	\$	185
6/13/2020	11	427.505	110.51	\$17.15	\$1,895	317						\$	1,895	\$	1,612	\$	283
6/13/2020	12	439.322	74.32	\$17.40	\$1,293	365						\$	1,293	\$	1,293	\$	-
6/13/2020	13	454.095	94.1	\$18.13	\$1,706	360						\$	1,706	\$	1,704	\$	2
6/13/2020	14	467.662	20.66	\$18.55	\$383	447						\$	383	\$	383	\$	-
6/13/2020	15	479.368			\$0	501						\$	-	\$	-	\$	-

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)			
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6		
6/13/2020	16	485.114			\$0	573						\$	-	\$	-	\$	-
6/13/2020	17	482.048	0	\$0.00	\$0	585						\$	-	\$	-	\$	-
6/13/2020	18	464.525	0	\$0.00	\$0	545						\$	-	\$	-	\$	-
6/13/2020	19	441.069	0	\$0.00	\$0	469						\$	-	\$	-	\$	-
6/13/2020	20	434.134	48.13	\$15.61	\$751	386						\$	751	\$	751	\$	-
6/13/2020	21	416.582	89.58	\$13.78	\$1,234	327						\$	1,234	\$	1,234	\$	-
6/13/2020	22	387.818	81.82	\$12.45	\$1,019	306						\$	1,019	\$	1,019	\$	-
6/13/2020	23	362.118	56.12	\$11.27	\$632	306						\$	632	\$	632	\$	-
6/14/2020	0	344.45	39.45	\$10.78	\$425	305						\$	425	\$	425	\$	-
6/14/2020	1	328.659	22.66	\$10.61	\$240	306						\$	240	\$	240	\$	-
6/14/2020	2	317.757	13.76	\$9.45	\$130	304						\$	130	\$	130	\$	-
6/14/2020	3	310.732	5.73	\$9.38	\$54	305						\$	54	\$	54	\$	-
6/14/2020	4	307.692	2.69	\$9.00	\$24	305						\$	24	\$	24	\$	-
6/14/2020	5	306.669	0.67	\$8.10	\$5	306						\$	5	\$	5	\$	-
6/14/2020	6	309.66	4.66	\$10.17	\$47	305						\$	47	\$	47	\$	-
6/14/2020	7	321.5	15.5	\$11.64	\$180	306						\$	180	\$	180	\$	-
6/14/2020	8	335.489	31.49	\$12.57	\$396	304						\$	396	\$	396	\$	-
6/14/2020	9	348.384	42.38	\$13.59	\$576	306						\$	576	\$	576	\$	-
6/14/2020	10	359.161	52.16	\$14.56	\$759	307						\$	759	\$	759	\$	-
6/14/2020	11	366.944	58.94	\$15.74	\$928	308						\$	928	\$	928	\$	-
6/14/2020	12	377.931	70.93	\$15.36	\$1,089	307						\$	1,089	\$	1,089	\$	-
6/14/2020	13	387.924	82.92	\$16.62	\$1,378	305						\$	1,378	\$	1,378	\$	-
6/14/2020	14	399.893	92.89	\$17.23	\$1,600	307						\$	1,600	\$	1,600	\$	-
6/14/2020	15	417.747	110.75	\$18.24	\$2,020	307						\$	2,020	\$	1,715	\$	306
6/14/2020	16	432.492	132.49	\$18.49	\$2,450	300						\$	2,450	\$	1,738	\$	712
6/14/2020	17	441.409	124.41	\$17.51	\$2,178	317						\$	2,178	\$	1,646	\$	532
6/14/2020	18	435.514	128.51	\$17.27	\$2,219	307						\$	2,219	\$	1,623	\$	596
6/14/2020	19	421.606	111.61	\$16.41	\$1,832	310						\$	1,832	\$	1,543	\$	289
6/14/2020	20	416.436	34.44	\$15.77	\$543	382						\$	543	\$	543	\$	-
6/14/2020	21	399.736	67.74	\$13.69	\$927	332						\$	927	\$	927	\$	-
6/14/2020	22	371.996	66	\$12.05	\$795	306						\$	795	\$	795	\$	-
6/14/2020	23	348.446	41.45	\$10.88	\$451	307						\$	451	\$	451	\$	-
6/15/2020	0	332.614	25.61	\$9.79	\$251	307						\$	251	\$	251	\$	-
6/15/2020	1	321.726	15.73	\$8.76	\$138	306						\$	138	\$	138	\$	-
6/15/2020	2	316.727	10.73	\$9.05	\$97	306						\$	97	\$	97	\$	-
6/15/2020	3	317.686	12.69	\$9.13	\$116	305						\$	116	\$	116	\$	-
6/15/2020	4	331.459	24.46	\$9.89	\$242	307						\$	242	\$	242	\$	-
6/15/2020	5	348.303	43.3	\$11.37	\$492	305						\$	492	\$	492	\$	-
6/15/2020	6	376.897	67.9	\$14.32	\$972	309						\$	972	\$	972	\$	-
6/15/2020	7	406.606	100.61	\$15.12	\$1,521	306						\$	1,521	\$	1,421	\$	100
6/15/2020	8	428.503	120.5	\$16.37	\$1,973	308						\$	1,973	\$	1,539	\$	434
6/15/2020	9	445.86	124.86	\$19.20	\$2,397	321						\$	2,397	\$	1,805	\$	593
6/15/2020	10	466.425	139.43	\$20.83	\$2,904	327						\$	2,904	\$	1,958	\$	946
6/15/2020	11	481.153	68.15	\$23.10	\$1,574	413						\$	1,574	\$	1,574	\$	-
6/15/2020	12	489.944			\$0	511						\$	-	\$	-	\$	-
6/15/2020	13	502.756			\$0	579						\$	-	\$	-	\$	-
6/15/2020	14	512.736			\$0	543						\$	-	\$	-	\$	-
6/15/2020	15	522.421			\$0	589						\$	-	\$	-	\$	-
6/15/2020	16	538.129			\$0	605						\$	-	\$	-	\$	-
6/15/2020	17	544.08			\$0	605						\$	-	\$	-	\$	-
6/15/2020	18	535.274			\$0	588						\$	-	\$	-	\$	-
6/15/2020	19	513.697			\$0	578						\$	-	\$	-	\$	-
6/15/2020	20	502.847	0	\$0.00	\$0	545						\$	-	\$	-	\$	-
6/15/2020	21	476.284	0	\$0.00	\$0	477						\$	-	\$	-	\$	-
6/15/2020	22	437.023	45.02	\$13.50	\$608	392						\$	608	\$	608	\$	-
6/15/2020	23	404.537	23.54	\$10.89	\$256	381						\$	256	\$	256	\$	-

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Demand (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)				
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6			
6/16/2020	0		381.923	29.92	\$10.30	\$308	352						\$	308	\$	308	\$	-
6/16/2020	1		364.265	44.27	\$9.84	\$436	320						\$	436	\$	436	\$	-
6/16/2020	2		352.348	53.35	\$9.65	\$515	299						\$	515	\$	515	\$	-
6/16/2020	3		353.314	46.31	\$9.70	\$449	307						\$	449	\$	449	\$	-
6/16/2020	4		363.25	55.25	\$10.28	\$568	308						\$	568	\$	568	\$	-
6/16/2020	5		381.892	4.89	\$11.95	\$58	377						\$	58	\$	58	\$	-
6/16/2020	6		410.434	12.43	\$14.42	\$179	398						\$	179	\$	179	\$	-
6/16/2020	7		440.98	42.98	\$17.04	\$732	398						\$	732	\$	732	\$	-
6/16/2020	8		461.678	61.68	\$17.62	\$1,087	400						\$	1,087	\$	1,087	\$	-
6/16/2020	9		484.451	29.45	\$19.23	\$566	455						\$	566	\$	566	\$	-
6/16/2020	10		504.174			\$0	594						\$	-	\$	-	\$	-
6/16/2020	11		524.738			\$0	598						\$	-	\$	-	\$	-
6/16/2020	12		539.509			\$0	601						\$	-	\$	-	\$	-
6/16/2020	13		554.304			\$0	602						\$	-	\$	-	\$	-
6/16/2020	14		569.09			\$0	600						\$	-	\$	-	\$	-
6/16/2020	15		560.126			\$0	599						\$	-	\$	-	\$	-
6/16/2020	16		569.017			\$0	604						\$	-	\$	-	\$	-
6/16/2020	17		571.03			\$0	603						\$	-	\$	-	\$	-
6/16/2020	18		557.315			\$0	605						\$	-	\$	-	\$	-
6/16/2020	19		535.571			\$0	602						\$	-	\$	-	\$	-
6/16/2020	20		522.75			\$0	604						\$	-	\$	-	\$	-
6/16/2020	21		494.232	0	\$0.00	\$0	605						\$	-	\$	-	\$	-
6/16/2020	22		452.866	0	\$0.00	\$0	586						\$	-	\$	-	\$	-
6/16/2020	23		417.432	0	\$0.00	\$0	571						\$	-	\$	-	\$	-
6/17/2020	0		391.065	0	\$0.00	\$0	470						\$	-	\$	-	\$	-
6/17/2020	1		372.377	0	\$0.00	\$0	377						\$	-	\$	-	\$	-
6/17/2020	2		363.518	51.52	\$10.48	\$540	312						\$	540	\$	540	\$	-
6/17/2020	3		364.501	57.5	\$10.62	\$611	307						\$	611	\$	611	\$	-
6/17/2020	4		374.43	66.43	\$10.62	\$705	308						\$	705	\$	705	\$	-
6/17/2020	5		394.198	88.2	\$11.97	\$1,056	306						\$	1,056	\$	1,056	\$	-
6/17/2020	6		422.855	115.86	\$16.10	\$1,865	307						\$	1,865	\$	1,513	\$	352
6/17/2020	7		451.426	135.43	\$17.82	\$2,413	316						\$	2,413	\$	1,675	\$	738
6/17/2020	8		480.819	119.82	\$19.84	\$2,377	361						\$	2,377	\$	1,865	\$	512
6/17/2020	9		511.462	187.46	\$20.92	\$3,922	324						\$	3,922	\$	1,966	\$	1,955
6/17/2020	10		534.91	154.91	\$23.20	\$3,594	380						\$	3,594	\$	2,181	\$	1,413
6/17/2020	11		553.481	144.48	\$21.09	\$3,047	409						\$	3,047	\$	1,982	\$	1,065
6/17/2020	12		564.945	59.95	\$21.85	\$1,310	505						\$	1,310	\$	1,310	\$	-
6/17/2020	13		578.396			\$0	585						\$	-	\$	-	\$	-
6/17/2020	14		587.952	14.95	\$24.44	\$365	573						\$	365	\$	365	\$	-
6/17/2020	15		590.728	0	\$0.00	\$0	618						\$	-	\$	-	\$	-
6/17/2020	16		592.339	15.34	\$27.81	\$427	577						\$	427	\$	427	\$	-
6/17/2020	17		593.45	11.45	\$24.27	\$278	582						\$	278	\$	278	\$	-
6/17/2020	18		586.661	13.66	\$22.48	\$307	573						\$	307	\$	307	\$	-
6/17/2020	19		560.49	53.49	\$20.93	\$1,120	507						\$	1,120	\$	1,120	\$	-
6/17/2020	20		546.876	106.88	\$19.63	\$2,098	440						\$	2,098	\$	1,845	\$	253
6/17/2020	21		517.466	148.47	\$18.20	\$2,702	369						\$	2,702	\$	1,711	\$	991
6/17/2020	22		470.505	153.51	\$16.46	\$2,527	317						\$	2,527	\$	1,547	\$	980
6/17/2020	23		435.465	117.47	\$12.85	\$1,509	318						\$	1,509	\$	1,208	\$	302
6/18/2020	0		407.996	102	\$11.92	\$1,216	306						\$	1,216	\$	1,120	\$	95
6/18/2020	1		387.178	79.18	\$10.74	\$850	308						\$	850	\$	850	\$	-
6/18/2020	2		374.267	66.27	\$10.46	\$693	308						\$	693	\$	693	\$	-
6/18/2020	3		370.266	61.27	\$10.49	\$643	309						\$	643	\$	643	\$	-
6/18/2020	4		381.114	72.11	\$11.02	\$795	309						\$	795	\$	795	\$	-
6/18/2020	5		396.887	87.89	\$12.22	\$1,074	309						\$	1,074	\$	1,074	\$	-
6/18/2020	6		427.097	119.1	\$14.63	\$1,742	308						\$	1,742	\$	1,375	\$	367
6/18/2020	7		456.65	148.65	\$18.10	\$2,691	308						\$	2,691	\$	1,701	\$	989

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
6/18/2020	8	475.185	119.19	\$19.31	\$2,302	356						\$ 2,302	\$ 1,815	\$ 486
6/18/2020	9	484.885	36.89	\$21.32	\$786	448						\$ 786	\$ 786	\$ -
6/18/2020	10	499.435	9.44	\$23.26	\$220	490						\$ 220	\$ 220	\$ -
6/18/2020	11	525.512			\$0	592						\$ -	\$ -	\$ -
6/18/2020	12	560.988			\$0	601						\$ -	\$ -	\$ -
6/18/2020	13	578.665	0	\$0.00	\$0	588						\$ -	\$ -	\$ -
6/18/2020	14	589.579	0	\$0.00	\$0	606						\$ -	\$ -	\$ -
6/18/2020	15	601.318	0	\$0.00	\$0	605						\$ -	\$ -	\$ -
6/18/2020	16	572.679	0	\$0.00	\$0	606						\$ -	\$ -	\$ -
6/18/2020	17	559.89	0	\$0.00	\$0	606						\$ -	\$ -	\$ -
6/18/2020	18	545.195	0	\$0.00	\$0	606						\$ -	\$ -	\$ -
6/18/2020	19	527.552			\$0	603						\$ -	\$ -	\$ -
6/18/2020	20	519.823			\$0	598						\$ -	\$ -	\$ -
6/18/2020	21	491.085			\$0	599						\$ -	\$ -	\$ -
6/18/2020	22	452.954	0	\$0.00	\$0	581						\$ -	\$ -	\$ -
6/18/2020	23	422.953	0	\$0.00	\$0	481						\$ -	\$ -	\$ -
6/19/2020	0	397.717	48.72	\$12.15	\$592	349						\$ 592	\$ 592	\$ -
6/19/2020	1	381.074	83.07	\$11.77	\$978	298						\$ 978	\$ 978	\$ -
6/19/2020	2	372.251	64.25	\$11.33	\$728	308						\$ 728	\$ 728	\$ -
6/19/2020	3	372.226	63.23	\$11.36	\$718	309						\$ 718	\$ 718	\$ -
6/19/2020	4	384.133	76.13	\$11.74	\$894	308						\$ 894	\$ 894	\$ -
6/19/2020	5	402.884	94.88	\$12.33	\$1,170	308						\$ 1,170	\$ 1,159	\$ 11
6/19/2020	6	431.465	124.47	\$14.91	\$1,856	307						\$ 1,856	\$ 1,402	\$ 454
6/19/2020	7	471.621	143.62	\$18.55	\$2,664	328						\$ 2,664	\$ 1,744	\$ 920
6/19/2020	8	504.317	103.32	\$20.93	\$2,162	401						\$ 2,162	\$ 1,967	\$ 195
6/19/2020	9	539.483	42.48	\$22.99	\$977	497						\$ 977	\$ 977	\$ -
6/19/2020	10	564.88			\$0	591						\$ -	\$ -	\$ -
6/19/2020	11	594.426			\$0	606						\$ -	\$ -	\$ -
6/19/2020	12	618.089	12.09	\$27.41	\$331	606						\$ 331	\$ 331	\$ -
6/19/2020	13	627.917	22.92	\$32.20	\$738	605						\$ 738	\$ 738	\$ -
6/19/2020	14	638.694	32.69	\$32.26	\$1,055	606						\$ 1,055	\$ 1,055	\$ -
6/19/2020	15	655.408	49.41	\$35.80	\$1,769	606						\$ 1,769	\$ 1,769	\$ -
6/19/2020	16	660.283	54.28	\$34.81	\$1,889	606						\$ 1,889	\$ 1,889	\$ -
6/19/2020	17	656.365	66.37	\$28.53	\$1,894	590						\$ 1,894	\$ 1,894	\$ -
6/19/2020	18	638.768	34.77	\$24.33	\$846	604						\$ 846	\$ 846	\$ -
6/19/2020	19	609.31	6.31	\$21.44	\$135	603						\$ 135	\$ 135	\$ -
6/19/2020	20	587.765			\$0	604						\$ -	\$ -	\$ -
6/19/2020	21	554.251			\$0	595						\$ -	\$ -	\$ -
6/19/2020	22	510.517	12.52	\$16.98	\$213	498						\$ 213	\$ 213	\$ -
6/19/2020	23	469.466	94.47	\$14.91	\$1,409	375						\$ 1,409	\$ 1,402	\$ 7
6/20/2020	0	436.453	130.45	\$13.63	\$1,778	306						\$ 1,778	\$ 1,281	\$ 497
6/20/2020	1	411.877	103.88	\$13.25	\$1,376	308						\$ 1,376	\$ 1,246	\$ 131
6/20/2020	2	393.092	86.09	\$12.28	\$1,057	307						\$ 1,057	\$ 1,057	\$ -
6/20/2020	3	384.178	76.18	\$11.94	\$910	308						\$ 910	\$ 910	\$ -
6/20/2020	4	381.206	73.21	\$11.80	\$864	308						\$ 864	\$ 864	\$ -
6/20/2020	5	376.323	69.32	\$10.82	\$750	307						\$ 750	\$ 750	\$ -
6/20/2020	6	394.975	87.98	\$12.44	\$1,094	307						\$ 1,094	\$ 1,094	\$ -
6/20/2020	7	437.514	130.51	\$15.67	\$2,045	307						\$ 2,045	\$ 1,473	\$ 572
6/20/2020	8	483.779	168.78	\$19.32	\$3,261	315						\$ 3,261	\$ 1,816	\$ 1,445
6/20/2020	9	531.654	221.65	\$21.77	\$4,825	310						\$ 4,825	\$ 2,046	\$ 2,779
6/20/2020	10	569.612	223.61	\$23.55	\$5,266	346						\$ 5,266	\$ 2,214	\$ 3,052
6/20/2020	11	599.744	159.74	\$22.48	\$3,591	440						\$ 3,591	\$ 2,113	\$ 1,478
6/20/2020	12	616.315	57.32	\$23.60	\$1,353	559						\$ 1,353	\$ 1,353	\$ -
6/20/2020	13	618.202	35.2	\$24.78	\$872	583						\$ 872	\$ 872	\$ -
6/20/2020	14	623.117	18.12	\$26.80	\$486	605						\$ 486	\$ 486	\$ -
6/20/2020	15	635.907	32.91	\$30.49	\$1,003	603						\$ 1,003	\$ 1,003	\$ -

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
6/20/2020	16	641.795	37.8	\$30.77	\$1,163	604							\$ 1,163	\$ 1,163	\$ -
6/20/2020	17	639.831	34.83	\$25.52	\$889	605							\$ 889	\$ 889	\$ -
6/20/2020	18	627.067	22.07	\$22.70	\$501	605							\$ 501	\$ 501	\$ -
6/20/2020	19	601.49	2.49	\$21.34	\$53	599							\$ 53	\$ 53	\$ -
6/20/2020	20	579.826		\$0	\$0	589							\$ -	\$ -	\$ -
6/20/2020	21	550.275	0	\$0.00	\$0	558							\$ -	\$ -	\$ -
6/20/2020	22	511.433	54.43	\$17.05	\$928	457							\$ 928	\$ 928	\$ -
6/20/2020	23	475.431	136.43	\$14.36	\$1,959	339							\$ 1,959	\$ 1,350	\$ 609
6/21/2020	0	445.412	136.41	\$13.59	\$1,854	309							\$ 1,854	\$ 1,277	\$ 576
6/21/2020	1	420.828	112.83	\$12.67	\$1,430	308							\$ 1,430	\$ 1,191	\$ 239
6/21/2020	2	403.907	97.91	\$11.51	\$1,127	306							\$ 1,127	\$ 1,082	\$ 45
6/21/2020	3	391.034	83.03	\$11.08	\$920	308							\$ 920	\$ 920	\$ -
6/21/2020	4	384.187	86.19	\$11.01	\$949	298							\$ 949	\$ 949	\$ -
6/21/2020	5	375.394	68.39	\$9.71	\$664	307							\$ 664	\$ 664	\$ -
6/21/2020	6	394.038	87.04	\$10.71	\$932	307							\$ 932	\$ 932	\$ -
6/21/2020	7	435.467	126.47	\$13.36	\$1,690	309							\$ 1,690	\$ 1,256	\$ 434
6/21/2020	8	484.73	176.73	\$16.22	\$2,867	308							\$ 2,867	\$ 1,525	\$ 1,342
6/21/2020	9	532.473	139.47	\$20.04	\$2,795	393							\$ 2,795	\$ 1,884	\$ 911
6/21/2020	10	569.296	60.3	\$21.13	\$1,274	509							\$ 1,274	\$ 1,274	\$ -
6/21/2020	11	601.201	20.2	\$21.21	\$428	581							\$ 428	\$ 428	\$ -
6/21/2020	12	620.811	15.81	\$22.11	\$350	605							\$ 350	\$ 350	\$ -
6/21/2020	13	615.734	13.73	\$22.85	\$314	602							\$ 314	\$ 314	\$ -
6/21/2020	14	554.562	0	\$0.00	\$0	606							\$ -	\$ -	\$ -
6/21/2020	15	541.88	0	\$0.00	\$0	605							\$ -	\$ -	\$ -
6/21/2020	16	545.942	0	\$0.00	\$0	604							\$ -	\$ -	\$ -
6/21/2020	17	530.187	0	\$0.00	\$0	588							\$ -	\$ -	\$ -
6/21/2020	18	512.541	0	\$0.00	\$0	603							\$ -	\$ -	\$ -
6/21/2020	19	505.71	0	\$0.00	\$0	599							\$ -	\$ -	\$ -
6/21/2020	20	499.778		\$0	\$0	580							\$ -	\$ -	\$ -
6/21/2020	21	472.155	0	\$0.00	\$0	520							\$ -	\$ -	\$ -
6/21/2020	22	444.752	19.75	\$16.47	\$325	425							\$ 325	\$ 325	\$ -
6/21/2020	23	425.743	95.74	\$14.94	\$1,430	330							\$ 1,430	\$ 1,404	\$ 26
6/22/2020	0	408.589	99.59	\$13.63	\$1,357	309							\$ 1,357	\$ 1,281	\$ 76
6/22/2020	1	395.742	88.74	\$12.88	\$1,143	307							\$ 1,143	\$ 1,143	\$ -
6/22/2020	2	388.756	80.76	\$11.97	\$967	308							\$ 967	\$ 967	\$ -
6/22/2020	3	389.737	81.74	\$11.86	\$969	308							\$ 969	\$ 969	\$ -
6/22/2020	4	406.607	98.61	\$12.95	\$1,277	308							\$ 1,277	\$ 1,217	\$ 60
6/22/2020	5	438.287	131.29	\$13.26	\$1,741	307							\$ 1,741	\$ 1,246	\$ 494
6/22/2020	6	460.906	153.91	\$15.42	\$2,373	307							\$ 2,373	\$ 1,449	\$ 924
6/22/2020	7	495.265	188.27	\$18.51	\$3,485	307							\$ 3,485	\$ 1,740	\$ 1,745
6/22/2020	8	523.578	193.58	\$20.72	\$4,011	330							\$ 4,011	\$ 1,948	\$ 2,063
6/22/2020	9	555.467	132.47	\$21.83	\$2,892	423							\$ 2,892	\$ 2,052	\$ 840
6/22/2020	10	581.583	52.58	\$23.60	\$1,241	529							\$ 1,241	\$ 1,241	\$ -
6/22/2020	11	611.026	10.03	\$26.44	\$265	601							\$ 265	\$ 265	\$ -
6/22/2020	12	636.617	32.62	\$28.97	\$945	604							\$ 945	\$ 945	\$ -
6/22/2020	13	652.377	48.38	\$29.17	\$1,411	604							\$ 1,411	\$ 1,411	\$ -
6/22/2020	14	663.21	58.21	\$32.75	\$1,906	605							\$ 1,906	\$ 1,906	\$ -
6/22/2020	15	665.374	61.37	\$36.91	\$2,265	604							\$ 2,265	\$ 2,265	\$ -
6/22/2020	16	676.227	71.23	\$37.64	\$2,681	605							\$ 2,681	\$ 2,681	\$ -
6/22/2020	17	672.229	68.23	\$29.75	\$2,030	604							\$ 2,030	\$ 2,030	\$ -
6/22/2020	18	656.481	52.48	\$24.84	\$1,304	604							\$ 1,304	\$ 1,304	\$ -
6/22/2020	19	633.944	31.94	\$22.92	\$732	602							\$ 732	\$ 732	\$ -
6/22/2020	20	620.107	16.11	\$21.46	\$346	604							\$ 346	\$ 346	\$ -
6/22/2020	21	585.806		\$0	\$0	592							\$ -	\$ -	\$ -
6/22/2020	22	542.059	33.06	\$18.49	\$611	509							\$ 611	\$ 611	\$ -
6/22/2020	23	500.206	111.21	\$14.94	\$1,661	389							\$ 1,661	\$ 1,404	\$ 257

**Hourly Purchase Energy Expense Detail - 2019 & 2020**

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)				
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6			
6/23/2020	0	466.898	156.9	\$12.68	\$1,989	310							\$	1,989	\$	1,192	\$	798
6/23/2020	1	442.291	133.29	\$11.94	\$1,591	309							\$	1,591	\$	1,122	\$	469
6/23/2020	2	431.473	132.47	\$11.42	\$1,513	299							\$	1,513	\$	1,073	\$	439
6/23/2020	3	431.558	123.56	\$11.33	\$1,400	308							\$	1,400	\$	1,065	\$	335
6/23/2020	4	444.255	137.26	\$11.62	\$1,595	307							\$	1,595	\$	1,092	\$	503
6/23/2020	5	465.982	156.98	\$12.21	\$1,917	309							\$	1,917	\$	1,148	\$	769
6/23/2020	6	488.495	198.5	\$13.92	\$2,763	290							\$	2,763	\$	1,308	\$	1,455
6/23/2020	7	508.191	200.19	\$16.84	\$3,371	308							\$	3,371	\$	1,583	\$	1,788
6/23/2020	8	519.823	210.82	\$18.11	\$3,818	309							\$	3,818	\$	1,702	\$	2,116
6/23/2020	9	532.843	172.84	\$19.89	\$3,438	360							\$	3,438	\$	1,870	\$	1,568
6/23/2020	10	557.078	109.08	\$20.59	\$2,246	448							\$	2,246	\$	1,935	\$	310
6/23/2020	11	569.524	100.52	\$23.14	\$2,326	469							\$	2,326	\$	2,175	\$	151
6/23/2020	12	582.399	64.4	\$23.62	\$1,521	518							\$	1,521	\$	1,521	\$	-
6/23/2020	13	594.186	0	\$0.00	\$0	603							\$	-	\$	-	\$	-
6/23/2020	14	603.07	0	\$0.00	\$0	604							\$	-	\$	-	\$	-
6/23/2020	15	609.014	5.01	\$26.86	\$135	604							\$	135	\$	135	\$	-
6/23/2020	16	603.044	4.04	\$27.22	\$110	599							\$	110	\$	110	\$	-
6/23/2020	17	587.374	0	\$0.00	\$0	604							\$	-	\$	-	\$	-
6/23/2020	18	569.813			\$0	603							\$	-	\$	-	\$	-
6/23/2020	19	546.18			\$0	601							\$	-	\$	-	\$	-
6/23/2020	20	531.513			\$0	569							\$	-	\$	-	\$	-
6/23/2020	21	500.118			\$0	532							\$	-	\$	-	\$	-
6/23/2020	22	456.235	1.24	\$17.35	\$22	455							\$	22	\$	22	\$	-
6/23/2020	23	423.898	35.9	\$15.08	\$541	388							\$	541	\$	541	\$	-
6/24/2020	0	399.459	83.46	\$14.09	\$1,176	316							\$	1,176	\$	1,176	\$	-
6/24/2020	1	381.799	73.8	\$12.77	\$942	308							\$	942	\$	942	\$	-
6/24/2020	2	372.914	65.91	\$11.81	\$778	307							\$	778	\$	778	\$	-
6/24/2020	3	373.935	74.94	\$11.72	\$878	299							\$	878	\$	878	\$	-
6/24/2020	4	387.795	80.8	\$12.61	\$1,019	307							\$	1,019	\$	1,019	\$	-
6/24/2020	5	409.61	102.61	\$13.58	\$1,393	307							\$	1,393	\$	1,277	\$	117
6/24/2020	6	433.204	125.2	\$14.90	\$1,865	308							\$	1,865	\$	1,401	\$	465
6/24/2020	7	472.7	166.7	\$15.98	\$2,664	306							\$	2,664	\$	1,502	\$	1,162
6/24/2020	8	503.071	164.07	\$17.67	\$2,899	339							\$	2,899	\$	1,661	\$	1,238
6/24/2020	9	529.448	132.45	\$18.65	\$2,470	397							\$	2,470	\$	1,753	\$	717
6/24/2020	10	548.638	92.64	\$19.80	\$1,834	456							\$	1,834	\$	1,834	\$	-
6/24/2020	11	567.036	109.04	\$20.13	\$2,195	458							\$	2,195	\$	1,892	\$	303
6/24/2020	12	579.99	154.99	\$20.47	\$3,173	425							\$	3,173	\$	1,924	\$	1,248
6/24/2020	13	590.664	66.66	\$21.43	\$1,429	524							\$	1,429	\$	1,429	\$	-
6/24/2020	14	604.218	13.22	\$21.44	\$283	591							\$	283	\$	283	\$	-
6/24/2020	15	606.17	1.17	\$22.72	\$27	605							\$	27	\$	27	\$	-
6/24/2020	16	602.237	0	\$0.00	\$0	606							\$	-	\$	-	\$	-
6/24/2020	17	594.453			\$0	608							\$	-	\$	-	\$	-
6/24/2020	18	578.738			\$0	606							\$	-	\$	-	\$	-
6/24/2020	19	556.047			\$0	586							\$	-	\$	-	\$	-
6/24/2020	20	539.296			\$0	596							\$	-	\$	-	\$	-
6/24/2020	21	509.84	0	\$0.00	\$0	584							\$	-	\$	-	\$	-
6/24/2020	22	465.802	0	\$0.00	\$0	537							\$	-	\$	-	\$	-
6/24/2020	23	431.912	0	\$0.00	\$0	446							\$	-	\$	-	\$	-
6/25/2020	0	405.664	61.66	\$13.29	\$819	344							\$	819	\$	819	\$	-
6/25/2020	1	387.998	82	\$11.78	\$966	306							\$	966	\$	966	\$	-
6/25/2020	2	378.058	71.06	\$11.17	\$794	307							\$	794	\$	794	\$	-
6/25/2020	3	376.038	68.04	\$11.25	\$765	308							\$	765	\$	765	\$	-
6/25/2020	4	383.969	76.97	\$12.18	\$937	307							\$	937	\$	937	\$	-
6/25/2020	5	399.76	90.76	\$13.45	\$1,221	309							\$	1,221	\$	1,221	\$	-
6/25/2020	6	433.347	126.35	\$14.84	\$1,875	307							\$	1,875	\$	1,395	\$	480
6/25/2020	7	468.538	134.54	\$16.31	\$2,194	334							\$	2,194	\$	1,533	\$	661



Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Demand (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)			
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6		
6/25/2020	8	502.554	61.55	\$17.72	\$1,091	441						\$	1,091	\$	1,091	\$	-
6/25/2020	9	534.585	0	\$0.00	\$0	564						\$	-	\$	-	\$	-
6/25/2020	10	560.157			\$0	603						\$	-	\$	-	\$	-
6/25/2020	11	578.741			\$0	603						\$	-	\$	-	\$	-
6/25/2020	12	594.567			\$0	605						\$	-	\$	-	\$	-
6/25/2020	13	612.455	8.46	\$22.20	\$188	604						\$	188	\$	188	\$	-
6/25/2020	14	624.268	22.27	\$22.53	\$502	602						\$	502	\$	502	\$	-
6/25/2020	15	634.119	29.12	\$24.33	\$708	605						\$	708	\$	708	\$	-
6/25/2020	16	633.042	46.04	\$24.90	\$1,146	587						\$	1,146	\$	1,146	\$	-
6/25/2020	17	637.116	32.12	\$23.05	\$740	605						\$	740	\$	740	\$	-
6/25/2020	18	622.403	19.4	\$21.91	\$425	603						\$	425	\$	425	\$	-
6/25/2020	19	596.828			\$0	605						\$	-	\$	-	\$	-
6/25/2020	20	574.044			\$0	604						\$	-	\$	-	\$	-
6/25/2020	21	541.69	0	\$0.00	\$0	588						\$	-	\$	-	\$	-
6/25/2020	22	496.968	18.97	\$16.66	\$316	478						\$	316	\$	316	\$	-
6/25/2020	23	461.037	88.04	\$14.44	\$1,271	373						\$	1,271	\$	1,271	\$	-
6/26/2020	0	432.732	124.73	\$12.96	\$1,617	308						\$	1,617	\$	1,218	\$	398
6/26/2020	1	410.967	102.97	\$11.90	\$1,225	308						\$	1,225	\$	1,119	\$	107
6/26/2020	2	400.072	92.07	\$10.81	\$995	308						\$	995	\$	995	\$	-
6/26/2020	3	395.181	88.18	\$10.57	\$932	307						\$	932	\$	932	\$	-
6/26/2020	4	406.045	98.05	\$11.08	\$1,086	308						\$	1,086	\$	1,042	\$	45
6/26/2020	5	422.763	114.76	\$12.07	\$1,385	308						\$	1,385	\$	1,135	\$	251
6/26/2020	6	449.391	142.39	\$14.24	\$2,028	307						\$	2,028	\$	1,339	\$	689
6/26/2020	7	491.817	184.82	\$15.88	\$2,935	307						\$	2,935	\$	1,493	\$	1,442
6/26/2020	8	536.057	215.06	\$18.53	\$3,985	321						\$	3,985	\$	1,742	\$	2,243
6/26/2020	9	570.292	151.29	\$18.88	\$2,856	419						\$	2,856	\$	1,775	\$	1,082
6/26/2020	10	606.29	168.29	\$20.09	\$3,381	438						\$	3,381	\$	1,888	\$	1,492
6/26/2020	11	631.305	119.31	\$21.80	\$2,601	512						\$	2,601	\$	2,049	\$	552
6/26/2020	12	646.876	66.88	\$24.18	\$1,617	580						\$	1,617	\$	1,617	\$	-
6/26/2020	13	642.955	42.96	\$25.41	\$1,092	600						\$	1,092	\$	1,092	\$	-
6/26/2020	14	605.471	15.47	\$28.44	\$440	590						\$	440	\$	440	\$	-
6/26/2020	15	603.567	1.57	\$34.11	\$54	602						\$	54	\$	54	\$	-
6/26/2020	16	618.358	15.36	\$34.44	\$529	603						\$	529	\$	529	\$	-
6/26/2020	17	627.294	26.29	\$27.36	\$719	601						\$	719	\$	719	\$	-
6/26/2020	18	626.439	8.44	\$24.03	\$203	618						\$	203	\$	203	\$	-
6/26/2020	19	602.79	35.79	\$21.39	\$766	567						\$	766	\$	766	\$	-
6/26/2020	20	586.921	18.92	\$20.05	\$379	568						\$	379	\$	379	\$	-
6/26/2020	21	562.266	0	\$0.00	\$0	565						\$	-	\$	-	\$	-
6/26/2020	22	524.287	24.29	\$17.10	\$415	500						\$	415	\$	415	\$	-
6/26/2020	23	487.42	71.42	\$14.32	\$1,023	416						\$	1,023	\$	1,023	\$	-
6/27/2020	0	461.135	121.14	\$13.05	\$1,581	340						\$	1,581	\$	1,227	\$	354
6/27/2020	1	441.596	132.6	\$11.61	\$1,539	309						\$	1,539	\$	1,091	\$	448
6/27/2020	2	428.844	119.84	\$10.38	\$1,244	309						\$	1,244	\$	976	\$	268
6/27/2020	3	420.944	113.94	\$10.30	\$1,174	307						\$	1,174	\$	968	\$	205
6/27/2020	4	423.912	115.91	\$10.15	\$1,176	308						\$	1,176	\$	954	\$	222
6/27/2020	5	428.796	121.8	\$10.08	\$1,228	307						\$	1,228	\$	948	\$	280
6/27/2020	6	438.614	131.61	\$10.86	\$1,429	307						\$	1,429	\$	1,021	\$	408
6/27/2020	7	464.309	156.31	\$13.37	\$2,090	308						\$	2,090	\$	1,257	\$	833
6/27/2020	8	485.935	173.94	\$16.31	\$2,837	312						\$	2,837	\$	1,533	\$	1,304
6/27/2020	9	504.533	177.53	\$18.30	\$3,249	327						\$	3,249	\$	1,720	\$	1,529
6/27/2020	10	522.84	124.84	\$19.77	\$2,468	398						\$	2,468	\$	1,858	\$	610
6/27/2020	11	546.103	98.1	\$21.17	\$2,077	448						\$	2,077	\$	1,990	\$	87
6/27/2020	12	546.802			\$0	566						\$	-	\$	-	\$	-
6/27/2020	13	560.494			\$0	596						\$	-	\$	-	\$	-
6/27/2020	14	575.22			\$0	601						\$	-	\$	-	\$	-
6/27/2020	15	568.295			\$0	600						\$	-	\$	-	\$	-

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Demand (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)				
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6			
6/27/2020	16	558.471			\$0	603						\$	-	\$	-	\$	-	
6/27/2020	17	544.632			\$0	600						\$	-	\$	-	\$	-	
6/27/2020	18	528.864			\$0	600						\$	-	\$	-	\$	-	
6/27/2020	19	518.136			\$0	600						\$	-	\$	-	\$	-	
6/27/2020	20	514.175			\$0	597						\$	-	\$	-	\$	-	
6/27/2020	21	500.392	0	\$0.00	\$0	602						\$	-	\$	-	\$	-	
6/27/2020	22	462.962	0	\$0.00	\$0	584						\$	-	\$	-	\$	-	
6/27/2020	23	432.793	0	\$0.00	\$0	502						\$	-	\$	-	\$	-	
6/28/2020	0	408.682	2.68	\$14.58	\$39	406						\$	39	\$	39	\$	-	
6/28/2020	1	391.186	74.19	\$12.88	\$956	317						\$	956	\$	956	\$	-	
6/28/2020	2	379.27	71.27	\$11.70	\$834	308						\$	834	\$	834	\$	-	
6/28/2020	3	372.326	64.33	\$11.35	\$730	308						\$	730	\$	730	\$	-	
6/28/2020	4	369.381	62.38	\$11.02	\$687	307						\$	687	\$	687	\$	-	
6/28/2020	5	370.352	71.35	\$10.31	\$736	299						\$	736	\$	736	\$	-	
6/28/2020	6	376.243	69.24	\$11.35	\$786	307						\$	786	\$	786	\$	-	
6/28/2020	7	392.025	85.03	\$13.08	\$1,112	307						\$	1,112	\$	1,112	\$	-	
6/28/2020	8	411.691	102.69	\$15.94	\$1,637	309						\$	1,637	\$	1,498	\$	139	
6/28/2020	9	436.075	50.08	\$17.50	\$876	386						\$	876	\$	876	\$	-	
6/28/2020	10	459.162	6.16	\$19.24	\$119	453						\$	119	\$	119	\$	-	
6/28/2020	11	479.455			\$0	554						\$	-	\$	-	\$	-	
6/28/2020	12	503.942			\$0	602						\$	-	\$	-	\$	-	
6/28/2020	13	522.537			\$0	602						\$	-	\$	-	\$	-	
6/28/2020	14	542.22			\$0	602						\$	-	\$	-	\$	-	
6/28/2020	15	568.813			\$0	603						\$	-	\$	-	\$	-	
6/28/2020	16	585.601			\$0	603						\$	-	\$	-	\$	-	
6/28/2020	17	584.637			\$0	601						\$	-	\$	-	\$	-	
6/28/2020	18	576.755			\$0	602						\$	-	\$	-	\$	-	
6/28/2020	19	559.201			\$0	601						\$	-	\$	-	\$	-	
6/28/2020	20	549.486			\$0	600						\$	-	\$	-	\$	-	
6/28/2020	21	528.921	0	\$0.00	\$0	560						\$	-	\$	-	\$	-	
6/28/2020	22	492.735	6.74	\$16.87	\$114	486						\$	114	\$	114	\$	-	
6/28/2020	23	461.76	68.76	\$14.75	\$1,014	393						\$	1,014	\$	1,014	\$	-	
6/29/2020	0	435.508	124.51	\$13.05	\$1,625	311						\$	1,625	\$	1,227	\$	398	
6/29/2020	1	420.706	112.71	\$11.96	\$1,348	308						\$	1,348	\$	1,124	\$	224	
6/29/2020	2	410.819	100.82	\$10.84	\$1,093	310						\$	1,093	\$	1,019	\$	74	
6/29/2020	3	410.788	101.79	\$10.96	\$1,116	309						\$	1,116	\$	1,030	\$	85	
6/29/2020	4	427.605	118.61	\$11.87	\$1,408	309						\$	1,408	\$	1,116	\$	292	
6/29/2020	5	457.328	147.33	\$12.85	\$1,893	310						\$	1,893	\$	1,208	\$	685	
6/29/2020	6	486.831	175.83	\$15.28	\$2,687	311						\$	2,687	\$	1,436	\$	1,250	
6/29/2020	7	514.135	143.14	\$17.20	\$2,462	371						\$	2,462	\$	1,617	\$	845	
6/29/2020	8	541.92	52.92	\$18.87	\$999	489						\$	999	\$	999	\$	-	
6/29/2020	9	575.049			\$0	584						\$	-	\$	-	\$	-	
6/29/2020	10	612.487	0	\$0.00	\$0	600	1	3	3	2	2	3	\$	-	\$	-	\$	-
6/29/2020	11	643.771	0	\$0.00	\$0	601	43	47	45	46	45	45	\$	-	\$	-	\$	-
6/29/2020	12	670.457	0	\$0.00	\$0	600	32	36	41	35	34	35	\$	-	\$	-	\$	-
6/29/2020	13	695.729	0	\$0.00	\$0	583	68	70	70	71	70	69	\$	-	\$	-	\$	-
6/29/2020	14	711.705	0	\$0.00	\$0	601	28	30	27	28	28	29	\$	-	\$	-	\$	-
6/29/2020	15	707.649	89.65	\$44.15	\$3,958	601	2	3	3	3	3	3	\$	3,958	\$	3,958	\$	-
6/29/2020	16	700.622	98.62	\$44.62	\$4,400	602							\$	4,400	\$	4,194	\$	206
6/29/2020	17	695.709	94.71	\$32.80	\$3,106	601							\$	3,106	\$	3,083	\$	23
6/29/2020	18	681.969	79.97	\$28.49	\$2,278	602							\$	2,278	\$	2,278	\$	-
6/29/2020	19	664.484	61.48	\$24.45	\$1,503	603							\$	1,503	\$	1,503	\$	-
6/29/2020	20	651.843	50.84	\$22.07	\$1,122	601							\$	1,122	\$	1,122	\$	-
6/29/2020	21	622.348	21.35	\$19.54	\$417	601							\$	417	\$	417	\$	-
6/29/2020	22	580.033	2.03	\$18.43	\$37	578							\$	37	\$	37	\$	-
6/29/2020	23	543.448	72.45	\$15.30	\$1,108	471							\$	1,108	\$	1,108	\$	-

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)	
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6
6/30/2020	0	511.556	148.56	\$14.75	\$2,191	363							\$ 2,191	\$ 1,387	\$ 805
6/30/2020	1	480.16	174.16	\$13.32	\$2,320	306							\$ 2,320	\$ 1,252	\$ 1,068
6/30/2020	2	460.387	151.39	\$11.97	\$1,812	309							\$ 1,812	\$ 1,125	\$ 687
6/30/2020	3	452.491	145.49	\$11.84	\$1,723	307							\$ 1,723	\$ 1,113	\$ 610
6/30/2020	4	459.387	151.39	\$12.92	\$1,956	308							\$ 1,956	\$ 1,214	\$ 741
6/30/2020	5	483.067	197.07	\$14.72	\$2,901	286							\$ 2,901	\$ 1,384	\$ 1,517
6/30/2020	6	496.674	188.67	\$15.85	\$2,990	308							\$ 2,990	\$ 1,490	\$ 1,501
6/30/2020	7	533.545	137.55	\$18.45	\$2,538	396							\$ 2,538	\$ 1,734	\$ 803
6/30/2020	8	560.338	55.34	\$19.84	\$1,098	505							\$ 1,098	\$ 1,098	\$ -
6/30/2020	9	598.572			\$0	599							\$ -	\$ -	\$ -
6/30/2020	10	628.127	36.13	\$23.36	\$844	592							\$ 844	\$ 844	\$ -
6/30/2020	11	659.633	58.63	\$24.57	\$1,441	601							\$ 1,441	\$ 1,441	\$ -
6/30/2020	12	685.274	81.27	\$26.82	\$2,180	604							\$ 2,180	\$ 2,180	\$ -
6/30/2020	13	692.225	90.23	\$29.14	\$2,629	602							\$ 2,629	\$ 2,629	\$ -
6/30/2020	14	686.369	86.37	\$30.78	\$2,658	600							\$ 2,658	\$ 2,658	\$ -
6/30/2020	15	641.928	37.93	\$37.12	\$1,408	604							\$ 1,408	\$ 1,408	\$ -
6/30/2020	16	613.321	13.32	\$37.55	\$500	600							\$ 500	\$ 500	\$ -
6/30/2020	17	623.239	22.24	\$27.23	\$606	601							\$ 606	\$ 606	\$ -
6/30/2020	18	617.366	15.37	\$24.25	\$373	602							\$ 373	\$ 373	\$ -
6/30/2020	19	599.733	0	\$0.00	\$0	604							\$ -	\$ -	\$ -
6/30/2020	20	590.923	0	\$0.00	\$0	603							\$ -	\$ -	\$ -
6/30/2020	21	561.292			\$0	600							\$ -	\$ -	\$ -
6/30/2020	22	516.239	5.24	\$17.88	\$94	511							\$ 94	\$ 94	\$ -
6/30/2020	23	479.119	56.12	\$16.48	\$925	423							\$ 925	\$ 925	\$ -
7/1/2020	0	449.954	120.95	\$15.47	\$1,871	329							\$ 1,871	\$ 1,454	\$ 417
7/1/2020	1	429.473	123.47	\$14.80	\$1,827	306							\$ 1,827	\$ 1,391	\$ 436
7/1/2020	2	418.746	109.75	\$13.66	\$1,499	309							\$ 1,499	\$ 1,284	\$ 215
7/1/2020	3	416.827	108.83	\$13.60	\$1,480	308							\$ 1,480	\$ 1,278	\$ 202
7/1/2020	4	427.708	120.71	\$14.55	\$1,756	307							\$ 1,756	\$ 1,368	\$ 389
7/1/2020	5	449.287	118.29	\$15.54	\$1,838	331							\$ 1,838	\$ 1,461	\$ 377
7/1/2020	6	485.491	84.49	\$17.50	\$1,479	401							\$ 1,479	\$ 1,479	\$ -
7/1/2020	7	530.352	54.35	\$19.29	\$1,048	476							\$ 1,048	\$ 1,048	\$ -
7/1/2020	8	572.28	14.28	\$20.78	\$297	558							\$ 297	\$ 297	\$ -
7/1/2020	9	615.345	20.35	\$22.63	\$461	595							\$ 461	\$ 461	\$ -
7/1/2020	10	648.858	126.86	\$25.46	\$3,230	522							\$ 3,230	\$ 2,393	\$ 837
7/1/2020	11	677.406	159.41	\$28.27	\$4,507	518							\$ 4,507	\$ 2,657	\$ 1,849
7/1/2020	12	695.997	94	\$29.52	\$2,775	599							\$ 2,775	\$ 2,775	\$ -
7/1/2020	13	710.695	24.7	\$32.07	\$792	601							\$ 792	\$ 792	\$ -
7/1/2020	14	722.322	39.32	\$32.61	\$1,282	602	21	21					\$ 1,282	\$ 1,282	\$ -
7/1/2020	15	731.07	0	\$0.00	\$0	600	33	34					\$ -	\$ -	\$ -
7/1/2020	16	742.993	0	\$0.00	\$0	600	57	59					\$ -	\$ -	\$ -
7/1/2020	17	730.336	67.34	\$31.67	\$2,133	585	20	20					\$ 2,133	\$ 2,133	\$ -
7/1/2020	18	708.852	107.85	\$28.10	\$3,031	601							\$ 3,031	\$ 2,641	\$ 389
7/1/2020	19	681.549	81.55	\$25.03	\$2,041	600							\$ 2,041	\$ 2,041	\$ -
7/1/2020	20	668.762	68.76	\$22.90	\$1,575	600							\$ 1,575	\$ 1,575	\$ -
7/1/2020	21	628.388	27.39	\$20.59	\$564	601							\$ 564	\$ 564	\$ -
7/1/2020	22	577.392	34.39	\$18.54	\$638	543							\$ 638	\$ 638	\$ -
7/1/2020	23	534.655	81.66	\$16.18	\$1,321	453							\$ 1,321	\$ 1,321	\$ -
7/2/2020	0	501.628	156.63	\$14.78	\$2,315	345							\$ 2,315	\$ 1,389	\$ 926
7/2/2020	1	472.132	163.13	\$14.45	\$2,357	309							\$ 2,357	\$ 1,358	\$ 999
7/2/2020	2	455.438	148.44	\$13.29	\$1,973	307							\$ 1,973	\$ 1,249	\$ 724
7/2/2020	3	446.527	138.53	\$13.21	\$1,830	308							\$ 1,830	\$ 1,242	\$ 588
7/2/2020	4	450.419	142.42	\$14.00	\$1,994	308							\$ 1,994	\$ 1,316	\$ 678
7/2/2020	5	463.27	155.27	\$14.61	\$2,268	308							\$ 2,268	\$ 1,373	\$ 895
7/2/2020	6	499.744	191.74	\$17.04	\$3,267	308							\$ 3,267	\$ 1,602	\$ 1,665
7/2/2020	7	544.98	223.98	\$19.17	\$4,294	321							\$ 4,294	\$ 1,802	\$ 2,492

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)	
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6
7/2/2020	8	583.214	261.21	\$20.95	\$5,472	322							\$ 5,472	\$ 1,969	\$ 3,503
7/2/2020	9	619.088	248.09	\$22.96	\$5,696	371							\$ 5,696	\$ 2,158	\$ 3,538
7/2/2020	10	650.158	224.16	\$24.67	\$5,530	426							\$ 5,530	\$ 2,319	\$ 3,211
7/2/2020	11	675.418	148.42	\$27.04	\$4,013	527							\$ 4,013	\$ 2,542	\$ 1,472
7/2/2020	12	693.961	73.96	\$28.39	\$2,100	600	3	5	4	3	2	3	\$ 2,100	\$ 2,100	\$ -
7/2/2020	13	698.776	0	\$0.00	\$0	588	23	24	22	23	24	24	\$ -	\$ -	\$ -
7/2/2020	14	703.597	66.6	\$37.33	\$2,486	601	5	7	6	5	6	7	\$ 2,486	\$ 2,486	\$ -
7/2/2020	15	710.372	107.37	\$46.03	\$4,942	603							\$ 4,942	\$ 4,327	\$ 615
7/2/2020	16	715.094	112.09	\$48.00	\$5,380	603							\$ 5,380	\$ 4,512	\$ 868
7/2/2020	17	706.196	104.2	\$33.81	\$3,523	602							\$ 3,523	\$ 3,178	\$ 345
7/2/2020	18	688.742	83.74	\$29.09	\$2,436	605							\$ 2,436	\$ 2,436	\$ -
7/2/2020	19	657.562	54.56	\$25.83	\$1,409	603							\$ 1,409	\$ 1,409	\$ -
7/2/2020	20	633.054	27.05	\$22.97	\$621	606							\$ 621	\$ 621	\$ -
7/2/2020	21	593.644			\$0	600							\$ -	\$ -	\$ -
7/2/2020	22	544.543			\$0	551							\$ -	\$ -	\$ -
7/2/2020	23	498.535	21.54	\$16.38	\$353	477							\$ 353	\$ 353	\$ -
7/3/2020	0	461.659	89.66	\$14.81	\$1,328	372							\$ 1,328	\$ 1,328	\$ -
7/3/2020	1	433.181	125.18	\$14.01	\$1,754	308							\$ 1,754	\$ 1,317	\$ 437
7/3/2020	2	413.496	105.5	\$12.41	\$1,309	308							\$ 1,309	\$ 1,167	\$ 143
7/3/2020	3	404.663	72.66	\$11.66	\$847	332							\$ 847	\$ 847	\$ -
7/3/2020	4	404.718	71.72	\$11.42	\$819	333							\$ 819	\$ 819	\$ -
7/3/2020	5	403.818	79.82	\$11.06	\$883	324							\$ 883	\$ 883	\$ -
7/3/2020	6	422.386	87.39	\$13.96	\$1,220	335							\$ 1,220	\$ 1,220	\$ -
7/3/2020	7	466.915	134.92	\$16.27	\$2,195	332							\$ 2,195	\$ 1,529	\$ 666
7/3/2020	8	516.976	186.98	\$18.75	\$3,506	330							\$ 3,506	\$ 1,763	\$ 1,743
7/3/2020	9	559.101	245.1	\$20.11	\$4,929	314							\$ 4,929	\$ 1,890	\$ 3,039
7/3/2020	10	594.163	220.16	\$22.33	\$4,916	374							\$ 4,916	\$ 2,099	\$ 2,817
7/3/2020	11	615.353	152.35	\$24.70	\$3,763	463							\$ 3,763	\$ 2,322	\$ 1,441
7/3/2020	12	634.715	55.72	\$25.84	\$1,440	579							\$ 1,440	\$ 1,440	\$ -
7/3/2020	13	647.351	46.35	\$28.34	\$1,314	601							\$ 1,314	\$ 1,314	\$ -
7/3/2020	14	657.071	52.07	\$31.74	\$1,653	605							\$ 1,653	\$ 1,653	\$ -
7/3/2020	15	664.804	63.8	\$38.01	\$2,425	601							\$ 2,425	\$ 2,425	\$ -
7/3/2020	16	666.876	27.88	\$39.05	\$1,089	604	6	7		7	7	8	\$ 1,089	\$ 1,089	\$ -
7/3/2020	17	650.249	20.25	\$30.95	\$627	603	5	7		6	5	4	\$ 627	\$ 627	\$ -
7/3/2020	18	631.672	19.67	\$26.64	\$524	604	1	2		1	2	2	\$ 524	\$ 524	\$ -
7/3/2020	19	610.22	7.22	\$23.33	\$168	603							\$ 168	\$ 168	\$ -
7/3/2020	20	590.557			\$0	599							\$ -	\$ -	\$ -
7/3/2020	21	556.978			\$0	597							\$ -	\$ -	\$ -
7/3/2020	22	520.565	0	\$0.00	\$0	583							\$ -	\$ -	\$ -
7/3/2020	23	483.252	0	\$0.00	\$0	502							\$ -	\$ -	\$ -
7/4/2020	0	451.359	31.36	\$14.83	\$465	420							\$ 465	\$ 465	\$ -
7/4/2020	1	425.986	82.99	\$13.87	\$1,151	343							\$ 1,151	\$ 1,151	\$ -
7/4/2020	2	407.494	96.49	\$12.60	\$1,216	311							\$ 1,216	\$ 1,184	\$ 31
7/4/2020	3	393.788	84.79	\$11.93	\$1,012	309							\$ 1,012	\$ 1,012	\$ -
7/4/2020	4	386.887	77.89	\$11.29	\$879	309							\$ 879	\$ 879	\$ -
7/4/2020	5	379	70	\$10.72	\$750	309							\$ 750	\$ 750	\$ -
7/4/2020	6	394.895	86.9	\$12.77	\$1,110	308							\$ 1,110	\$ 1,110	\$ -
7/4/2020	7	438.268	119.27	\$14.57	\$1,738	319							\$ 1,738	\$ 1,370	\$ 368
7/4/2020	8	495.218	116.22	\$19.48	\$2,264	379							\$ 2,264	\$ 1,831	\$ 433
7/4/2020	9	548.055	87.06	\$19.61	\$1,707	461							\$ 1,707	\$ 1,707	\$ -
7/4/2020	10	590.925	20.93	\$21.64	\$453	570							\$ 453	\$ 453	\$ -
7/4/2020	11	621.872	19.87	\$22.77	\$452	602							\$ 452	\$ 452	\$ -
7/4/2020	12	640.546	38.55	\$23.89	\$921	602							\$ 921	\$ 921	\$ -
7/4/2020	13	653.312	51.31	\$25.89	\$1,328	602							\$ 1,328	\$ 1,328	\$ -
7/4/2020	14	660.209	55.21	\$27.01	\$1,491	605							\$ 1,491	\$ 1,491	\$ -
7/4/2020	15	667.027	65.03	\$31.65	\$2,058	602							\$ 2,058	\$ 2,058	\$ -

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)			
							East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6		
7/4/2020	16	669.944	67.94	\$32.30	\$2,194	602							\$	2,194	\$	2,194	\$	-
7/4/2020	17	658.28	59.28	\$25.68	\$1,522	599							\$	1,522	\$	1,522	\$	-
7/4/2020	18	640.892	91.89	\$24.03	\$2,208	549							\$	2,208	\$	2,208	\$	-
7/4/2020	19	606.582	96.58	\$21.40	\$2,067	510							\$	2,067	\$	2,012	\$	55
7/4/2020	20	583.272	167.27	\$20.06	\$3,355	416							\$	3,355	\$	1,886	\$	1,470
7/4/2020	21	555.836	204.84	\$19.24	\$3,941	351							\$	3,941	\$	1,809	\$	2,133
7/4/2020	22	529.406	220.41	\$17.48	\$3,853	309							\$	3,853	\$	1,643	\$	2,210
7/4/2020	23	496.003	188	\$15.82	\$2,974	308							\$	2,974	\$	1,487	\$	1,487
7/5/2020	0	462.827	152.83	\$13.40	\$2,048	310							\$	2,048	\$	1,260	\$	788
7/5/2020	1	436.375	127.38	\$12.67	\$1,614	309							\$	1,614	\$	1,191	\$	423
7/5/2020	2	415.609	107.61	\$12.03	\$1,295	308							\$	1,295	\$	1,131	\$	164
7/5/2020	3	399.861	90.86	\$11.71	\$1,064	309							\$	1,064	\$	1,064	\$	-
7/5/2020	4	391.068	92.07	\$10.90	\$1,004	299							\$	1,004	\$	1,004	\$	-
7/5/2020	5	381.223	73.22	\$10.43	\$764	308							\$	764	\$	764	\$	-
7/5/2020	6	396.024	89.02	\$11.95	\$1,064	307							\$	1,064	\$	1,064	\$	-
7/5/2020	7	440.55	133.55	\$13.79	\$1,842	307							\$	1,842	\$	1,296	\$	545
7/5/2020	8	495.794	178.79	\$17.49	\$3,127	317							\$	3,127	\$	1,644	\$	1,483
7/5/2020	9	553.443	170.44	\$20.33	\$3,465	383							\$	3,465	\$	1,911	\$	1,554
7/5/2020	10	598.276	109.28	\$21.65	\$2,366	489							\$	2,366	\$	2,035	\$	331
7/5/2020	11	632.071	47.07	\$23.74	\$1,117	585							\$	1,117	\$	1,117	\$	-
7/5/2020	12	653.524	52.52	\$26.56	\$1,395	601							\$	1,395	\$	1,395	\$	-
7/5/2020	13	670.152	68.15	\$29.01	\$1,977	602							\$	1,977	\$	1,977	\$	-
7/5/2020	14	685.811	82.81	\$32.21	\$2,667	603							\$	2,667	\$	2,667	\$	-
7/5/2020	15	699.534	96.53	\$38.73	\$3,739	603							\$	3,739	\$	3,641	\$	98
7/5/2020	16	706.421	102.42	\$43.24	\$4,429	604							\$	4,429	\$	4,065	\$	364
7/5/2020	17	703.648	103.65	\$34.21	\$3,546	600							\$	3,546	\$	3,216	\$	330
7/5/2020	18	687.016	83.02	\$27.92	\$2,318	604							\$	2,318	\$	2,318	\$	-
7/5/2020	19	660.618	58.62	\$24.78	\$1,453	602							\$	1,453	\$	1,453	\$	-
7/5/2020	20	641.004	38	\$22.96	\$872	603							\$	872	\$	872	\$	-
7/5/2020	21	611.507	27.51	\$21.19	\$583	584							\$	583	\$	583	\$	-
7/5/2020	22	570.385	0	\$0.00	\$0	613							\$	-	\$	-	\$	-
7/5/2020	23	533.118	0	\$0.00	\$0	571							\$	-	\$	-	\$	-
7/6/2020	0	504.097	0	\$0.00	\$0	513							\$	-	\$	-	\$	-
7/6/2020	1	480.801	59.8	\$13.58	\$812	421							\$	812	\$	812	\$	-
7/6/2020	2	465.216	110.22	\$13.02	\$1,435	355							\$	1,435	\$	1,224	\$	211
7/6/2020	3	462.327	154.33	\$12.61	\$1,946	308							\$	1,946	\$	1,185	\$	761
7/6/2020	4	473.167	164.17	\$13.06	\$2,144	309							\$	2,144	\$	1,228	\$	916
7/6/2020	5	495.851	187.85	\$14.08	\$2,645	308							\$	2,645	\$	1,324	\$	1,321
7/6/2020	6	527.291	211.29	\$16.80	\$3,550	316							\$	3,550	\$	1,579	\$	1,970
7/6/2020	7	558.105	176.11	\$20.07	\$3,535	382							\$	3,535	\$	1,887	\$	1,648
7/6/2020	8	575.053	124.05	\$23.05	\$2,859	451							\$	2,859	\$	2,167	\$	693
7/6/2020	9	568.861	0	\$0.00	\$0	572							\$	-	\$	-	\$	-
7/6/2020	10	600.016	0	\$0.00	\$0	602	24	24	25	27	26	27	\$	-	\$	-	\$	-
7/6/2020	11	646.77	0	\$0.00	\$0	602	69	71	70	71	69	68	\$	-	\$	-	\$	-
7/6/2020	12	683.897	0	\$0.00	\$0	604	71	74	70	73	70	70	\$	-	\$	-	\$	-
7/6/2020	13	722.168	0	\$0.00	\$0	587	72	73	72	74	71	72	\$	-	\$	-	\$	-
7/6/2020	14	741.957	0	\$0.00	\$0	603	73	76	72	73	71	73	\$	-	\$	-	\$	-
7/6/2020	15	749.987	0	\$0.00	\$0	604	35	36	76	77	74	75	\$	-	\$	-	\$	-
7/6/2020	16	720.645	0	\$0.00	\$0	604			75	77	72	74	\$	-	\$	-	\$	-
7/6/2020	17	655.908	0	\$0.00	\$0	604			39	40	39	39	\$	-	\$	-	\$	-
7/6/2020	18	627.549	0	\$0.00	\$0	606			9	4	6	5	\$	-	\$	-	\$	-
7/6/2020	19	603.046	0	\$0.00	\$0	602			45	7	6	7	\$	-	\$	-	\$	-
7/6/2020	20	588.324	0	\$0.00	\$0	603			74				\$	-	\$	-	\$	-
7/6/2020	21	561.799	0	\$0.00	\$0	604			45				\$	-	\$	-	\$	-
7/6/2020	22	523.36	0	\$0.00	\$0	598							\$	-	\$	-	\$	-
7/6/2020	23	488.017	0	\$0.00	\$0	539							\$	-	\$	-	\$	-

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)				
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6			
7/7/2020	0	462.698	34.7	\$16.57	\$575	428							\$	575	\$	575	\$	-
7/7/2020	1	441.628	68.63	\$14.48	\$994	373							\$	994	\$	994	\$	-
7/7/2020	2	431.26	103.26	\$14.06	\$1,452	328							\$	1,452	\$	1,322	\$	130
7/7/2020	3	429.551	118.55	\$13.78	\$1,634	311							\$	1,634	\$	1,295	\$	338
7/7/2020	4	439.267	128.27	\$13.97	\$1,792	311							\$	1,792	\$	1,313	\$	479
7/7/2020	5	458.654	144.65	\$14.76	\$2,135	314							\$	2,135	\$	1,387	\$	748
7/7/2020	6	495.948	151.95	\$16.50	\$2,507	344							\$	2,507	\$	1,551	\$	956
7/7/2020	7	539.027	128.03	\$20.62	\$2,640	411							\$	2,640	\$	1,938	\$	702
7/7/2020	8	581.797	16.8	\$24.06	\$404	565							\$	404	\$	404	\$	-
7/7/2020	9	615.081	15.08	\$27.49	\$415	600							\$	415	\$	415	\$	-
7/7/2020	10	650.212	0	\$0.00	\$0	601	18	18	18	18	20	23	\$	-	\$	-	\$	-
7/7/2020	11	687.248	0	\$0.00	\$0	602	62	64	62	63	61	60	\$	-	\$	-	\$	-
7/7/2020	12	718.492	0	\$0.00	\$0	607	72	74	72	75	72	72	\$	-	\$	-	\$	-
7/7/2020	13	739.173	0	\$0.00	\$0	604	72	76	74	75	71	73	\$	-	\$	-	\$	-
7/7/2020	14	751.379	0	\$0.00	\$0	604	28	30	35	36	36	36	\$	-	\$	-	\$	-
7/7/2020	15	754.539	121.54	\$47.14	\$5,729	604			8	6	7	8	\$	5,729	\$	4,431	\$	1,298
7/7/2020	16	764.397	159.4	\$44.79	\$7,140	603				1	1		\$	7,140	\$	4,210	\$	2,929
7/7/2020	17	740.73	136.73	\$35.15	\$4,806	604							\$	4,806	\$	3,304	\$	1,502
7/7/2020	18	705.62	102.62	\$30.69	\$3,149	603							\$	3,149	\$	2,885	\$	265
7/7/2020	19	688.091	84.09	\$27.02	\$2,272	604							\$	2,272	\$	2,272	\$	-
7/7/2020	20	674.429	71.43	\$24.17	\$1,726	603							\$	1,726	\$	1,726	\$	-
7/7/2020	21	637.074	34.07	\$22.07	\$752	603							\$	752	\$	752	\$	-
7/7/2020	22	587.866			\$0	604							\$	-	\$	-	\$	-
7/7/2020	23	549.506			\$0	569							\$	-	\$	-	\$	-
7/8/2020	0	520.474	71.47	\$17.98	\$1,285	449							\$	1,285	\$	1,285	\$	-
7/8/2020	1	494.399	159.4	\$16.58	\$2,643	335							\$	2,643	\$	1,559	\$	1,084
7/8/2020	2	477.002	168	\$15.60	\$2,621	309							\$	2,621	\$	1,466	\$	1,154
7/8/2020	3	468.106	158.11	\$15.35	\$2,427	310							\$	2,427	\$	1,443	\$	984
7/8/2020	4	471.985	161.99	\$16.84	\$2,728	310							\$	2,728	\$	1,583	\$	1,145
7/8/2020	5	489.647	180.65	\$18.28	\$3,302	309							\$	3,302	\$	1,718	\$	1,584
7/8/2020	6	527.159	192.16	\$20.71	\$3,980	335							\$	3,980	\$	1,947	\$	2,033
7/8/2020	7	570.217	98.22	\$21.94	\$2,155	472							\$	2,155	\$	2,062	\$	93
7/8/2020	8	612.753	22.75	\$27.05	\$615	590							\$	615	\$	615	\$	-
7/8/2020	9	656.515	54.52	\$28.12	\$1,533	602							\$	1,533	\$	1,533	\$	-
7/8/2020	10	697.767	78.77	\$31.20	\$2,458	603		3		6		7	\$	2,458	\$	2,458	\$	-
7/8/2020	11	733.076	0	\$0.00	\$0	603	43	44	42	45	40	45	\$	-	\$	-	\$	-
7/8/2020	12	731.889	0	\$0.00	\$0	603	54	58	55	75	55	71	\$	-	\$	-	\$	-
7/8/2020	13	748.42	0	\$0.00	\$0	603	70	73	70	75	69	72	\$	-	\$	-	\$	-
7/8/2020	14	752.229	0	\$0.00	\$0	588	70	73	70	73	70	70	\$	-	\$	-	\$	-
7/8/2020	15	760.214	0	\$0.00	\$0	603	71	73	72	73	71	71	\$	-	\$	-	\$	-
7/8/2020	16	775.097	0	\$0.00	\$0	603	56	57	55	56	54	57	\$	-	\$	-	\$	-
7/8/2020	17	770.238	0	\$0.00	\$0	605	53	54	53	52	53	54	\$	-	\$	-	\$	-
7/8/2020	18	747.841	93.84	\$37.90	\$3,557	604	7	9	8	9	9	8	\$	3,557	\$	3,557	\$	-
7/8/2020	19	721.503	119.5	\$30.01	\$3,586	602							\$	3,586	\$	2,821	\$	765
7/8/2020	20	704.082	101.08	\$26.60	\$2,689	603							\$	2,689	\$	2,500	\$	188
7/8/2020	21	663.774	60.77	\$23.05	\$1,401	603							\$	1,401	\$	1,401	\$	-
7/8/2020	22	613.442	19.44	\$21.00	\$408	594							\$	408	\$	408	\$	-
7/8/2020	23	573.241	0	\$0.00	\$0	604							\$	-	\$	-	\$	-
7/9/2020	0	539.894	0	\$0.00	\$0	555							\$	-	\$	-	\$	-
7/9/2020	1	516.723	47.72	\$15.39	\$734	469							\$	734	\$	734	\$	-
7/9/2020	2	499.542	118.54	\$14.85	\$1,760	381							\$	1,760	\$	1,396	\$	364
7/9/2020	3	492.846	181.85	\$14.57	\$2,650	311							\$	2,650	\$	1,370	\$	1,280
7/9/2020	4	498.577	187.58	\$15.80	\$2,964	311							\$	2,964	\$	1,485	\$	1,479
7/9/2020	5	514.173	187.17	\$16.79	\$3,143	327							\$	3,143	\$	1,578	\$	1,564
7/9/2020	6	543.454	193.45	\$19.15	\$3,705	350							\$	3,705	\$	1,800	\$	1,904
7/9/2020	7	593.322	168.32	\$21.69	\$3,651	425							\$	3,651	\$	2,039	\$	1,612

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)	
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6
7/9/2020	8	646.093	70.09	\$27.14	\$1,902	576							\$ 1,902	\$ 1,902	\$ -
7/9/2020	9	692.858	90.86	\$28.75	\$2,612	602							\$ 2,612	\$ 2,612	\$ -
7/9/2020	10	724.934	122.93	\$34.29	\$4,215	602							\$ 4,215	\$ 3,223	\$ 992
7/9/2020	11	724.487	0	\$0.00	\$0	604	52	53	60	51	57	58	\$ -	\$ -	\$ -
7/9/2020	12	711.618	0	\$0.00	\$0	603	70	72	71	73	70	70	\$ -	\$ -	\$ -
7/9/2020	13	710.68	0	\$0.00	\$0	443	73	76	71	75	72	72	\$ -	\$ -	\$ -
7/9/2020	14	706.009	0	\$0.00	\$0	365	74	76	73	76	73	74	\$ -	\$ -	\$ -
7/9/2020	15	689.127	0	\$0.00	\$0	416	76	79	76	76	75	76	\$ -	\$ -	\$ -
7/9/2020	16	696.975	0	\$0.00	\$0	432	75	78	75	76	74	75	\$ -	\$ -	\$ -
7/9/2020	17	698.083	0	\$0.00	\$0	538	73	75	73	76	71	72	\$ -	\$ -	\$ -
7/9/2020	18	692.902	0	\$0.00	\$0	555	34	36	34	34	33	34	\$ -	\$ -	\$ -
7/9/2020	19	666.555	82.56	\$29.08	\$2,401	560	4	3	3	5	5	4	\$ 2,401	\$ 2,401	\$ -
7/9/2020	20	649.858	92.86	\$25.69	\$2,386	557							\$ 2,386	\$ 2,386	\$ -
7/9/2020	21	617.385	54.39	\$23.55	\$1,281	563							\$ 1,281	\$ 1,281	\$ -
7/9/2020	22	571.974	0	\$0.00	\$0	605							\$ -	\$ -	\$ -
7/9/2020	23	535.605			\$0	604							\$ -	\$ -	\$ -
7/10/2020	0	505.145	0	\$0.00	\$0	546							\$ -	\$ -	\$ -
7/10/2020	1	483.675	40.68	\$16.44	\$669	443							\$ 669	\$ 669	\$ -
7/10/2020	2	468.315	125.32	\$15.63	\$1,959	343							\$ 1,959	\$ 1,469	\$ 490
7/10/2020	3	464.729	154.73	\$15.38	\$2,380	310							\$ 2,380	\$ 1,446	\$ 934
7/10/2020	4	475.47	164.47	\$14.95	\$2,459	311							\$ 2,459	\$ 1,405	\$ 1,054
7/10/2020	5	497.046	186.05	\$16.34	\$3,040	311							\$ 3,040	\$ 1,536	\$ 1,504
7/10/2020	6	536.966	176.97	\$19.28	\$3,412	360							\$ 3,412	\$ 1,812	\$ 1,600
7/10/2020	7	584.872	72.87	\$21.71	\$1,582	512							\$ 1,582	\$ 1,582	\$ -
7/10/2020	8	595.357	0	\$0.00	\$0	600							\$ -	\$ -	\$ -
7/10/2020	9	634.486	30.49	\$26.86	\$819	604							\$ 819	\$ 819	\$ -
7/10/2020	10	680.489	75.49	\$30.06	\$2,269	605							\$ 2,269	\$ 2,269	\$ -
7/10/2020	11	699.065	95.07	\$34.48	\$3,278	604							\$ 3,278	\$ 3,241	\$ 37
7/10/2020	12	712.941	110.94	\$40.89	\$4,536	602							\$ 4,536	\$ 3,844	\$ 693
7/10/2020	13	724.871	118.87	\$40.81	\$4,851	606							\$ 4,851	\$ 3,836	\$ 1,015
7/10/2020	14	721.093	114.09	\$36.25	\$4,136	607							\$ 4,136	\$ 3,408	\$ 728
7/10/2020	15	712.43	124.43	\$38.68	\$4,813	588							\$ 4,813	\$ 3,636	\$ 1,177
7/10/2020	16	704.869	100.87	\$37.55	\$3,788	604							\$ 3,788	\$ 3,530	\$ 258
7/10/2020	17	684.413	82.41	\$31.36	\$2,584	602							\$ 2,584	\$ 2,584	\$ -
7/10/2020	18	664.875	61.88	\$27.52	\$1,703	603							\$ 1,703	\$ 1,703	\$ -
7/10/2020	19	634.486	32.49	\$25.95	\$843	602							\$ 843	\$ 843	\$ -
7/10/2020	20	616.715	13.72	\$23.14	\$317	603							\$ 317	\$ 317	\$ -
7/10/2020	21	586.305			\$0	604							\$ -	\$ -	\$ -
7/10/2020	22	545.74			\$0	604							\$ -	\$ -	\$ -
7/10/2020	23	506.593			\$0	603							\$ -	\$ -	\$ -
7/11/2020	0	476.444	0	\$0.00	\$0	598							\$ -	\$ -	\$ -
7/11/2020	1	452.082	0	\$0.00	\$0	518							\$ -	\$ -	\$ -
7/11/2020	2	436.448	0	\$0.00	\$0	452							\$ -	\$ -	\$ -
7/11/2020	3	424.766	62.77	\$13.33	\$837	362							\$ 837	\$ 837	\$ -
7/11/2020	4	419.871	108.87	\$12.91	\$1,406	311							\$ 1,406	\$ 1,214	\$ 192
7/11/2020	5	413.982	104.98	\$12.62	\$1,325	309							\$ 1,325	\$ 1,186	\$ 139
7/11/2020	6	433.741	125.74	\$14.47	\$1,819	308							\$ 1,819	\$ 1,360	\$ 459
7/11/2020	7	476.12	168.12	\$17.28	\$2,905	308							\$ 2,905	\$ 1,624	\$ 1,281
7/11/2020	8	523.322	197.32	\$20.29	\$4,004	326							\$ 4,004	\$ 1,907	\$ 2,096
7/11/2020	9	561.444	123.44	\$21.52	\$2,656	438							\$ 2,656	\$ 2,023	\$ 634
7/11/2020	10	587.876	38.88	\$23.72	\$922	549							\$ 922	\$ 922	\$ -
7/11/2020	11	605.424	1.42	\$26.34	\$37	604							\$ 37	\$ 37	\$ -
7/11/2020	12	619.028	16.03	\$27.27	\$437	603							\$ 437	\$ 437	\$ -
7/11/2020	13	628.783	40.78	\$29.27	\$1,194	588							\$ 1,194	\$ 1,194	\$ -
7/11/2020	14	640.587	35.59	\$30.84	\$1,098	605							\$ 1,098	\$ 1,098	\$ -
7/11/2020	15	651.341	47.34	\$36.40	\$1,723	604							\$ 1,723	\$ 1,723	\$ -

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Demand (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)	
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6
7/11/2020	16	660.174	56.17	\$34.91	\$1,961	604							\$ 1,961	\$ 1,961	\$ -
7/11/2020	17	651.343	48.34	\$30.82	\$1,490	603							\$ 1,490	\$ 1,490	\$ -
7/11/2020	18	592.426	0	\$0.00	\$0	603							\$ -	\$ -	\$ -
7/11/2020	19	551.152			\$0	602							\$ -	\$ -	\$ -
7/11/2020	20	527.492			\$0	602							\$ -	\$ -	\$ -
7/11/2020	21	498.851			\$0	604							\$ -	\$ -	\$ -
7/11/2020	22	466.177			\$0	603							\$ -	\$ -	\$ -
7/11/2020	23	438.81	0	\$0.00	\$0	602							\$ -	\$ -	\$ -
7/12/2020	0	416.347	0	\$0.00	\$0	600							\$ -	\$ -	\$ -
7/12/2020	1	398.858	0	\$0.00	\$0	541							\$ -	\$ -	\$ -
7/12/2020	2	387.141	0	\$0.00	\$0	448							\$ -	\$ -	\$ -
7/12/2020	3	380.301	9.3	\$12.38	\$115	371							\$ 115	\$ 115	\$ -
7/12/2020	4	374.415	62.42	\$11.92	\$744	312							\$ 744	\$ 744	\$ -
7/12/2020	5	374.413	64.41	\$10.65	\$686	310							\$ 686	\$ 686	\$ -
7/12/2020	6	377.298	68.3	\$12.50	\$854	309							\$ 854	\$ 854	\$ -
7/12/2020	7	398.092	89.09	\$14.42	\$1,285	309							\$ 1,285	\$ 1,285	\$ -
7/12/2020	8	444.614	121.61	\$17.15	\$2,086	323							\$ 2,086	\$ 1,612	\$ 474
7/12/2020	9	485.874	122.87	\$19.45	\$2,390	363							\$ 2,390	\$ 1,828	\$ 562
7/12/2020	10	516.918	68.92	\$21.08	\$1,453	448							\$ 1,453	\$ 1,453	\$ -
7/12/2020	11	543.183			\$0	576							\$ -	\$ -	\$ -
7/12/2020	12	571.763			\$0	602							\$ -	\$ -	\$ -
7/12/2020	13	581.796			\$0	602							\$ -	\$ -	\$ -
7/12/2020	14	599.705			\$0	602							\$ -	\$ -	\$ -
7/12/2020	15	617.606	11.61	\$28.47	\$331	606							\$ 331	\$ 331	\$ -
7/12/2020	16	615.852	12.85	\$30.12	\$387	603							\$ 387	\$ 387	\$ -
7/12/2020	17	576.41			\$0	604							\$ -	\$ -	\$ -
7/12/2020	18	566.56			\$0	605							\$ -	\$ -	\$ -
7/12/2020	19	543.044			\$0	587							\$ -	\$ -	\$ -
7/12/2020	20	526.323			\$0	604							\$ -	\$ -	\$ -
7/12/2020	21	500.584			\$0	603							\$ -	\$ -	\$ -
7/12/2020	22	461.002	0	\$0.00	\$0	603							\$ -	\$ -	\$ -
7/12/2020	23	427.363	0	\$0.00	\$0	603							\$ -	\$ -	\$ -
7/13/2020	0	402.728	0	\$0.00	\$0	533							\$ -	\$ -	\$ -
7/13/2020	1	388.002	0	\$0.00	\$0	428							\$ -	\$ -	\$ -
7/13/2020	2	378.123	51.12	\$12.57	\$643	327							\$ 643	\$ 643	\$ -
7/13/2020	3	377.068	66.07	\$12.45	\$823	311							\$ 823	\$ 823	\$ -
7/13/2020	4	386.908	75.91	\$12.86	\$976	311							\$ 976	\$ 976	\$ -
7/13/2020	5	409.735	99.74	\$13.85	\$1,381	310							\$ 1,381	\$ 1,302	\$ 79
7/13/2020	6	443.284	132.28	\$16.21	\$2,144	311							\$ 2,144	\$ 1,524	\$ 621
7/13/2020	7	483.768	171.77	\$18.12	\$3,112	312							\$ 3,112	\$ 1,703	\$ 1,409
7/13/2020	8	519.122	138.12	\$20.07	\$2,772	381							\$ 2,772	\$ 1,887	\$ 885
7/13/2020	9	555.433	38.43	\$21.24	\$816	517							\$ 816	\$ 816	\$ -
7/13/2020	10	590.831			\$0	600							\$ -	\$ -	\$ -
7/13/2020	11	613.415	9.42	\$25.86	\$244	604							\$ 244	\$ 244	\$ -
7/13/2020	12	633.99	28.99	\$28.54	\$827	605							\$ 827	\$ 827	\$ -
7/13/2020	13	649.655	42.66	\$29.41	\$1,255	607							\$ 1,255	\$ 1,255	\$ -
7/13/2020	14	661.343	56.34	\$29.60	\$1,668	605							\$ 1,668	\$ 1,668	\$ -
7/13/2020	15	676.033	71.03	\$32.29	\$2,294	605							\$ 2,294	\$ 2,294	\$ -
7/13/2020	16	686.883	0	\$0.00	\$0	605	24	25	19	24	22	25	\$ -	\$ -	\$ -
7/13/2020	17	684.1	0	\$0.00	\$0	604	40	41	39	41	38	39	\$ -	\$ -	\$ -
7/13/2020	18	667.566	18.57	\$27.27	\$506	606	5	8	7	7	8	8	\$ 506	\$ 506	\$ -
7/13/2020	19	641.915	34.92	\$26.14	\$913	603	1		1		1	1	\$ 913	\$ 913	\$ -
7/13/2020	20	624.342	20.34	\$22.07	\$449	604							\$ 449	\$ 449	\$ -
7/13/2020	21	585.855			\$0	605							\$ -	\$ -	\$ -
7/13/2020	22	538.676	0	\$0.00	\$0	601							\$ -	\$ -	\$ -
7/13/2020	23	493.537	0	\$0.00	\$0	516							\$ -	\$ -	\$ -



Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)	
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6
7/14/2020	0	459.207	67.21	\$14.27	\$959	392							\$ 959	\$ 959	\$ -
7/14/2020	1	434.628	105.63	\$13.22	\$1,396	329							\$ 1,396	\$ 1,243	\$ 154
7/14/2020	2	416.801	106.8	\$12.82	\$1,369	310							\$ 1,369	\$ 1,205	\$ 164
7/14/2020	3	414.711	104.71	\$12.58	\$1,317	310							\$ 1,317	\$ 1,183	\$ 135
7/14/2020	4	425.528	116.53	\$13.09	\$1,525	309							\$ 1,525	\$ 1,230	\$ 295
7/14/2020	5	444.352	135.35	\$13.41	\$1,815	309							\$ 1,815	\$ 1,261	\$ 555
7/14/2020	6	473.74	119.74	\$15.67	\$1,876	354							\$ 1,876	\$ 1,473	\$ 403
7/14/2020	7	514.056	94.06	\$18.27	\$1,718	420							\$ 1,718	\$ 1,717	\$ 1
7/14/2020	8	552.423	19.42	\$21.29	\$413	533							\$ 413	\$ 413	\$ -
7/14/2020	9	587.749	3.75	\$21.63	\$81	584							\$ 81	\$ 81	\$ -
7/14/2020	10	622.927	19.93	\$22.22	\$443	603							\$ 443	\$ 443	\$ -
7/14/2020	11	654.285	51.29	\$28.42	\$1,458	603							\$ 1,458	\$ 1,458	\$ -
7/14/2020	12	675.035	74.04	\$25.92	\$1,919	601							\$ 1,919	\$ 1,919	\$ -
7/14/2020	13	688.81	83.81	\$28.61	\$2,398	605							\$ 2,398	\$ 2,398	\$ -
7/14/2020	14	697.707	92.71	\$30.18	\$2,798	605							\$ 2,798	\$ 2,798	\$ -
7/14/2020	15	713.327	110.33	\$38.49	\$4,247	603							\$ 4,247	\$ 3,618	\$ 629
7/14/2020	16	725.999	122	\$44.33	\$5,408	604							\$ 5,408	\$ 4,167	\$ 1,241
7/14/2020	17	720.199	116.2	\$31.30	\$3,637	604							\$ 3,637	\$ 2,942	\$ 695
7/14/2020	18	700.642	96.64	\$27.79	\$2,686	604							\$ 2,686	\$ 2,612	\$ 73
7/14/2020	19	667.908	64.91	\$25.95	\$1,684	603							\$ 1,684	\$ 1,684	\$ -
7/14/2020	20	645.344	42.34	\$24.64	\$1,043	603							\$ 1,043	\$ 1,043	\$ -
7/14/2020	21	600.227		\$0	\$0	602							\$ -	\$ -	\$ -
7/14/2020	22	549.166		\$0	\$0	600							\$ -	\$ -	\$ -
7/14/2020	23	507.907	0	\$0.00	\$0	536							\$ -	\$ -	\$ -
7/15/2020	0	476.691	68.69	\$14.10	\$969	408							\$ 969	\$ 969	\$ -
7/15/2020	1	450.131	130.13	\$13.16	\$1,713	320							\$ 1,713	\$ 1,237	\$ 475
7/15/2020	2	432.318	123.32	\$12.77	\$1,575	309							\$ 1,575	\$ 1,200	\$ 374
7/15/2020	3	426.357	117.36	\$13.15	\$1,543	309							\$ 1,543	\$ 1,236	\$ 307
7/15/2020	4	435.279	126.28	\$13.51	\$1,706	309							\$ 1,706	\$ 1,270	\$ 436
7/15/2020	5	454.037	144.04	\$13.68	\$1,970	310							\$ 1,970	\$ 1,286	\$ 685
7/15/2020	6	484.532	174.53	\$15.96	\$2,785	310							\$ 2,785	\$ 1,500	\$ 1,285
7/15/2020	7	530.8	200.8	\$19.08	\$3,831	330							\$ 3,831	\$ 1,794	\$ 2,038
7/15/2020	8	580.051	162.05	\$23.34	\$3,782	418							\$ 3,782	\$ 2,194	\$ 1,588
7/15/2020	9	620.258	81.26	\$25.76	\$2,093	539							\$ 2,093	\$ 2,093	\$ -
7/15/2020	10	657.491	55.49	\$30.28	\$1,680	602							\$ 1,680	\$ 1,680	\$ -
7/15/2020	11	687.658	85.66	\$33.89	\$2,903	602							\$ 2,903	\$ 2,903	\$ -
7/15/2020	12	711.805	106.81	\$42.50	\$4,539	604	1	2		1			\$ 4,539	\$ 3,995	\$ 544
7/15/2020	13	725.361	109.36	\$44.93	\$4,914	604	6	6	7	6	7		\$ 4,914	\$ 4,223	\$ 690
7/15/2020	14	737.759	121.76	\$57.86	\$7,045	604	6	6	6	6	6		\$ 7,045	\$ 5,439	\$ 1,606
7/15/2020	15	749.325	100.33	\$63.31	\$6,352	606	21	22	21	20	21		\$ 6,352	\$ 5,951	\$ 401
7/15/2020	16	751.261	106.26	\$64.61	\$6,865	606	18	21	20	21	18	20	\$ 6,865	\$ 6,073	\$ 792
7/15/2020	17	742.482	61.48	\$43.29	\$2,661	603	38	40	37	39	37	38	\$ 2,661	\$ 2,661	\$ -
7/15/2020	18	724.91	136.91	\$36.84	\$5,044	587		1	1	1	1		\$ 5,044	\$ 3,463	\$ 1,581
7/15/2020	19	691.796	88.8	\$28.84	\$2,561	603							\$ 2,561	\$ 2,561	\$ -
7/15/2020	20	674.889	74.89	\$25.38	\$1,901	600							\$ 1,901	\$ 1,901	\$ -
7/15/2020	21	644.401	81.4	\$22.11	\$1,800	563							\$ 1,800	\$ 1,800	\$ -
7/15/2020	22	599.183	60.18	\$19.80	\$1,192	539							\$ 1,192	\$ 1,192	\$ -
7/15/2020	23	551.249	52.25	\$16.42	\$858	499							\$ 858	\$ 858	\$ -
7/16/2020	0	525.109	115.11	\$14.97	\$1,723	410							\$ 1,723	\$ 1,407	\$ 316
7/16/2020	1	508.834	185.83	\$14.49	\$2,693	323							\$ 2,693	\$ 1,362	\$ 1,331
7/16/2020	2	500.227	190.23	\$13.67	\$2,600	310							\$ 2,600	\$ 1,285	\$ 1,315
7/16/2020	3	497.379	187.38	\$13.98	\$2,620	310							\$ 2,620	\$ 1,314	\$ 1,305
7/16/2020	4	519.02	208.02	\$14.60	\$3,037	311							\$ 3,037	\$ 1,372	\$ 1,665
7/16/2020	5	540.437	231.44	\$15.22	\$3,523	309							\$ 3,523	\$ 1,431	\$ 2,092
7/16/2020	6	551.126	241.13	\$16.21	\$3,909	310							\$ 3,909	\$ 1,524	\$ 2,385
7/16/2020	7	579.562	202.56	\$19.67	\$3,984	377							\$ 3,984	\$ 1,849	\$ 2,135

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
							East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5			
7/16/2020	8	607.962	163.96	\$22.91	\$3,756	444							\$ 3,756	\$ 2,154	\$ 1,603
7/16/2020	9	622.192	87.19	\$25.14	\$2,192	535							\$ 2,192	\$ 2,192	\$ -
7/16/2020	10	663.054	71.05	\$29.00	\$2,060	592							\$ 2,060	\$ 2,060	\$ -
7/16/2020	11	697.231	95.23	\$32.21	\$3,067	602							\$ 3,067	\$ 3,028	\$ 40
7/16/2020	12	720.842	119.84	\$34.34	\$4,115	601							\$ 4,115	\$ 3,228	\$ 887
7/16/2020	13	739.478	135.48	\$38.51	\$5,217	604							\$ 5,217	\$ 3,620	\$ 1,597
7/16/2020	14	746.486	143.49	\$36.83	\$5,285	603							\$ 5,285	\$ 3,462	\$ 1,823
7/16/2020	15	754.405	152.41	\$43.16	\$6,578	602							\$ 6,578	\$ 4,057	\$ 2,521
7/16/2020	16	755.583	152.58	\$40.94	\$6,247	603							\$ 6,247	\$ 3,848	\$ 2,398
7/16/2020	17	744.969	158.97	\$36.46	\$5,796	586							\$ 5,796	\$ 3,427	\$ 2,369
7/16/2020	18	724.455	120.46	\$27.93	\$3,364	604							\$ 3,364	\$ 2,625	\$ 739
7/16/2020	19	692.997	90	\$24.91	\$2,242	603							\$ 2,242	\$ 2,242	\$ -
7/16/2020	20	668.422	64.42	\$23.99	\$1,545	604							\$ 1,545	\$ 1,545	\$ -
7/16/2020	21	628.23	26.23	\$21.01	\$551	602							\$ 551	\$ 551	\$ -
7/16/2020	22	579.883	0	\$0	\$0	604							\$ -	\$ -	\$ -
7/16/2020	23	534.704	0	\$0.00	\$0	595							\$ -	\$ -	\$ -
7/17/2020	0	499.891	0	\$0.00	\$0	537							\$ -	\$ -	\$ -
7/17/2020	1	474.623	23.62	\$14.05	\$332	451							\$ 332	\$ 332	\$ -
7/17/2020	2	456.947	107.95	\$13.84	\$1,494	349							\$ 1,494	\$ 1,301	\$ 193
7/17/2020	3	449.101	140.1	\$13.23	\$1,854	309							\$ 1,854	\$ 1,244	\$ 610
7/17/2020	4	452.985	142.99	\$14.54	\$2,079	310							\$ 2,079	\$ 1,367	\$ 712
7/17/2020	5	470.764	168.76	\$15.43	\$2,604	302							\$ 2,604	\$ 1,450	\$ 1,154
7/17/2020	6	496.343	181.34	\$18.15	\$3,291	315							\$ 3,291	\$ 1,706	\$ 1,585
7/17/2020	7	534.405	191.41	\$20.13	\$3,853	343							\$ 3,853	\$ 1,892	\$ 1,961
7/17/2020	8	580.591	205.59	\$23.66	\$4,864	375							\$ 4,864	\$ 2,224	\$ 2,640
7/17/2020	9	616.521	135.52	\$27.12	\$3,675	481							\$ 3,675	\$ 2,549	\$ 1,126
7/17/2020	10	648.651	36.65	\$34.52	\$1,265	576	36	2	35	38	37	37	\$ 1,265	\$ 1,265	\$ -
7/17/2020	11	680.194	26.19	\$34.94	\$915	605	26	23	26	26	25	25	\$ 915	\$ 915	\$ -
7/17/2020	12	707.704	69.7	\$36.23	\$2,525	603	17	18	19	19	18	18	\$ 2,525	\$ 2,525	\$ -
7/17/2020	13	709.535	65.53	\$41.97	\$2,750	605	20	19	18	19	19	20	\$ 2,750	\$ 2,750	\$ -
7/17/2020	14	714.38	40.38	\$53.30	\$2,152	605	34	35	34	34	34	34	\$ 2,152	\$ 2,152	\$ -
7/17/2020	15	725.048	24.05	\$59.79	\$1,438	606	47	48	47	46	46	46	\$ 1,438	\$ 1,438	\$ -
7/17/2020	16	731.892	48.89	\$57.94	\$2,833	603	39	41	38	39	41	41	\$ 2,833	\$ 2,833	\$ -
7/17/2020	17	723.846	12.85	\$48.74	\$626	606	52	53	52	53	52	51	\$ 626	\$ 626	\$ -
7/17/2020	18	705.318	91.32	\$35.98	\$3,286	587	12	15	18	14	13	15	\$ 3,286	\$ 3,286	\$ -
7/17/2020	19	676.794	56.79	\$30.56	\$1,736	604	16	17	7	14	16	16	\$ 1,736	\$ 1,736	\$ -
7/17/2020	20	653.244	50.24	\$28.17	\$1,415	603							\$ 1,415	\$ 1,415	\$ -
7/17/2020	21	620.143	17.14	\$23.80	\$408	603							\$ 408	\$ 408	\$ -
7/17/2020	22	577.014	0	\$0	\$0	600							\$ -	\$ -	\$ -
7/17/2020	23	536.202	2.2	\$17.42	\$38	534							\$ 38	\$ 38	\$ -
7/18/2020	0	505.371	74.37	\$15.34	\$1,141	431							\$ 1,141	\$ 1,141	\$ -
7/18/2020	1	481.786	149.79	\$13.82	\$2,070	332							\$ 2,070	\$ 1,299	\$ 771
7/18/2020	2	465.075	157.08	\$12.45	\$1,956	308							\$ 1,956	\$ 1,170	\$ 785
7/18/2020	3	455.289	146.29	\$12.11	\$1,772	309							\$ 1,772	\$ 1,138	\$ 633
7/18/2020	4	452.33	142.33	\$11.40	\$1,623	310							\$ 1,623	\$ 1,072	\$ 551
7/18/2020	5	449.377	140.38	\$11.85	\$1,664	309							\$ 1,664	\$ 1,114	\$ 550
7/18/2020	6	466.1	158.1	\$13.13	\$2,076	308							\$ 2,076	\$ 1,234	\$ 842
7/18/2020	7	512.4	189.4	\$15.95	\$3,021	323							\$ 3,021	\$ 1,499	\$ 1,522
7/18/2020	8	567.006	228.01	\$20.25	\$4,617	339							\$ 4,617	\$ 1,904	\$ 2,714
7/18/2020	9	613.872	197.87	\$23.82	\$4,713	416							\$ 4,713	\$ 2,239	\$ 2,474
7/18/2020	10	649.749	107.75	\$25.69	\$2,768	542							\$ 2,768	\$ 2,415	\$ 353
7/18/2020	11	674.954	70.95	\$28.93	\$2,053	604							\$ 2,053	\$ 2,053	\$ -
7/18/2020	12	695.412	91.41	\$31.33	\$2,864	604							\$ 2,864	\$ 2,864	\$ -
7/18/2020	13	707.311	66.31	\$34.58	\$2,293	603	13	8	7	3	3	4	\$ 2,293	\$ 2,293	\$ -
7/18/2020	14	718.11	0	\$0.00	\$0	605	70	71	67	69	66	66	\$ -	\$ -	\$ -
7/18/2020	15	727.825	0	\$0.00	\$0	603	71	73	71	72	70	70	\$ -	\$ -	\$ -

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Demand (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)	
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6
7/18/2020	16	725.876	0	\$0.00	\$0	603	73	75	71	73	69	72	\$ -	\$ -	\$ -
7/18/2020	17	716.077	0	\$0.00	\$0	598	72	76	72	74	71	70	\$ -	\$ -	\$ -
7/18/2020	18	706.463	0	\$0.00	\$0	587	23	55	52	54	25	26	\$ -	\$ -	\$ -
7/18/2020	19	677.878	78.88	\$25.59	\$2,019	599							\$ 2,019	\$ 2,019	\$ -
7/18/2020	20	662.259	57.26	\$23.74	\$1,359	605							\$ 1,359	\$ 1,359	\$ -
7/18/2020	21	627.956	23.96	\$20.97	\$502	604							\$ 502	\$ 502	\$ -
7/18/2020	22	590.563			\$0	600							\$ -	\$ -	\$ -
7/18/2020	23	554.412	0	\$0.00	\$0	561							\$ -	\$ -	\$ -
7/19/2020	0	522.64	71.64	\$15.14	\$1,085	451							\$ 1,085	\$ 1,085	\$ -
7/19/2020	1	499.356	151.36	\$13.31	\$2,015	348							\$ 2,015	\$ 1,251	\$ 763
7/19/2020	2	480.718	170.72	\$12.23	\$2,088	310							\$ 2,088	\$ 1,150	\$ 938
7/19/2020	3	470.895	160.9	\$11.64	\$1,873	310							\$ 1,873	\$ 1,094	\$ 779
7/19/2020	4	463.098	155.1	\$10.97	\$1,701	308							\$ 1,701	\$ 1,031	\$ 670
7/19/2020	5	458.194	148.19	\$11.63	\$1,723	310							\$ 1,723	\$ 1,093	\$ 630
7/19/2020	6	470.857	160.86	\$12.83	\$2,064	310							\$ 2,064	\$ 1,206	\$ 858
7/19/2020	7	518.978	204.98	\$15.37	\$3,151	314							\$ 3,151	\$ 1,445	\$ 1,706
7/19/2020	8	574.751	226.75	\$19.50	\$4,422	348							\$ 4,422	\$ 1,833	\$ 2,589
7/19/2020	9	625.471	190.47	\$23.59	\$4,493	435							\$ 4,493	\$ 2,217	\$ 2,276
7/19/2020	10	664.502	204.5	\$28.22	\$5,771	460							\$ 5,771	\$ 2,653	\$ 3,118
7/19/2020	11	692.768	118.77	\$29.94	\$3,556	521	15	20	18				\$ 3,556	\$ 2,814	\$ 742
7/19/2020	12	712.337	0	\$0.00	\$0	492	69	72	69	12	13	13	\$ -	\$ -	\$ -
7/19/2020	13	725.074	0	\$0.00	\$0	461	71	72	71	71	67	68	\$ -	\$ -	\$ -
7/19/2020	14	736.969	0	\$0.00	\$0	420	71	75	72	73	68	70	\$ -	\$ -	\$ -
7/19/2020	15	746.874	0	\$0.00	\$0	374	73	75	72	73	71	71	\$ -	\$ -	\$ -
7/19/2020	16	725.621	0	\$0.00	\$0	388	74	79	73	76	73	74	\$ -	\$ -	\$ -
7/19/2020	17	642.038	0	\$0.00	\$0	523	75	78	74	75	72	72	\$ -	\$ -	\$ -
7/19/2020	18	605.552	0	\$0.00	\$0	601	71	76	73	75	73	73	\$ -	\$ -	\$ -
7/19/2020	19	595.758	0	\$0.00	\$0	605	3	3	2	11	11	13	\$ -	\$ -	\$ -
7/19/2020	20	608.528	6.53	\$33.57	\$219	602							\$ 219	\$ 219	\$ -
7/19/2020	21	576.058	0	\$0.00	\$0	602							\$ -	\$ -	\$ -
7/19/2020	22	540.595	0	\$0.00	\$0	599							\$ -	\$ -	\$ -
7/19/2020	23	509.365	0	\$0.00	\$0	547							\$ -	\$ -	\$ -
7/20/2020	0	487.127	68.13	\$18.23	\$1,242	419							\$ 1,242	\$ 1,242	\$ -
7/20/2020	1	471.696	139.7	\$16.13	\$2,253	332							\$ 2,253	\$ 1,516	\$ 737
7/20/2020	2	460.017	150.02	\$15.44	\$2,316	310							\$ 2,316	\$ 1,451	\$ 865
7/20/2020	3	460.103	149.1	\$15.46	\$2,305	311							\$ 2,305	\$ 1,453	\$ 852
7/20/2020	4	472.779	162.78	\$15.66	\$2,549	310							\$ 2,549	\$ 1,472	\$ 1,077
7/20/2020	5	491.453	182.45	\$19.21	\$3,505	309							\$ 3,505	\$ 1,806	\$ 1,699
7/20/2020	6	524.978	158.98	\$21.80	\$3,466	366							\$ 3,466	\$ 2,049	\$ 1,417
7/20/2020	7	572.063	159.06	\$25.24	\$4,015	413							\$ 4,015	\$ 2,373	\$ 1,642
7/20/2020	8	610.974	129.97	\$31.50	\$4,094	481							\$ 4,094	\$ 2,961	\$ 1,133
7/20/2020	9	647.046	56.05	\$36.72	\$2,058	591							\$ 2,058	\$ 2,058	\$ -
7/20/2020	10	689.389	86.39	\$44.40	\$3,836	603							\$ 3,836	\$ 3,836	\$ -
7/20/2020	11	724.7	135.7	\$48.96	\$6,644	589							\$ 6,644	\$ 4,602	\$ 2,042
7/20/2020	12	752.163	147.16	\$53.64	\$7,894	605							\$ 7,894	\$ 5,042	\$ 2,852
7/20/2020	13	768.79	164.79	\$58.28	\$9,604	604							\$ 9,604	\$ 5,478	\$ 4,126
7/20/2020	14	781.555	178.56	\$61.51	\$10,983	603							\$ 10,983	\$ 5,782	\$ 5,201
7/20/2020	15	791.265	103.27	\$65.15	\$6,728	606	26	26	30	30	31	32	\$ 6,728	\$ 6,124	\$ 604
7/20/2020	16	782.183	118.18	\$58.66	\$6,932	605	14	15	15	15	15	15	\$ 6,932	\$ 5,514	\$ 1,418
7/20/2020	17	759.548	127.55	\$49.45	\$6,307	606	8	9	8	7	7	7	\$ 6,307	\$ 4,648	\$ 1,659
7/20/2020	18	732.297	117.3	\$37.67	\$4,419	602	4	5	4	5	5	5	\$ 4,419	\$ 3,541	\$ 878
7/20/2020	19	705.068	103.07	\$36.20	\$3,731	602							\$ 3,731	\$ 3,403	\$ 328
7/20/2020	20	692.337	90.34	\$33.50	\$3,026	602							\$ 3,026	\$ 3,026	\$ -
7/20/2020	21	654.006	50.01	\$26.23	\$1,312	604							\$ 1,312	\$ 1,312	\$ -
7/20/2020	22	608.643	5.64	\$21.59	\$122	603							\$ 122	\$ 122	\$ -
7/20/2020	23	569.423	7.42	\$17.90	\$133	562							\$ 133	\$ 133	\$ -

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)	
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6
7/21/2020	0	536.231	97.23	\$16.76	\$1,630	439							\$ 1,630	\$ 1,575	\$ 54
7/21/2020	1	511.115	175.12	\$15.66	\$2,742	336							\$ 2,742	\$ 1,472	\$ 1,270
7/21/2020	2	497.474	188.47	\$14.46	\$2,725	309							\$ 2,725	\$ 1,359	\$ 1,366
7/21/2020	3	493.528	183.53	\$14.20	\$2,606	310							\$ 2,606	\$ 1,335	\$ 1,271
7/21/2020	4	506.29	198.29	\$15.52	\$3,077	308							\$ 3,077	\$ 1,459	\$ 1,619
7/21/2020	5	523.991	214.99	\$16.26	\$3,496	309							\$ 3,496	\$ 1,528	\$ 1,967
7/21/2020	6	541.722	218.72	\$17.61	\$3,852	323							\$ 3,852	\$ 1,655	\$ 2,196
7/21/2020	7	580.095	171.1	\$19.77	\$3,383	409							\$ 3,383	\$ 1,858	\$ 1,524
7/21/2020	8	615.463	74.46	\$22.67	\$1,688	541							\$ 1,688	\$ 1,688	\$ -
7/21/2020	9	657.639	54.64	\$24.66	\$1,347	603							\$ 1,347	\$ 1,347	\$ -
7/21/2020	10	684.803	99.8	\$28.88	\$2,882	585							\$ 2,882	\$ 2,715	\$ 168
7/21/2020	11	718.88	107.88	\$38.95	\$4,202	602	2	3	2	2	2	3	\$ 4,202	\$ 3,661	\$ 541
7/21/2020	12	747.303	22.3	\$41.61	\$928	600	30	32	31	32	31	32	\$ 928	\$ 928	\$ -
7/21/2020	13	768.46		\$0	\$0	602	71	73	72	73	69	70	\$ -	\$ -	\$ -
7/21/2020	14	784.032		\$0	\$0	586	73	76	73	75	73	75	\$ -	\$ -	\$ -
7/21/2020	15	789.876		\$0	\$0	606	72	80	77	76	77	77	\$ -	\$ -	\$ -
7/21/2020	16	787.938	0	\$0.00	\$0	603	74	79	78	78	76	77	\$ -	\$ -	\$ -
7/21/2020	17	781.208		\$0	\$0	604	72	79	75	77	74	74	\$ -	\$ -	\$ -
7/21/2020	18	749.897		\$0	\$0	605	72	75	73	74	71	73	\$ -	\$ -	\$ -
7/21/2020	19	727.241	0	\$0.00	\$0	604	71	73	48	72	72	72	\$ -	\$ -	\$ -
7/21/2020	20	708.379	0	\$0.00	\$0	605	4	4	57	41	60	60	\$ -	\$ -	\$ -
7/21/2020	21	664.083	40.08	\$22.40	\$898	603					10	11	\$ 898	\$ 898	\$ -
7/21/2020	22	617.833	13.83	\$19.25	\$266	604							\$ 266	\$ 266	\$ -
7/21/2020	23	579.389	0	\$0.00	\$0	603							\$ -	\$ -	\$ -
7/22/2020	0	539.014	0	\$0.00	\$0	604							\$ -	\$ -	\$ -
7/22/2020	1	501.654	0	\$0.00	\$0	604							\$ -	\$ -	\$ -
7/22/2020	2	484.055	0	\$0.00	\$0	570							\$ -	\$ -	\$ -
7/22/2020	3	475.442	6.44	\$14.36	\$92	469							\$ 92	\$ 92	\$ -
7/22/2020	4	483.295	105.3	\$15.24	\$1,605	378							\$ 1,605	\$ 1,433	\$ 172
7/22/2020	5	507.115	187.12	\$16.59	\$3,104	320							\$ 3,104	\$ 1,559	\$ 1,545
7/22/2020	6	528.802	203.8	\$18.86	\$3,844	325							\$ 3,844	\$ 1,773	\$ 2,071
7/22/2020	7	547.63	244.63	\$19.88	\$4,863	303							\$ 4,863	\$ 1,869	\$ 2,995
7/22/2020	8	560.239	203.24	\$24.97	\$5,075	357							\$ 5,075	\$ 2,347	\$ 2,728
7/22/2020	9	590.807	234.81	\$28.43	\$6,676	356							\$ 6,676	\$ 2,672	\$ 4,003
7/22/2020	10	623.265	255.27	\$33.60	\$8,577	368							\$ 8,577	\$ 3,158	\$ 5,419
7/22/2020	11	643.903	253.9	\$32.33	\$8,209	390							\$ 8,209	\$ 3,039	\$ 5,170
7/22/2020	12	601.367	86.37	\$29.95	\$2,587	515							\$ 2,587	\$ 2,587	\$ -
7/22/2020	13	582.671	0	\$0.00	\$0	563	5	5	4	5	5	5	\$ -	\$ -	\$ -
7/22/2020	14	574.135	93.14	\$42.26	\$3,936	473		2		2	1	3	\$ 3,936	\$ 3,936	\$ -
7/22/2020	15	602.84	130.84	\$43.67	\$5,714	472							\$ 5,714	\$ 4,105	\$ 1,609
7/22/2020	16	639.26	164.26	\$44.88	\$7,372	475							\$ 7,372	\$ 4,219	\$ 3,153
7/22/2020	17	654.827	93.83	\$35.92	\$3,370	561							\$ 3,370	\$ 3,370	\$ -
7/22/2020	18	640.075	53.08	\$29.60	\$1,571	587							\$ 1,571	\$ 1,571	\$ -
7/22/2020	19	619.449	35.45	\$28.20	\$1,000	584							\$ 1,000	\$ 1,000	\$ -
7/22/2020	20	612.382	17.38	\$25.58	\$445	595							\$ 445	\$ 445	\$ -
7/22/2020	21	583.771	0	\$0.00	\$0	600							\$ -	\$ -	\$ -
7/22/2020	22	543.464	0	\$0.00	\$0	605							\$ -	\$ -	\$ -
7/22/2020	23	508.868	0	\$0.00	\$0	600							\$ -	\$ -	\$ -
7/23/2020	0	482.182	0	\$0.00	\$0	520							\$ -	\$ -	\$ -
7/23/2020	1	462.564	0	\$0.00	\$0	513							\$ -	\$ -	\$ -
7/23/2020	2	450.886	0	\$0.00	\$0	493							\$ -	\$ -	\$ -
7/23/2020	3	449.847	0	\$0.00	\$0	476							\$ -	\$ -	\$ -
7/23/2020	4	463.641	59.64	\$15.98	\$953	404							\$ 953	\$ 953	\$ -
7/23/2020	5	488.274	129.27	\$17.45	\$2,256	359							\$ 2,256	\$ 1,640	\$ 615
7/23/2020	6	512.809	72.81	\$18.53	\$1,349	440							\$ 1,349	\$ 1,349	\$ -
7/23/2020	7	535.459	39.46	\$19.65	\$775	496							\$ 775	\$ 775	\$ -

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)				
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6			
7/23/2020	8	548.343			\$0	600						\$	-	\$	-	\$	-	
7/23/2020	9	563.032	0	\$0.00	\$0	602						\$	-	\$	-	\$	-	
7/23/2020	10	579.78	0	\$0.00	\$0	601						\$	-	\$	-	\$	-	
7/23/2020	11	596.478	0	\$0.00	\$0	601						\$	-	\$	-	\$	-	
7/23/2020	12	630.853	26.85	\$34.95	\$938	604						\$	938	\$	938	\$	-	
7/23/2020	13	644.617	0	\$0.00	\$0	605	9	8		7	8	8	\$	-	\$	-	\$	-
7/23/2020	14	663.153	0	\$0.00	\$0	605	19	20		20	19	19	\$	-	\$	-	\$	-
7/23/2020	15	682.833	0	\$0.00	\$0	588	35	37		36	8	37	\$	-	\$	-	\$	-
7/23/2020	16	686.906	0	\$0.00	\$0	603	57	58		57		56	\$	-	\$	-	\$	-
7/23/2020	17	678.34	51.34	\$33.15	\$1,702	604	5	7		5	1	5	\$	1,702	\$	1,702	\$	-
7/23/2020	18	660.715	32.72	\$29.67	\$971	603	6	6		6	1	6	\$	971	\$	971	\$	-
7/23/2020	19	618.173	0	\$0.00	\$0	604	4	4		5		4	\$	-	\$	-	\$	-
7/23/2020	20	601.514	0	\$0.00	\$0	602							\$	-	\$	-	\$	-
7/23/2020	21	571.914	0	\$0.00	\$0	603							\$	-	\$	-	\$	-
7/23/2020	22	535.428	0	\$0.00	\$0	601							\$	-	\$	-	\$	-
7/23/2020	23	497.991	0	\$0.00	\$0	601							\$	-	\$	-	\$	-
7/24/2020	0	471.392	0	\$0.00	\$0	603							\$	-	\$	-	\$	-
7/24/2020	1	453.66	0	\$0.00	\$0	601							\$	-	\$	-	\$	-
7/24/2020	2	439.943	0	\$0.00	\$0	599							\$	-	\$	-	\$	-
7/24/2020	3	433.93	0	\$0.00	\$0	601							\$	-	\$	-	\$	-
7/24/2020	4	442.728	0	\$0.00	\$0	599							\$	-	\$	-	\$	-
7/24/2020	5	465.518	0	\$0.00	\$0	603							\$	-	\$	-	\$	-
7/24/2020	6	491.11	0	\$0.00	\$0	604							\$	-	\$	-	\$	-
7/24/2020	7	527.652			\$0	601							\$	-	\$	-	\$	-
7/24/2020	8	570.998			\$0	602							\$	-	\$	-	\$	-
7/24/2020	9	609.42	5.42	\$24.20	\$131	604							\$	131	\$	131	\$	-
7/24/2020	10	639.015	36.02	\$27.08	\$975	603							\$	975	\$	975	\$	-
7/24/2020	11	660.576	55.58	\$31.92	\$1,774	605							\$	1,774	\$	1,774	\$	-
7/24/2020	12	678.233	65.23	\$33.87	\$2,209	603	1	3		2	1	3	\$	2,209	\$	2,209	\$	-
7/24/2020	13	692.93	56.93	\$35.97	\$2,048	604	4	6		7	7	8	\$	2,048	\$	2,048	\$	-
7/24/2020	14	700.733	113.73	\$38.04	\$4,326	587							\$	4,326	\$	3,576	\$	751
7/24/2020	15	709.537	106.54	\$45.21	\$4,817	603							\$	4,817	\$	4,250	\$	567
7/24/2020	16	714.454	110.45	\$43.48	\$4,802	604							\$	4,802	\$	4,087	\$	715
7/24/2020	17	705.695	101.7	\$34.29	\$3,487	604							\$	3,487	\$	3,223	\$	264
7/24/2020	18	685.106	81.11	\$28.62	\$2,321	604							\$	2,321	\$	2,321	\$	-
7/24/2020	19	649.75	45.75	\$30.50	\$1,395	604							\$	1,395	\$	1,395	\$	-
7/24/2020	20	627.273	25.27	\$25.82	\$652	602							\$	652	\$	652	\$	-
7/24/2020	21	591.953			\$0	604							\$	-	\$	-	\$	-
7/24/2020	22	547.602			\$0	602							\$	-	\$	-	\$	-
7/24/2020	23	507.283	0	\$0.00	\$0	597							\$	-	\$	-	\$	-
7/25/2020	0	471.856	0	\$0.00	\$0	519							\$	-	\$	-	\$	-
7/25/2020	1	448.452	35.45	\$14.43	\$512	413							\$	512	\$	512	\$	-
7/25/2020	2	431.812	102.81	\$13.70	\$1,408	329							\$	1,408	\$	1,288	\$	121
7/25/2020	3	419.942	109.94	\$12.90	\$1,418	310							\$	1,418	\$	1,213	\$	206
7/25/2020	4	419.867	110.87	\$12.76	\$1,415	309							\$	1,415	\$	1,199	\$	215
7/25/2020	5	419.906	111.91	\$12.22	\$1,368	308							\$	1,368	\$	1,149	\$	219
7/25/2020	6	432.768	123.77	\$14.19	\$1,756	309							\$	1,756	\$	1,334	\$	422
7/25/2020	7	475.098	174.1	\$16.40	\$2,855	301							\$	2,855	\$	1,542	\$	1,314
7/25/2020	8	524.354	203.35	\$19.80	\$4,026	321							\$	4,026	\$	1,861	\$	2,165
7/25/2020	9	569.357	215.36	\$22.77	\$4,904	354							\$	4,904	\$	2,140	\$	2,763
7/25/2020	10	605.279	102.28	\$26.68	\$2,729	503							\$	2,729	\$	2,508	\$	221
7/25/2020	11	630.548	29.55	\$28.98	\$856	601							\$	856	\$	856	\$	-
7/25/2020	12	651.011	48.01	\$31.95	\$1,534	603							\$	1,534	\$	1,534	\$	-
7/25/2020	13	665.567	59.57	\$34.73	\$2,069	604							\$	2,069	\$	2,069	\$	-
7/25/2020	14	680.954	74.95	\$35.70	\$2,676	606							\$	2,676	\$	2,676	\$	-
7/25/2020	15	696.529	89.53	\$45.47	\$4,071	607							\$	4,071	\$	4,071	\$	-

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
							East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5			
7/25/2020	16	707.336	45.34	\$46.50	\$2,108	605	27	28	30	30	30	30	\$ 2,108	\$ 2,108	\$ -
7/25/2020	17	702.502			\$0	606	57	59	57	57	58	58	\$ -	\$ -	\$ -
7/25/2020	18	683.092	496.09	\$29.75	\$14,759	187							\$ 14,759	\$ 2,797	\$ 11,962
7/25/2020	19	650.108	650.11	\$29.24	\$19,009								\$ 17,544	\$ 2,749	\$ 16,261
7/25/2020	20	627.573	627.57	\$26.03	\$16,336								\$ 15,618	\$ 2,447	\$ 13,889
7/25/2020	21	589.321	589.32	\$21.88	\$12,894								\$ 12,894	\$ 2,057	\$ 10,838
7/25/2020	22	547.007	547.01	\$19.28	\$10,546								\$ 10,546	\$ 1,812	\$ 8,734
7/25/2020	23	509.485	509.49	\$17.48	\$8,906								\$ 8,906	\$ 1,643	\$ 7,263
7/26/2020	0	478.293	478.29	\$15.75	\$7,533								\$ 7,533	\$ 1,481	\$ 6,053
7/26/2020	1	452.024	382.02	\$14.60	\$5,577	70							\$ 5,577	\$ 1,372	\$ 4,205
7/26/2020	2	433.599	232.6	\$13.91	\$3,235	201							\$ 3,235	\$ 1,308	\$ 1,928
7/26/2020	3	420.909	188.91	\$12.84	\$2,426	232							\$ 2,426	\$ 1,207	\$ 1,219
7/26/2020	4	413.925	152.93	\$12.59	\$1,925	261							\$ 1,925	\$ 1,183	\$ 742
7/26/2020	5	408.973	124.97	\$11.71	\$1,463	284							\$ 1,463	\$ 1,101	\$ 363
7/26/2020	6	419.686	110.69	\$13.16	\$1,457	309							\$ 1,457	\$ 1,237	\$ 220
7/26/2020	7	465.11	137.11	\$16.50	\$2,262	328							\$ 2,262	\$ 1,551	\$ 711
7/26/2020	8	521.269	158.27	\$21.12	\$3,343	363							\$ 3,343	\$ 1,985	\$ 1,357
7/26/2020	9	576.887	161.89	\$22.76	\$3,685	415							\$ 3,685	\$ 2,139	\$ 1,545
7/26/2020	10	622.515	148.52	\$30.50	\$4,530	474							\$ 4,530	\$ 2,867	\$ 1,663
7/26/2020	11	656.461	150.46	\$32.52	\$4,893	506							\$ 4,893	\$ 3,057	\$ 1,836
7/26/2020	12	680.01	177.01	\$34.98	\$6,192	503							\$ 6,192	\$ 3,288	\$ 2,904
7/26/2020	13	692.757	200.76	\$38.32	\$7,693	492							\$ 7,693	\$ 3,602	\$ 4,091
7/26/2020	14	710.319	205.32	\$42.44	\$8,714	505							\$ 8,714	\$ 3,989	\$ 4,724
7/26/2020	15	724.778	219.78	\$57.75	\$12,692	505							\$ 12,692	\$ 5,429	\$ 7,264
7/26/2020	16	733.397	212.4	\$57.13	\$12,134	521							\$ 12,134	\$ 5,370	\$ 6,764
7/26/2020	17	731.519	198.52	\$48.55	\$9,638	533							\$ 9,638	\$ 4,564	\$ 5,074
7/26/2020	18	718.885	173.89	\$35.19	\$6,119	545							\$ 6,119	\$ 3,308	\$ 2,811
7/26/2020	19	697.524	153.52	\$32.10	\$4,928	544							\$ 4,928	\$ 3,017	\$ 1,911
7/26/2020	20	683.76	115.76	\$28.45	\$3,293	568							\$ 3,293	\$ 2,674	\$ 619
7/26/2020	21	647.422	50.42	\$24.04	\$1,212	597							\$ 1,212	\$ 1,212	\$ -
7/26/2020	22	605.244	2.24	\$21.06	\$47	603							\$ 47	\$ 47	\$ -
7/26/2020	23	564.819	0	\$0.00	\$0	578							\$ -	\$ -	\$ -
7/27/2020	0	533.418	28.42	\$17.07	\$485	505							\$ 485	\$ 485	\$ -
7/27/2020	1	511.152	104.15	\$15.03	\$1,565	407							\$ 1,565	\$ 1,413	\$ 153
7/27/2020	2	496.112	177.11	\$14.36	\$2,543	319							\$ 2,543	\$ 1,350	\$ 1,193
7/27/2020	3	488.422	167.42	\$14.10	\$2,361	321							\$ 2,361	\$ 1,325	\$ 1,035
7/27/2020	4	497.113	172.11	\$15.00	\$2,582	325							\$ 2,582	\$ 1,410	\$ 1,172
7/27/2020	5	518.591	143.59	\$16.42	\$2,358	375							\$ 2,358	\$ 1,543	\$ 814
7/27/2020	6	545.719	63.72	\$19.12	\$1,218	482							\$ 1,218	\$ 1,218	\$ -
7/27/2020	7	590.334	14.33	\$20.83	\$298	576							\$ 298	\$ 298	\$ -
7/27/2020	8	636.453	33.45	\$23.56	\$788	603							\$ 788	\$ 788	\$ -
7/27/2020	9	680.532	78.53	\$29.28	\$2,299	602							\$ 2,299	\$ 2,299	\$ -
7/27/2020	10	720.709	117.71	\$37.94	\$4,466	603							\$ 4,466	\$ 3,566	\$ 900
7/27/2020	11	748.92	143.92	\$45.59	\$6,561	603					1	1	\$ 6,561	\$ 4,285	\$ 2,276
7/27/2020	12	759.427	0	\$0.00	\$0	604	50	52	50	44	50	51	\$ -	\$ -	\$ -
7/27/2020	13	706.111	0	\$0.00	\$0	603	68	72	68	69	67	67	\$ -	\$ -	\$ -
7/27/2020	14	669.81	0	\$0.00	\$0	602	70	74	70	73	68	70	\$ -	\$ -	\$ -
7/27/2020	15	706.175	0	\$0.00	\$0	604	54	54	53	52	51	52	\$ -	\$ -	\$ -
7/27/2020	16	737.016	99.02	\$55.55	\$5,501	604	6	6	6	6	5	5	\$ 5,501	\$ 5,222	\$ 279
7/27/2020	17	696.893	84.89	\$42.95	\$3,646	605		1	1	1	2	2	\$ 3,646	\$ 3,646	\$ -
7/27/2020	18	633.925	2.93	\$33.96	\$100	605	3	6	4	4	4	5	\$ 100	\$ 100	\$ -
7/27/2020	19	614.442	26.44	\$28.37	\$750	588							\$ 750	\$ 750	\$ -
7/27/2020	20	604.779	0	\$0.00	\$0	605							\$ -	\$ -	\$ -
7/27/2020	21	573.535	0	\$0.00	\$0	605							\$ -	\$ -	\$ -
7/27/2020	22	534.998			\$0	604							\$ -	\$ -	\$ -
7/27/2020	23	501.445			\$0	605							\$ -	\$ -	\$ -

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)			
							East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6		
7/28/2020	0	478.943	0	\$0.00	\$0	605							\$	-	\$	-	\$	-
7/28/2020	1	464.768	0	\$0.00	\$0	560							\$	-	\$	-	\$	-
7/28/2020	2	455.696	22.7	\$15.14	\$344	433							\$	344	\$	344	\$	-
7/28/2020	3	457.824	132.82	\$14.85	\$1,972	325							\$	1,972	\$	1,396	\$	576
7/28/2020	4	472.582	161.58	\$15.82	\$2,556	311							\$	2,556	\$	1,487	\$	1,069
7/28/2020	5	498.143	155.14	\$16.68	\$2,588	343							\$	2,588	\$	1,568	\$	1,020
7/28/2020	6	521.294	102.29	\$19.19	\$1,963	419							\$	1,963	\$	1,804	\$	159
7/28/2020	7	562.079	33.08	\$20.51	\$678	529							\$	678	\$	678	\$	-
7/28/2020	8	593.25		\$0	\$0	596							\$	-	\$	-	\$	-
7/28/2020	9	623.588	19.59	\$25.04	\$491	604							\$	491	\$	491	\$	-
7/28/2020	10	646.285	59.29	\$27.34	\$1,621	587							\$	1,621	\$	1,621	\$	-
7/28/2020	11	669.882	64.88	\$31.71	\$2,057	605							\$	2,057	\$	2,057	\$	-
7/28/2020	12	689.479	83.48	\$34.98	\$2,920	606							\$	2,920	\$	2,920	\$	-
7/28/2020	13	703.232	98.23	\$34.82	\$3,420	605							\$	3,420	\$	3,273	\$	147
7/28/2020	14	712.132	107.13	\$33.88	\$3,630	605							\$	3,630	\$	3,185	\$	445
7/28/2020	15	721.969	117.97	\$45.12	\$5,323	604							\$	5,323	\$	4,241	\$	1,082
7/28/2020	16	726.924	122.92	\$42.86	\$5,268	604							\$	5,268	\$	4,029	\$	1,240
7/28/2020	17	717.209	111.21	\$32.59	\$3,624	606							\$	3,624	\$	3,063	\$	561
7/28/2020	18	701.615	96.62	\$27.21	\$2,629	605							\$	2,629	\$	2,558	\$	71
7/28/2020	19	667.191	63.19	\$25.32	\$1,600	604							\$	1,600	\$	1,600	\$	-
7/28/2020	20	642.565	37.57	\$24.10	\$905	605							\$	905	\$	905	\$	-
7/28/2020	21	600.468		\$0	\$0	605							\$	-	\$	-	\$	-
7/28/2020	22	546.093		\$0	\$0	605							\$	-	\$	-	\$	-
7/28/2020	23	503.691	0	\$0.00	\$0	586							\$	-	\$	-	\$	-
7/29/2020	0	472.358	6.36	\$16.54	\$105	466							\$	105	\$	105	\$	-
7/29/2020	1	450.345	91.35	\$14.82	\$1,354	359							\$	1,354	\$	1,354	\$	-
7/29/2020	2	439.079	128.08	\$13.93	\$1,784	311							\$	1,784	\$	1,309	\$	475
7/29/2020	3	434.281	123.28	\$13.74	\$1,694	311							\$	1,694	\$	1,292	\$	402
7/29/2020	4	441.971	130.97	\$14.62	\$1,915	311							\$	1,915	\$	1,374	\$	541
7/29/2020	5	462.507	152.51	\$16.09	\$2,454	310							\$	2,454	\$	1,512	\$	941
7/29/2020	6	486.896	131.9	\$18.06	\$2,382	355							\$	2,382	\$	1,698	\$	684
7/29/2020	7	531.9	99.9	\$18.74	\$1,872	432							\$	1,872	\$	1,762	\$	111
7/29/2020	8	577.789	10.79	\$21.75	\$235	567							\$	235	\$	235	\$	-
7/29/2020	9	619.971	17.97	\$24.68	\$443	602							\$	443	\$	443	\$	-
7/29/2020	10	657.241	54.24	\$27.53	\$1,493	603							\$	1,493	\$	1,493	\$	-
7/29/2020	11	689.533	50.53	\$34.82	\$1,759	603	10	6	3	4	9	4	\$	1,759	\$	1,759	\$	-
7/29/2020	12	716.858	0	\$0.00	\$0	586	58	60	57	59	57	56	\$	-	\$	-	\$	-
7/29/2020	13	737.61	0	\$0.00	\$0	604	35	36	36	36	36	36	\$	-	\$	-	\$	-
7/29/2020	14	750.383	0	\$0.00	\$0	603	34	35	34	34	34	35	\$	-	\$	-	\$	-
7/29/2020	15	758.99	0	\$0.00	\$0	605	57	58	57	57	56	57	\$	-	\$	-	\$	-
7/29/2020	16	763.676	0	\$0.00	\$0	604	73	77	74	74	70	72	\$	-	\$	-	\$	-
7/29/2020	17	759.858	0	\$0.00	\$0	605	68	72	67	70	68	68	\$	-	\$	-	\$	-
7/29/2020	18	739.594	0	\$0.00	\$0	605	22	23	23	23	23	24	\$	-	\$	-	\$	-
7/29/2020	19	707.427	69.43	\$27.96	\$1,941	601	5	5	5	7	8	7	\$	1,941	\$	1,941	\$	-
7/29/2020	20	687.786	84.79	\$26.63	\$2,258	603							\$	2,258	\$	2,258	\$	-
7/29/2020	21	645.634	42.63	\$22.22	\$947	603							\$	947	\$	947	\$	-
7/29/2020	22	598.396		\$0	\$0	603							\$	-	\$	-	\$	-
7/29/2020	23	558.106		\$0	\$0	582							\$	-	\$	-	\$	-
7/30/2020	0	527.645	18.65	\$17.16	\$320	509							\$	320	\$	320	\$	-
7/30/2020	1	501.426	112.43	\$15.97	\$1,796	389							\$	1,796	\$	1,501	\$	294
7/30/2020	2	488.286	176.29	\$14.71	\$2,593	312							\$	2,593	\$	1,383	\$	1,210
7/30/2020	3	482.628	172.63	\$14.54	\$2,510	310							\$	2,510	\$	1,367	\$	1,143
7/30/2020	4	491.337	181.34	\$15.77	\$2,860	310							\$	2,860	\$	1,482	\$	1,377
7/30/2020	5	510.869	201.87	\$16.73	\$3,377	309							\$	3,377	\$	1,573	\$	1,805
7/30/2020	6	530.404	220.4	\$19.09	\$4,207	310							\$	4,207	\$	1,794	\$	2,413
7/30/2020	7	559.604	203.6	\$20.01	\$4,074	356							\$	4,074	\$	1,881	\$	2,193

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
7/30/2020	8	579.253	115.25	\$23.26	\$2,681	464							\$ 2,681	\$ 2,186	\$ 494
7/30/2020	9	585.738	2.74	\$25.98	\$71	583							\$ 71	\$ 71	\$ -
7/30/2020	10	576.665	0	\$0.00	\$0	600							\$ -	\$ -	\$ -
7/30/2020	11	574.145	0	\$0.00	\$0	600							\$ -	\$ -	\$ -
7/30/2020	12	570.898	0	\$0.00	\$0	603							\$ -	\$ -	\$ -
7/30/2020	13	568.821	0	\$0.00	\$0	602							\$ -	\$ -	\$ -
7/30/2020	14	557.928	0	\$0.00	\$0	602							\$ -	\$ -	\$ -
7/30/2020	15	541.505	0	\$0.00	\$0	602							\$ -	\$ -	\$ -
7/30/2020	16	537.848	0	\$0.00	\$0	603							\$ -	\$ -	\$ -
7/30/2020	17	531.248	0	\$0.00	\$0	603							\$ -	\$ -	\$ -
7/30/2020	18	520.47	0	\$0.00	\$0	604							\$ -	\$ -	\$ -
7/30/2020	19	515.605			\$0	603							\$ -	\$ -	\$ -
7/30/2020	20	516.562			\$0	601							\$ -	\$ -	\$ -
7/30/2020	21	496.74			\$0	603							\$ -	\$ -	\$ -
7/30/2020	22	468.952			\$0	584							\$ -	\$ -	\$ -
7/30/2020	23	444.53			\$0	507							\$ -	\$ -	\$ -
7/31/2020	0	424.152	33.15	\$16.77	\$556	391							\$ 556	\$ 556	\$ -
7/31/2020	1	412.776	94.78	\$15.77	\$1,495	318							\$ 1,495	\$ 1,482	\$ 12
7/31/2020	2	407.114	97.11	\$14.99	\$1,456	310							\$ 1,456	\$ 1,409	\$ 47
7/31/2020	3	408.206	97.21	\$14.99	\$1,457	311							\$ 1,457	\$ 1,409	\$ 48
7/31/2020	4	419.93	94.93	\$16.21	\$1,539	325							\$ 1,539	\$ 1,524	\$ 15
7/31/2020	5	444.496	133.5	\$17.07	\$2,279	311							\$ 2,279	\$ 1,605	\$ 674
7/31/2020	6	465.82	88.82	\$18.50	\$1,643	377							\$ 1,643	\$ 1,643	\$ -
7/31/2020	7	494.049	91.05	\$19.24	\$1,752	403							\$ 1,752	\$ 1,752	\$ -
7/31/2020	8	517.566	1.57	\$21.34	\$34	516							\$ 34	\$ 34	\$ -
7/31/2020	9	543.303			\$0	551							\$ -	\$ -	\$ -
7/31/2020	10	562.857			\$0	593							\$ -	\$ -	\$ -
7/31/2020	11	581.645			\$0	603							\$ -	\$ -	\$ -
7/31/2020	12	602.225			\$0	603							\$ -	\$ -	\$ -
7/31/2020	13	610.887	5.89	\$27.34	\$161	605							\$ 161	\$ 161	\$ -
7/31/2020	14	613.817	8.82	\$27.98	\$247	605							\$ 247	\$ 247	\$ -
7/31/2020	15	605.897	1.9	\$30.02	\$57	604							\$ 57	\$ 57	\$ -
7/31/2020	16	601.877	14.88	\$29.38	\$437	587							\$ 437	\$ 437	\$ -
7/31/2020	17	591.274			\$0	606							\$ -	\$ -	\$ -
7/31/2020	18	574.554			\$0	604							\$ -	\$ -	\$ -
7/31/2020	19	563.723			\$0	604							\$ -	\$ -	\$ -
7/31/2020	20	561.738			\$0	604							\$ -	\$ -	\$ -
7/31/2020	21	540.163			\$0	601							\$ -	\$ -	\$ -
7/31/2020	22	509.902	0	\$0.00	\$0	548							\$ -	\$ -	\$ -
7/31/2020	23	477.597	20.6	\$16.27	\$335	457							\$ 335	\$ 335	\$ -
8/1/2020	0	453.488	101.49	\$14.86	\$1,508	352							\$ 1,508	\$ 1,397	\$ 111
8/1/2020	1	434.002	124	\$13.94	\$1,729	310							\$ 1,729	\$ 1,310	\$ 418
8/1/2020	2	422.313	113.31	\$13.12	\$1,487	309							\$ 1,487	\$ 1,233	\$ 253
8/1/2020	3	415.389	86.39	\$12.57	\$1,086	329							\$ 1,086	\$ 1,086	\$ -
8/1/2020	4	417.42	68.42	\$12.65	\$866	349							\$ 866	\$ 866	\$ -
8/1/2020	5	422.42	75.42	\$12.83	\$968	347							\$ 968	\$ 968	\$ -
8/1/2020	6	428.274	80.27	\$13.34	\$1,071	348							\$ 1,071	\$ 1,071	\$ -
8/1/2020	7	452.036	137.04	\$15.40	\$2,110	315							\$ 2,110	\$ 1,448	\$ 663
8/1/2020	8	489.333	142.33	\$18.26	\$2,599	347							\$ 2,599	\$ 1,716	\$ 883
8/1/2020	9	528.187	99.19	\$19.51	\$1,935	429							\$ 1,935	\$ 1,834	\$ 101
8/1/2020	10	554.119	77.12	\$21.20	\$1,635	477							\$ 1,635	\$ 1,635	\$ -
8/1/2020	11	569.478			\$0	601							\$ -	\$ -	\$ -
8/1/2020	12	592.96			\$0	605							\$ -	\$ -	\$ -
8/1/2020	13	605.65	3.65	\$27.01	\$99	602							\$ 99	\$ 99	\$ -
8/1/2020	14	623.264	20.26	\$26.58	\$539	603							\$ 539	\$ 539	\$ -
8/1/2020	15	623.139	22.14	\$32.60	\$722	601							\$ 722	\$ 722	\$ -



Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
8/1/2020	16	595.512			\$0	604							\$ -	\$ -	\$ -
8/1/2020	17	590.807			\$0	603							\$ -	\$ -	\$ -
8/1/2020	18	559.409			\$0	603							\$ -	\$ -	\$ -
8/1/2020	19	539.551			\$0	596							\$ -	\$ -	\$ -
8/1/2020	20	526.918			\$0	602							\$ -	\$ -	\$ -
8/1/2020	21	500.352			\$0	604							\$ -	\$ -	\$ -
8/1/2020	22	471.927	0	\$0.00	\$0	604							\$ -	\$ -	\$ -
8/1/2020	23	447.142	0	\$0.00	\$0	602							\$ -	\$ -	\$ -
8/2/2020	0	426.73	0	\$0.00	\$0	544							\$ -	\$ -	\$ -
8/2/2020	1	412.3	0	\$0.00	\$0	427							\$ -	\$ -	\$ -
8/2/2020	2	403.724	64.72	\$14.02	\$907	339							\$ 907	\$ 907	\$ -
8/2/2020	3	395.072	85.07	\$13.41	\$1,141	310							\$ 1,141	\$ 1,141	\$ -
8/2/2020	4	388.14	78.14	\$12.87	\$1,006	310							\$ 1,006	\$ 1,006	\$ -
8/2/2020	5	386.239	75.24	\$12.34	\$928	311							\$ 928	\$ 928	\$ -
8/2/2020	6	385.181	51.18	\$12.84	\$657	334							\$ 657	\$ 657	\$ -
8/2/2020	7	394.06	45.06	\$14.21	\$640	349							\$ 640	\$ 640	\$ -
8/2/2020	8	408.736	60.74	\$16.76	\$1,018	348							\$ 1,018	\$ 1,018	\$ -
8/2/2020	9	424.415	75.42	\$19.22	\$1,450	349							\$ 1,450	\$ 1,450	\$ -
8/2/2020	10	441.126	53.13	\$20.82	\$1,106	388							\$ 1,106	\$ 1,106	\$ -
8/2/2020	11	471.377	13.38	\$22.24	\$298	458							\$ 298	\$ 298	\$ -
8/2/2020	12	497.611			\$0	559							\$ -	\$ -	\$ -
8/2/2020	13	511.451			\$0	602							\$ -	\$ -	\$ -
8/2/2020	14	530.388			\$0	590							\$ -	\$ -	\$ -
8/2/2020	15	548.976			\$0	587							\$ -	\$ -	\$ -
8/2/2020	16	568.674			\$0	603							\$ -	\$ -	\$ -
8/2/2020	17	573.667			\$0	595							\$ -	\$ -	\$ -
8/2/2020	18	560.755			\$0	594							\$ -	\$ -	\$ -
8/2/2020	19	538.096			\$0	600							\$ -	\$ -	\$ -
8/2/2020	20	531.196			\$0	604							\$ -	\$ -	\$ -
8/2/2020	21	504.569			\$0	601							\$ -	\$ -	\$ -
8/2/2020	22	466.28			\$0	549							\$ -	\$ -	\$ -
8/2/2020	23	433.686	0	\$0.00	\$0	483							\$ -	\$ -	\$ -
8/3/2020	0	408.511	0	\$0.00	\$0	417							\$ -	\$ -	\$ -
8/3/2020	1	395.196	49.2	\$14.69	\$723	346							\$ 723	\$ 723	\$ -
8/3/2020	2	389.512	79.51	\$13.54	\$1,077	310							\$ 1,077	\$ 1,077	\$ -
8/3/2020	3	392.524	84.52	\$13.62	\$1,151	308							\$ 1,151	\$ 1,151	\$ -
8/3/2020	4	406.425	96.43	\$14.44	\$1,392	310							\$ 1,392	\$ 1,357	\$ 35
8/3/2020	5	434.136	124.14	\$15.72	\$1,951	310							\$ 1,951	\$ 1,478	\$ 474
8/3/2020	6	454.621	144.62	\$17.72	\$2,563	310							\$ 2,563	\$ 1,666	\$ 897
8/3/2020	7	486.943	161.94	\$18.21	\$2,949	325							\$ 2,949	\$ 1,712	\$ 1,237
8/3/2020	8	527.111	145.11	\$20.86	\$3,027	382							\$ 3,027	\$ 1,961	\$ 1,066
8/3/2020	9	548.186	38.19	\$22.68	\$866	510							\$ 866	\$ 866	\$ -
8/3/2020	10	578.385			\$0	591							\$ -	\$ -	\$ -
8/3/2020	11	609.794	6.79	\$25.36	\$172	603							\$ 172	\$ 172	\$ -
8/3/2020	12	618.739	31.74	\$25.86	\$821	587							\$ 821	\$ 821	\$ -
8/3/2020	13	629.707	28.71	\$27.45	\$788	601							\$ 788	\$ 788	\$ -
8/3/2020	14	649.464	46.46	\$28.33	\$1,316	603							\$ 1,316	\$ 1,316	\$ -
8/3/2020	15	658.271	55.27	\$31.74	\$1,754	603							\$ 1,754	\$ 1,754	\$ -
8/3/2020	16	670.032	70.03	\$28.90	\$2,024	600							\$ 2,024	\$ 2,024	\$ -
8/3/2020	17	636.531	34.53	\$25.03	\$864	602							\$ 864	\$ 864	\$ -
8/3/2020	18	584.333	0	\$0.00	\$0	603							\$ -	\$ -	\$ -
8/3/2020	19	552.711			\$0	603							\$ -	\$ -	\$ -
8/3/2020	20	541.997			\$0	603							\$ -	\$ -	\$ -
8/3/2020	21	507.182			\$0	584							\$ -	\$ -	\$ -
8/3/2020	22	468.326	0	\$0.00	\$0	488							\$ -	\$ -	\$ -
8/3/2020	23	434.931	41.93	\$15.87	\$665	393							\$ 665	\$ 665	\$ -

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)	
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6
8/4/2020	0	412.393	54.39	\$14.20	\$772	358							\$ 772	\$ 772	\$ -
8/4/2020	1	395.652	38.65	\$12.89	\$498	357							\$ 498	\$ 498	\$ -
8/4/2020	2	386.709	27.71	\$12.70	\$352	359							\$ 352	\$ 352	\$ -
8/4/2020	3	385.703	27.7	\$12.65	\$350	358							\$ 350	\$ 350	\$ -
8/4/2020	4	399.578	40.58	\$13.98	\$567	359							\$ 567	\$ 567	\$ -
8/4/2020	5	428.198	0	\$0.00	\$0	432							\$ -	\$ -	\$ -
8/4/2020	6	452.654			\$0	568							\$ -	\$ -	\$ -
8/4/2020	7	471.243			\$0	603							\$ -	\$ -	\$ -
8/4/2020	8	490.609			\$0	602							\$ -	\$ -	\$ -
8/4/2020	9	505.985			\$0	604							\$ -	\$ -	\$ -
8/4/2020	10	525.732			\$0	604							\$ -	\$ -	\$ -
8/4/2020	11	550.407			\$0	604							\$ -	\$ -	\$ -
8/4/2020	12	566.221			\$0	602							\$ -	\$ -	\$ -
8/4/2020	13	575.927			\$0	603							\$ -	\$ -	\$ -
8/4/2020	14	583.783			\$0	603							\$ -	\$ -	\$ -
8/4/2020	15	596.572			\$0	605							\$ -	\$ -	\$ -
8/4/2020	16	600.484			\$0	604							\$ -	\$ -	\$ -
8/4/2020	17	595.586			\$0	604							\$ -	\$ -	\$ -
8/4/2020	18	574.008			\$0	605							\$ -	\$ -	\$ -
8/4/2020	19	546.375			\$0	603							\$ -	\$ -	\$ -
8/4/2020	20	533.568			\$0	586							\$ -	\$ -	\$ -
8/4/2020	21	501.405	0	\$0.00	\$0	601							\$ -	\$ -	\$ -
8/4/2020	22	458.441	0	\$0.00	\$0	604							\$ -	\$ -	\$ -
8/4/2020	23	425.075	0	\$0.00	\$0	554							\$ -	\$ -	\$ -
8/5/2020	0	398.657	0	\$0.00	\$0	443							\$ -	\$ -	\$ -
8/5/2020	1	382.094	15.09	\$12.89	\$195	367							\$ 195	\$ 195	\$ -
8/5/2020	2	371.321	14.32	\$12.30	\$176	357							\$ 176	\$ 176	\$ -
8/5/2020	3	366.328	9.33	\$12.01	\$112	357							\$ 112	\$ 112	\$ -
8/5/2020	4	375.244	14.24	\$13.11	\$187	361							\$ 187	\$ 187	\$ -
8/5/2020	5	397.804	0	\$0.00	\$0	459							\$ -	\$ -	\$ -
8/5/2020	6	414.436			\$0	576							\$ -	\$ -	\$ -
8/5/2020	7	437.99			\$0	600							\$ -	\$ -	\$ -
8/5/2020	8	464.525			\$0	603							\$ -	\$ -	\$ -
8/5/2020	9	491.956			\$0	604							\$ -	\$ -	\$ -
8/5/2020	10	510.639			\$0	603							\$ -	\$ -	\$ -
8/5/2020	11	535.33			\$0	600							\$ -	\$ -	\$ -
8/5/2020	12	550.968			\$0	603							\$ -	\$ -	\$ -
8/5/2020	13	566.455			\$0	603							\$ -	\$ -	\$ -
8/5/2020	14	577.777			\$0	586							\$ -	\$ -	\$ -
8/5/2020	15	583.425			\$0	603							\$ -	\$ -	\$ -
8/5/2020	16	584.286			\$0	605							\$ -	\$ -	\$ -
8/5/2020	17	585.259			\$0	603							\$ -	\$ -	\$ -
8/5/2020	18	565.719			\$0	603							\$ -	\$ -	\$ -
8/5/2020	19	536.14			\$0	592							\$ -	\$ -	\$ -
8/5/2020	20	527.325			\$0	595							\$ -	\$ -	\$ -
8/5/2020	21	493.064			\$0	562							\$ -	\$ -	\$ -
8/5/2020	22	451.088	0	\$0.00	\$0	465							\$ -	\$ -	\$ -
8/5/2020	23	419.96	25.96	\$15.27	\$396	394							\$ 396	\$ 396	\$ -
8/6/2020	0	396.519	38.52	\$14.20	\$547	358							\$ 547	\$ 547	\$ -
8/6/2020	1	380.933	24.93	\$13.78	\$344	356							\$ 344	\$ 344	\$ -
8/6/2020	2	373.112	16.11	\$13.52	\$218	357							\$ 218	\$ 218	\$ -
8/6/2020	3	371.117	14.12	\$13.51	\$191	357							\$ 191	\$ 191	\$ -
8/6/2020	4	383.902	26.9	\$14.44	\$388	357							\$ 388	\$ 388	\$ -
8/6/2020	5	406.518	49.52	\$15.24	\$755	357							\$ 755	\$ 755	\$ -
8/6/2020	6	424.208	66.21	\$16.01	\$1,060	358							\$ 1,060	\$ 1,060	\$ -
8/6/2020	7	448.906	91.91	\$17.75	\$1,631	357							\$ 1,631	\$ 1,631	\$ -

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
8/6/2020	8	472.355	119.36	\$19.15	\$2,286	353							\$ 2,286	\$ 1,800	\$ 486
8/6/2020	9	495.641	33.64	\$21.25	\$715	462							\$ 715	\$ 715	\$ -
8/6/2020	10	517.832			\$0	572							\$ -	\$ -	\$ -
8/6/2020	11	546.19			\$0	604							\$ -	\$ -	\$ -
8/6/2020	12	568.805			\$0	604							\$ -	\$ -	\$ -
8/6/2020	13	580.586			\$0	602							\$ -	\$ -	\$ -
8/6/2020	14	583.575			\$0	605							\$ -	\$ -	\$ -
8/6/2020	15	582.551			\$0	604							\$ -	\$ -	\$ -
8/6/2020	16	583.62			\$0	605							\$ -	\$ -	\$ -
8/6/2020	17	577.832			\$0	605							\$ -	\$ -	\$ -
8/6/2020	18	560.255			\$0	602							\$ -	\$ -	\$ -
8/6/2020	19	542.445			\$0	604							\$ -	\$ -	\$ -
8/6/2020	20	534.48			\$0	605							\$ -	\$ -	\$ -
8/6/2020	21	501.959			\$0	556							\$ -	\$ -	\$ -
8/6/2020	22	462.603	0	\$0.00	\$0	488							\$ -	\$ -	\$ -
8/6/2020	23	429.18	37.18	\$15.28	\$568	392							\$ 568	\$ 568	\$ -
8/7/2020	0	406.098	49.1	\$14.37	\$706	357							\$ 706	\$ 706	\$ -
8/7/2020	1	390.68	33.68	\$13.96	\$470	357							\$ 470	\$ 470	\$ -
8/7/2020	2	380.016	23.02	\$13.41	\$309	357							\$ 309	\$ 309	\$ -
8/7/2020	3	379.104	21.1	\$13.43	\$283	358							\$ 283	\$ 283	\$ -
8/7/2020	4	388.896	30.9	\$14.22	\$439	358							\$ 439	\$ 439	\$ -
8/7/2020	5	413.429	55.43	\$15.09	\$836	358							\$ 836	\$ 836	\$ -
8/7/2020	6	431.283	73.28	\$16.07	\$1,178	358							\$ 1,178	\$ 1,178	\$ -
8/7/2020	7	457.656	95.66	\$18.24	\$1,745	362							\$ 1,745	\$ 1,715	\$ 30
8/7/2020	8	491.789	96.79	\$20.13	\$1,948	395							\$ 1,948	\$ 1,892	\$ 56
8/7/2020	9	524.849	33.85	\$21.95	\$743	491							\$ 743	\$ 743	\$ -
8/7/2020	10	550.237			\$0	585							\$ -	\$ -	\$ -
8/7/2020	11	568.856			\$0	604							\$ -	\$ -	\$ -
8/7/2020	12	578.647			\$0	605							\$ -	\$ -	\$ -
8/7/2020	13	594.505			\$0	606							\$ -	\$ -	\$ -
8/7/2020	14	599.556			\$0	604							\$ -	\$ -	\$ -
8/7/2020	15	603.458			\$0	605							\$ -	\$ -	\$ -
8/7/2020	16	608.445	3.45	\$34.22	\$118	605							\$ 118	\$ 118	\$ -
8/7/2020	17	602.501			\$0	605							\$ -	\$ -	\$ -
8/7/2020	18	579.941			\$0	602							\$ -	\$ -	\$ -
8/7/2020	19	553.238			\$0	605							\$ -	\$ -	\$ -
8/7/2020	20	537.402			\$0	604							\$ -	\$ -	\$ -
8/7/2020	21	499.964			\$0	585							\$ -	\$ -	\$ -
8/7/2020	22	463.514	0	\$0.00	\$0	601							\$ -	\$ -	\$ -
8/7/2020	23	427.199	0	\$0.00	\$0	617							\$ -	\$ -	\$ -
8/8/2020	0	401.3	0	\$0.00	\$0	576							\$ -	\$ -	\$ -
8/8/2020	1	383.079	0	\$0.00	\$0	433							\$ -	\$ -	\$ -
8/8/2020	2	370.257	0	\$0.00	\$0	392							\$ -	\$ -	\$ -
8/8/2020	3	364.317	1.32	\$12.65	\$17	363							\$ 17	\$ 17	\$ -
8/8/2020	4	366.289	7.29	\$12.53	\$91	359							\$ 91	\$ 91	\$ -
8/8/2020	5	370.259	11.26	\$12.41	\$140	359							\$ 140	\$ 140	\$ -
8/8/2020	6	373.244	15.24	\$13.34	\$203	358							\$ 203	\$ 203	\$ -
8/8/2020	7	404.91	47.91	\$14.10	\$676	357							\$ 676	\$ 676	\$ -
8/8/2020	8	445.313	75.31	\$16.88	\$1,271	370							\$ 1,271	\$ 1,271	\$ -
8/8/2020	9	484.473	62.47	\$18.54	\$1,158	422							\$ 1,158	\$ 1,158	\$ -
8/8/2020	10	515.49			\$0	523							\$ -	\$ -	\$ -
8/8/2020	11	540.742			\$0	587							\$ -	\$ -	\$ -
8/8/2020	12	559.353			\$0	603							\$ -	\$ -	\$ -
8/8/2020	13	574.136			\$0	603							\$ -	\$ -	\$ -
8/8/2020	14	594.967			\$0	604							\$ -	\$ -	\$ -
8/8/2020	15	614.56	9.56	\$33.39	\$319	605							\$ 319	\$ 319	\$ -

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Demand (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)		
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6	
8/8/2020	16	626.364	38.36	\$36.56	\$1,402	588							\$ 1,402	\$ 1,402	\$ -	
8/8/2020	17	622.561	19.56	\$28.62	\$560	603							\$ 560	\$ 560	\$ -	
8/8/2020	18	599.957			\$0	603							\$ -	\$ -	\$ -	
8/8/2020	19	568.521			\$0	604							\$ -	\$ -	\$ -	
8/8/2020	20	548.701			\$0	604							\$ -	\$ -	\$ -	
8/8/2020	21	513.228			\$0	603							\$ -	\$ -	\$ -	
8/8/2020	22	475.745	0	\$0.00	\$0	602							\$ -	\$ -	\$ -	
8/8/2020	23	439.662	0	\$0.00	\$0	603							\$ -	\$ -	\$ -	
8/9/2020	0	410.486	0	\$0.00	\$0	581							\$ -	\$ -	\$ -	
8/9/2020	1	391.166	0	\$0.00	\$0	506							\$ -	\$ -	\$ -	
8/9/2020	2	376.425	0	\$0.00	\$0	406							\$ -	\$ -	\$ -	
8/9/2020	3	368.564	8.56	\$11.68	\$100	360							\$ 100	\$ 100	\$ -	
8/9/2020	4	363.569	5.57	\$12.09	\$67	358							\$ 67	\$ 67	\$ -	
8/9/2020	5	363.55	5.55	\$11.21	\$62	358							\$ 62	\$ 62	\$ -	
8/9/2020	6	366.451	10.45	\$12.30	\$129	356							\$ 129	\$ 129	\$ -	
8/9/2020	7	403.087	45.09	\$13.46	\$607	358							\$ 607	\$ 607	\$ -	
8/9/2020	8	451.43	85.43	\$16.73	\$1,429	366							\$ 1,429	\$ 1,429	\$ -	
8/9/2020	9	498.447	111.45	\$19.59	\$2,183	387							\$ 2,183	\$ 1,841	\$ 342	
8/9/2020	10	542.373	47.37	\$22.12	\$1,048	495							\$ 1,048	\$ 1,048	\$ -	
8/9/2020	11	577.166	5.17	\$24.01	\$124	572							\$ 124	\$ 124	\$ -	
8/9/2020	12	603.739	4.74	\$25.80	\$122	599							\$ 122	\$ 122	\$ -	
8/9/2020	13	622.382	18.38	\$28.56	\$525	604							\$ 525	\$ 525	\$ -	
8/9/2020	14	641.851	39.85	\$31.16	\$1,242	602							\$ 1,242	\$ 1,242	\$ -	
8/9/2020	15	663.435	61.44	\$38.89	\$2,389	602							\$ 2,389	\$ 2,389	\$ -	
8/9/2020	16	676.103	72.1	\$43.26	\$3,119	604							\$ 3,119	\$ 3,119	\$ -	
8/9/2020	17	679.09	79.09	\$35.85	\$2,835	600							\$ 2,835	\$ 2,835	\$ -	
8/9/2020	18	666.489	65.49	\$28.89	\$1,892	601							\$ 1,892	\$ 1,892	\$ -	
8/9/2020	19	640.998	39	\$25.03	\$976	602							\$ 976	\$ 976	\$ -	
8/9/2020	20	622.425	20.43	\$23.35	\$477	602							\$ 477	\$ 477	\$ -	
8/9/2020	21	583.04			\$0	602							\$ -	\$ -	\$ -	
8/9/2020	22	539.664			\$0	600							\$ -	\$ -	\$ -	
8/9/2020	23	503.191	0	\$0.00	\$0	602							\$ -	\$ -	\$ -	
8/10/2020	0	475.923	0	\$0.00	\$0	602							\$ -	\$ -	\$ -	
8/10/2020	1	453.622	0	\$0.00	\$0	601							\$ -	\$ -	\$ -	
8/10/2020	2	441.123	0	\$0.00	\$0	600							\$ -	\$ -	\$ -	
8/10/2020	3	437.217	0	\$0.00	\$0	598							\$ -	\$ -	\$ -	
8/10/2020	4	443.012	0	\$0.00	\$0	603							\$ -	\$ -	\$ -	
8/10/2020	5	466.756	0	\$0.00	\$0	586							\$ -	\$ -	\$ -	
8/10/2020	6	495.267	0	\$0.00	\$0	598							\$ -	\$ -	\$ -	
8/10/2020	7	535.175			\$0	599							\$ -	\$ -	\$ -	
8/10/2020	8	580.094			\$0	602							\$ -	\$ -	\$ -	
8/10/2020	9	586.776			\$0	603							\$ -	\$ -	\$ -	
8/10/2020	10	580.849	0	\$0.00	\$0	602				1	1	2	\$ -	\$ -	\$ -	
8/10/2020	11	581.437	0	\$0.00	\$0	603		56	58	65	66	63	63	\$ -	\$ -	\$ -
8/10/2020	12	602.256	0	\$0.00	\$0	602	44	44	43	43	43	44	\$ -	\$ -	\$ -	
8/10/2020	13	641.532	0	\$0.00	\$0	604	67	69	67	68	66	67	\$ -	\$ -	\$ -	
8/10/2020	14	660.31	0	\$0.00	\$0	605	16	17	16	16	16	16	\$ -	\$ -	\$ -	
8/10/2020	15	681.697	32.7	\$54.52	\$1,783	605	6	8	8	7	7	8	\$ 1,783	\$ 1,783	\$ -	
8/10/2020	16	700.183	0	\$0.00	\$0	606	64	65	63	65	62	64	\$ -	\$ -	\$ -	
8/10/2020	17	701.547	0	\$0.00	\$0	602	68	71	67	67	68	67	\$ -	\$ -	\$ -	
8/10/2020	18	681.278	7.28	\$31.04	\$226	605	11	12	12	11	11	12	\$ 226	\$ 226	\$ -	
8/10/2020	19	657.479	18.48	\$28.40	\$525	606	5	5	6	5	6	6	\$ 525	\$ 525	\$ -	
8/10/2020	20	642.708	40.71	\$25.80	\$1,050	602							\$ 1,050	\$ 1,050	\$ -	
8/10/2020	21	599.498	11.5	\$23.17	\$266	588							\$ 266	\$ 266	\$ -	
8/10/2020	22	535.604			\$0	603							\$ -	\$ -	\$ -	
8/10/2020	23	491.302	0	\$0.00	\$0	603							\$ -	\$ -	\$ -	

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Demand (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)	
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6
8/11/2020	0	462.905	0	\$0.00	\$0	565							\$ -	\$ -	\$ -
8/11/2020	1	442.3	0	\$0.00	\$0	489							\$ -	\$ -	\$ -
8/11/2020	2	427.997	18	\$13.94	\$251	410							\$ 251	\$ 251	\$ -
8/11/2020	3	426.149	58.15	\$13.71	\$797	368							\$ 797	\$ 797	\$ -
8/11/2020	4	439.974	79.97	\$14.34	\$1,147	360							\$ 1,147	\$ 1,147	\$ -
8/11/2020	5	468.669	109.67	\$14.96	\$1,641	359							\$ 1,641	\$ 1,406	\$ 234
8/11/2020	6	487.255	129.26	\$19.42	\$2,510	358							\$ 2,510	\$ 1,825	\$ 685
8/11/2020	7	515.469	123.47	\$20.42	\$2,521	392							\$ 2,521	\$ 1,919	\$ 602
8/11/2020	8	532.73	11.73	\$23.10	\$271	521							\$ 271	\$ 271	\$ -
8/11/2020	9	555.216			\$0	599							\$ -	\$ -	\$ -
8/11/2020	10	583.706	0	\$0.00	\$0	601							\$ -	\$ -	\$ -
8/11/2020	11	615.112	11.11	\$35.82	\$398	604							\$ 398	\$ 398	\$ -
8/11/2020	12	645.635	42.64	\$40.95	\$1,746	603							\$ 1,746	\$ 1,746	\$ -
8/11/2020	13	671.251	69.25	\$48.55	\$3,362	602							\$ 3,362	\$ 3,362	\$ -
8/11/2020	14	688.038	82.04	\$45.81	\$3,758	606							\$ 3,758	\$ 3,758	\$ -
8/11/2020	15	694.822	89.82	\$59.73	\$5,365	605							\$ 5,365	\$ 5,365	\$ -
8/11/2020	16	696.752	92.75	\$50.83	\$4,714	604							\$ 4,714	\$ 4,714	\$ -
8/11/2020	17	695.853	92.85	\$34.83	\$3,234	603							\$ 3,234	\$ 3,234	\$ -
8/11/2020	18	679.22	74.22	\$28.35	\$2,104	605							\$ 2,104	\$ 2,104	\$ -
8/11/2020	19	653.501	49.5	\$27.48	\$1,360	604							\$ 1,360	\$ 1,360	\$ -
8/11/2020	20	633.93	29.93	\$24.86	\$744	604							\$ 744	\$ 744	\$ -
8/11/2020	21	589.798			\$0	603							\$ -	\$ -	\$ -
8/11/2020	22	541.43			\$0	586							\$ -	\$ -	\$ -
8/11/2020	23	506.135	0	\$0.00	\$0	603							\$ -	\$ -	\$ -
8/12/2020	0	475.656	0	\$0.00	\$0	572							\$ -	\$ -	\$ -
8/12/2020	1	453.159	0	\$0.00	\$0	472							\$ -	\$ -	\$ -
8/12/2020	2	437.828	63.83	\$15.97	\$1,019	374							\$ 1,019	\$ 1,019	\$ -
8/12/2020	3	432.956	73.96	\$16.14	\$1,194	359							\$ 1,194	\$ 1,194	\$ -
8/12/2020	4	441.468	44.47	\$16.56	\$736	397							\$ 736	\$ 736	\$ -
8/12/2020	5	467.885	30.89	\$17.97	\$555	437							\$ 555	\$ 555	\$ -
8/12/2020	6	489.468	101.47	\$18.67	\$1,894	388							\$ 1,894	\$ 1,755	\$ 139
8/12/2020	7	523.765	90.77	\$19.56	\$1,775	433							\$ 1,775	\$ 1,775	\$ -
8/12/2020	8	567.994	8.99	\$21.98	\$198	559							\$ 198	\$ 198	\$ -
8/12/2020	9	609.249	7.25	\$23.99	\$174	602							\$ 174	\$ 174	\$ -
8/12/2020	10	632.738	29.74	\$28.10	\$836	603							\$ 836	\$ 836	\$ -
8/12/2020	11	656.236	54.24	\$29.44	\$1,597	602							\$ 1,597	\$ 1,597	\$ -
8/12/2020	12	675.77	70.77	\$32.22	\$2,280	605							\$ 2,280	\$ 2,280	\$ -
8/12/2020	13	681.875	78.88	\$37.00	\$2,919	603							\$ 2,919	\$ 2,919	\$ -
8/12/2020	14	700.474	97.47	\$36.65	\$3,572	603							\$ 3,572	\$ 3,445	\$ 127
8/12/2020	15	705.36	101.36	\$47.22	\$4,786	604							\$ 4,786	\$ 4,439	\$ 348
8/12/2020	16	717.314	113.31	\$42.35	\$4,799	604							\$ 4,799	\$ 3,981	\$ 818
8/12/2020	17	705.771	99.77	\$32.12	\$3,205	606							\$ 3,205	\$ 3,019	\$ 185
8/12/2020	18	685.955	98.96	\$29.37	\$2,906	587							\$ 2,906	\$ 2,761	\$ 146
8/12/2020	19	666.381	62.38	\$27.09	\$1,690	604							\$ 1,690	\$ 1,690	\$ -
8/12/2020	20	650.761	47.76	\$23.96	\$1,144	603							\$ 1,144	\$ 1,144	\$ -
8/12/2020	21	610.46	15.46	\$21.41	\$331	595							\$ 331	\$ 331	\$ -
8/12/2020	22	567.124			\$0	606							\$ -	\$ -	\$ -
8/12/2020	23	528.703			\$0	591							\$ -	\$ -	\$ -
8/13/2020	0	501.066	0	\$0.00	\$0	600							\$ -	\$ -	\$ -
8/13/2020	1	474.778	0	\$0.00	\$0	527							\$ -	\$ -	\$ -
8/13/2020	2	458.422	28.42	\$16.20	\$460	430							\$ 460	\$ 460	\$ -
8/13/2020	3	452.843	84.84	\$16.41	\$1,392	368							\$ 1,392	\$ 1,392	\$ -
8/13/2020	4	457.609	55.61	\$17.36	\$965	402							\$ 965	\$ 965	\$ -
8/13/2020	5	484.886	32.89	\$18.16	\$597	452							\$ 597	\$ 597	\$ -
8/13/2020	6	506.219	62.22	\$19.33	\$1,203	444							\$ 1,203	\$ 1,203	\$ -
8/13/2020	7	544.38			\$0	557							\$ -	\$ -	\$ -

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)	
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6
8/13/2020	8	590.717	4.72	\$22.07	\$104	586							\$ 104	\$ 104	\$ -
8/13/2020	9	627.314	8.31	\$23.59	\$196	619							\$ 196	\$ 196	\$ -
8/13/2020	10	663.546	63.55	\$26.54	\$1,687	600							\$ 1,687	\$ 1,687	\$ -
8/13/2020	11	695.907	93.91	\$32.15	\$3,019	602							\$ 3,019	\$ 3,019	\$ -
8/13/2020	12	715.568	111.57	\$33.27	\$3,712	604							\$ 3,712	\$ 3,127	\$ 585
8/13/2020	13	735.164	132.16	\$37.21	\$4,918	603							\$ 4,918	\$ 3,498	\$ 1,420
8/13/2020	14	742.946	154.95	\$39.61	\$6,138	588							\$ 6,138	\$ 3,723	\$ 2,414
8/13/2020	15	742.863	137.86	\$45.31	\$6,246	605							\$ 6,246	\$ 4,259	\$ 1,987
8/13/2020	16	730.043	125.04	\$39.91	\$4,990	605							\$ 4,990	\$ 3,752	\$ 1,239
8/13/2020	17	714.44	110.44	\$31.03	\$3,427	604							\$ 3,427	\$ 2,917	\$ 510
8/13/2020	18	687.055	83.06	\$26.89	\$2,233	604							\$ 2,233	\$ 2,233	\$ -
8/13/2020	19	669.32	64.32	\$24.89	\$1,601	605							\$ 1,601	\$ 1,601	\$ -
8/13/2020	20	655.685	51.69	\$23.02	\$1,190	604							\$ 1,190	\$ 1,190	\$ -
8/13/2020	21	616.338	12.34	\$20.50	\$253	604							\$ 253	\$ 253	\$ -
8/13/2020	22	574.047			\$0	605							\$ -	\$ -	\$ -
8/13/2020	23	533.566			\$0	605							\$ -	\$ -	\$ -
8/14/2020	0	503.004	0	\$0.00	\$0	605							\$ -	\$ -	\$ -
8/14/2020	1	478.829	0	\$0.00	\$0	561							\$ -	\$ -	\$ -
8/14/2020	2	462.546	4.55	\$15.76	\$72	458							\$ 72	\$ 72	\$ -
8/14/2020	3	454.922	91.92	\$15.42	\$1,417	363							\$ 1,417	\$ 1,417	\$ -
8/14/2020	4	458.788	47.79	\$16.80	\$803	411							\$ 803	\$ 803	\$ -
8/14/2020	5	483.094	0	\$0.00	\$0	516							\$ -	\$ -	\$ -
8/14/2020	6	503.411	0	\$0.00	\$0	540							\$ -	\$ -	\$ -
8/14/2020	7	526.555			\$0	600							\$ -	\$ -	\$ -
8/14/2020	8	551.301			\$0	603							\$ -	\$ -	\$ -
8/14/2020	9	572.91			\$0	604							\$ -	\$ -	\$ -
8/14/2020	10	581.685	0	\$0.00	\$0	600							\$ -	\$ -	\$ -
8/14/2020	11	583.405	0	\$0.00	\$0	605							\$ -	\$ -	\$ -
8/14/2020	12	585.219	0	\$0.00	\$0	601	1	1	1		1	1	\$ -	\$ -	\$ -
8/14/2020	13	592.251	0	\$0.00	\$0	604	7	8	9		7	8	\$ -	\$ -	\$ -
8/14/2020	14	594.379	0	\$0.00	\$0	603	67	68	67		65	67	\$ -	\$ -	\$ -
8/14/2020	15	607.358	0	\$0.00	\$0	602	38	40	38		40	39	\$ -	\$ -	\$ -
8/14/2020	16	627.194	0	\$0.00	\$0	605	9	8	11		10	11	\$ -	\$ -	\$ -
8/14/2020	17	613.451	25.45	\$31.10	\$791	588							\$ 791	\$ 791	\$ -
8/14/2020	18	593.869	0	\$0.00	\$0	595							\$ -	\$ -	\$ -
8/14/2020	19	588.959	0	\$0.00	\$0	603							\$ -	\$ -	\$ -
8/14/2020	20	577.198			\$0	602							\$ -	\$ -	\$ -
8/14/2020	21	547.829	42.83	\$20.66	\$885	505							\$ 885	\$ 885	\$ -
8/14/2020	22	505.546	75.55	\$19.19	\$1,450	430							\$ 1,450	\$ 1,450	\$ -
8/14/2020	23	468.896	42.9	\$18.49	\$793	426							\$ 793	\$ 793	\$ -
8/15/2020	0	441.313	17.31	\$17.31	\$300	424							\$ 300	\$ 300	\$ -
8/15/2020	1	422.592	0	\$0.00	\$0	426							\$ -	\$ -	\$ -
8/15/2020	2	410.15	0	\$0.00	\$0	424							\$ -	\$ -	\$ -
8/15/2020	3	403.686	0	\$0.00	\$0	421							\$ -	\$ -	\$ -
8/15/2020	4	401.865	38.87	\$14.61	\$568	363							\$ 568	\$ 568	\$ -
8/15/2020	5	408.674	42.67	\$15.23	\$650	366							\$ 650	\$ 650	\$ -
8/15/2020	6	415.459	57.46	\$15.84	\$910	358							\$ 910	\$ 910	\$ -
8/15/2020	7	443.889	56.89	\$18.44	\$1,049	387							\$ 1,049	\$ 1,049	\$ -
8/15/2020	8	476.146	33.15	\$19.37	\$642	443							\$ 642	\$ 642	\$ -
8/15/2020	9	512.024			\$0	570							\$ -	\$ -	\$ -
8/15/2020	10	542.521			\$0	602							\$ -	\$ -	\$ -
8/15/2020	11	579.107			\$0	604							\$ -	\$ -	\$ -
8/15/2020	12	607.637	20.64	\$26.74	\$552	587							\$ 552	\$ 552	\$ -
8/15/2020	13	632.182	27.18	\$27.82	\$756	605							\$ 756	\$ 756	\$ -
8/15/2020	14	649.812	44.81	\$28.86	\$1,293	605							\$ 1,293	\$ 1,293	\$ -
8/15/2020	15	664.567	57.57	\$33.33	\$1,919	607							\$ 1,919	\$ 1,919	\$ -

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
8/15/2020	16	673.393	68.39	\$32.31	\$2,210	605							\$ 2,210	\$ 2,210	\$ -
8/15/2020	17	665.574	60.57	\$27.21	\$1,648	605							\$ 1,648	\$ 1,648	\$ -
8/15/2020	18	627.169	23.17	\$24.48	\$567	604							\$ 567	\$ 567	\$ -
8/15/2020	19	594.682	0	\$0.00	\$0	606							\$ -	\$ -	\$ -
8/15/2020	20	570.056	0	\$0.00	\$0	604							\$ -	\$ -	\$ -
8/15/2020	21	530.774			\$0	585							\$ -	\$ -	\$ -
8/15/2020	22	495.828	0	\$0.00	\$0	497							\$ -	\$ -	\$ -
8/15/2020	23	462.821	75.82	\$15.20	\$1,152	387							\$ 1,152	\$ 1,152	\$ -
8/16/2020	0	435.384	76.38	\$14.81	\$1,131	359							\$ 1,131	\$ 1,131	\$ -
8/16/2020	1	415.885	58.89	\$14.13	\$832	357							\$ 832	\$ 832	\$ -
8/16/2020	2	402.123	53.12	\$13.92	\$739	349							\$ 739	\$ 739	\$ -
8/16/2020	3	392.254	34.25	\$13.27	\$454	358							\$ 454	\$ 454	\$ -
8/16/2020	4	386.277	28.28	\$12.21	\$345	358							\$ 345	\$ 345	\$ -
8/16/2020	5	388.23	28.23	\$12.41	\$350	360							\$ 350	\$ 350	\$ -
8/16/2020	6	391.153	35.15	\$13.24	\$465	356							\$ 465	\$ 465	\$ -
8/16/2020	7	415.925	57.93	\$15.03	\$871	358							\$ 871	\$ 871	\$ -
8/16/2020	8	454.42	96.42	\$16.57	\$1,598	358							\$ 1,598	\$ 1,558	\$ 40
8/16/2020	9	504.331	129.33	\$18.36	\$2,374	375							\$ 2,374	\$ 1,726	\$ 649
8/16/2020	10	552.226	130.23	\$19.96	\$2,599	422							\$ 2,599	\$ 1,876	\$ 723
8/16/2020	11	568.473	48.47	\$21.35	\$1,035	520							\$ 1,035	\$ 1,035	\$ -
8/16/2020	12	582.071			\$0	596							\$ -	\$ -	\$ -
8/16/2020	13	590.757			\$0	605							\$ -	\$ -	\$ -
8/16/2020	14	605.547	0.55	\$25.80	\$14	605							\$ 14	\$ 14	\$ -
8/16/2020	15	619.272	17.27	\$28.13	\$486	602							\$ 486	\$ 486	\$ -
8/16/2020	16	630.04	24.04	\$32.33	\$777	606							\$ 777	\$ 777	\$ -
8/16/2020	17	624.149	16.15	\$26.20	\$423	608							\$ 423	\$ 423	\$ -
8/16/2020	18	600.539	0	\$0.00	\$0	605							\$ -	\$ -	\$ -
8/16/2020	19	571.113			\$0	603							\$ -	\$ -	\$ -
8/16/2020	20	549.572			\$0	603							\$ -	\$ -	\$ -
8/16/2020	21	509.299			\$0	595							\$ -	\$ -	\$ -
8/16/2020	22	467.507	0	\$0.00	\$0	492							\$ -	\$ -	\$ -
8/16/2020	23	435.37	59.37	\$14.38	\$854	376							\$ 854	\$ 854	\$ -
8/17/2020	0	409.898	50.9	\$13.39	\$682	359							\$ 682	\$ 682	\$ -
8/17/2020	1	391.145	34.15	\$12.37	\$422	357							\$ 422	\$ 422	\$ -
8/17/2020	2	378.263	20.26	\$11.69	\$237	358							\$ 237	\$ 237	\$ -
8/17/2020	3	378.286	20.29	\$12.20	\$248	358							\$ 248	\$ 248	\$ -
8/17/2020	4	393.139	35.14	\$12.39	\$435	358							\$ 435	\$ 435	\$ -
8/17/2020	5	423.765	65.77	\$14.32	\$942	358							\$ 942	\$ 942	\$ -
8/17/2020	6	457.316	99.32	\$15.95	\$1,584	358							\$ 1,584	\$ 1,499	\$ 85
8/17/2020	7	484.791	126.79	\$18.78	\$2,381	358							\$ 2,381	\$ 1,765	\$ 616
8/17/2020	8	524.048	67.05	\$19.75	\$1,324	457							\$ 1,324	\$ 1,324	\$ -
8/17/2020	9	554.269			\$0	583							\$ -	\$ -	\$ -
8/17/2020	10	589.166			\$0	605							\$ -	\$ -	\$ -
8/17/2020	11	623.382	19.38	\$26.56	\$515	604							\$ 515	\$ 515	\$ -
8/17/2020	12	655.708	52.71	\$29.71	\$1,566	603							\$ 1,566	\$ 1,566	\$ -
8/17/2020	13	672.39	69.39	\$32.05	\$2,224	603							\$ 2,224	\$ 2,224	\$ -
8/17/2020	14	682.258	79.26	\$36.94	\$2,928	603							\$ 2,928	\$ 2,928	\$ -
8/17/2020	15	684.396	79.4	\$42.07	\$3,340	605							\$ 3,340	\$ 3,340	\$ -
8/17/2020	16	687.337	83.34	\$43.02	\$3,585	604							\$ 3,585	\$ 3,585	\$ -
8/17/2020	17	681.516	75.52	\$32.10	\$2,424	606							\$ 2,424	\$ 2,424	\$ -
8/17/2020	18	653.178	48.18	\$28.34	\$1,365	605							\$ 1,365	\$ 1,365	\$ -
8/17/2020	19	627.551	23.55	\$27.60	\$650	604							\$ 650	\$ 650	\$ -
8/17/2020	20	603.756	18.76	\$23.46	\$440	585							\$ 440	\$ 440	\$ -
8/17/2020	21	562.566			\$0	578							\$ -	\$ -	\$ -
8/17/2020	22	518.45	27.45	\$17.39	\$477	491							\$ 477	\$ 477	\$ -
8/17/2020	23	481.505	87.51	\$14.95	\$1,308	394							\$ 1,308	\$ 1,308	\$ -

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Demand (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)	
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6
8/18/2020	0	456.152	95.15	\$14.22	\$1,353	361							\$ 1,353	\$ 1,337	\$ 16
8/18/2020	1	435.673	76.67	\$13.24	\$1,015	359							\$ 1,015	\$ 1,015	\$ -
8/18/2020	2	423.867	65.87	\$11.81	\$778	358							\$ 778	\$ 778	\$ -
8/18/2020	3	421.891	64.89	\$11.63	\$755	357							\$ 755	\$ 755	\$ -
8/18/2020	4	432.691	74.69	\$13.30	\$993	358							\$ 993	\$ 993	\$ -
8/18/2020	5	465.251	107.25	\$14.61	\$1,567	358							\$ 1,567	\$ 1,373	\$ 194
8/18/2020	6	482.773	124.77	\$15.13	\$1,888	358							\$ 1,888	\$ 1,422	\$ 466
8/18/2020	7	509.073	133.07	\$16.91	\$2,250	376							\$ 2,250	\$ 1,590	\$ 661
8/18/2020	8	536.408	140.41	\$18.86	\$2,648	396							\$ 2,648	\$ 1,773	\$ 875
8/18/2020	9	543.617	4.62	\$20.11	\$93	539							\$ 93	\$ 93	\$ -
8/18/2020	10	538.171			\$0	603					5		\$ -	\$ -	\$ -
8/18/2020	11	533.219			\$0	604				71	74		\$ -	\$ -	\$ -
8/18/2020	12	531.162			\$0	589				77	78		\$ -	\$ -	\$ -
8/18/2020	13	521.439			\$0	603				79	80		\$ -	\$ -	\$ -
8/18/2020	14	507.577			\$0	606				80	80		\$ -	\$ -	\$ -
8/18/2020	15	502.513			\$0	606				78	79		\$ -	\$ -	\$ -
8/18/2020	16	505.347			\$0	606				11	12		\$ -	\$ -	\$ -
8/18/2020	17	503.349			\$0	606							\$ -	\$ -	\$ -
8/18/2020	18	498.51			\$0	604							\$ -	\$ -	\$ -
8/18/2020	19	497.544			\$0	604							\$ -	\$ -	\$ -
8/18/2020	20	492.622			\$0	604							\$ -	\$ -	\$ -
8/18/2020	21	466.092			\$0	606							\$ -	\$ -	\$ -
8/18/2020	22	433.944	0	\$0.00	\$0	602							\$ -	\$ -	\$ -
8/18/2020	23	411.323	0	\$0.00	\$0	604							\$ -	\$ -	\$ -
8/19/2020	0	390.033	0	\$0.00	\$0	600							\$ -	\$ -	\$ -
8/19/2020	1	376.624	0	\$0.00	\$0	603							\$ -	\$ -	\$ -
8/19/2020	2	366.841	0	\$0.00	\$0	583							\$ -	\$ -	\$ -
8/19/2020	3	364.975	0	\$0.00	\$0	465							\$ -	\$ -	\$ -
8/19/2020	4	377.836	4.84	\$14.66	\$71	373							\$ 71	\$ 71	\$ -
8/19/2020	5	407.45	22.45	\$15.58	\$350	385							\$ 350	\$ 350	\$ -
8/19/2020	6	426.158	66.16	\$16.43	\$1,087	360							\$ 1,087	\$ 1,087	\$ -
8/19/2020	7	451.669	91.67	\$17.65	\$1,618	360							\$ 1,618	\$ 1,618	\$ -
8/19/2020	8	478.222	117.22	\$19.08	\$2,237	361							\$ 2,237	\$ 1,794	\$ 443
8/19/2020	9	499.584	84.58	\$20.26	\$1,714	415							\$ 1,714	\$ 1,714	\$ -
8/19/2020	10	519.723			\$0	526		15	7				\$ -	\$ -	\$ -
8/19/2020	11	539.523			\$0	603		78	74				\$ -	\$ -	\$ -
8/19/2020	12	557.287			\$0	603		80	77				\$ -	\$ -	\$ -
8/19/2020	13	564.17			\$0	605		81	76				\$ -	\$ -	\$ -
8/19/2020	14	577.009			\$0	604		81	82				\$ -	\$ -	\$ -
8/19/2020	15	588.806	0	\$0.00	\$0	603		29	31				\$ -	\$ -	\$ -
8/19/2020	16	596.526	0	\$0.00	\$0	604							\$ -	\$ -	\$ -
8/19/2020	17	587.732			\$0	605							\$ -	\$ -	\$ -
8/19/2020	18	569.041			\$0	603							\$ -	\$ -	\$ -
8/19/2020	19	543.474			\$0	603							\$ -	\$ -	\$ -
8/19/2020	20	525.761			\$0	588							\$ -	\$ -	\$ -
8/19/2020	21	489.284			\$0	603							\$ -	\$ -	\$ -
8/19/2020	22	449.76	0	\$0.00	\$0	603							\$ -	\$ -	\$ -
8/19/2020	23	418.702	0	\$0.00	\$0	602							\$ -	\$ -	\$ -
8/20/2020	0	393.607	0	\$0.00	\$0	603							\$ -	\$ -	\$ -
8/20/2020	1	378.05	0	\$0.00	\$0	604							\$ -	\$ -	\$ -
8/20/2020	2	368.179	0	\$0.00	\$0	601							\$ -	\$ -	\$ -
8/20/2020	3	365.179	0	\$0.00	\$0	601							\$ -	\$ -	\$ -
8/20/2020	4	377.03	0	\$0.00	\$0	590							\$ -	\$ -	\$ -
8/20/2020	5	402.693	0	\$0.00	\$0	586							\$ -	\$ -	\$ -
8/20/2020	6	422.296	0	\$0.00	\$0	588							\$ -	\$ -	\$ -
8/20/2020	7	448.727	0	\$0.00	\$0	586							\$ -	\$ -	\$ -



Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
8/20/2020	8	475.127			\$0	586							\$ -	\$ -	\$ -
8/20/2020	9	501.613			\$0	589							\$ -	\$ -	\$ -
8/20/2020	10	525.84			\$0	591							\$ -	\$ -	\$ -
8/20/2020	11	547.406			\$0	603							\$ -	\$ -	\$ -
8/20/2020	12	571.04			\$0	602							\$ -	\$ -	\$ -
8/20/2020	13	589.858			\$0	590							\$ -	\$ -	\$ -
8/20/2020	14	602.747	0	\$0.00	\$0	604							\$ -	\$ -	\$ -
8/20/2020	15	619.484	15.48	\$39.27	\$608	604							\$ 608	\$ 608	\$ -
8/20/2020	16	630.285	25.29	\$35.65	\$902	605							\$ 902	\$ 902	\$ -
8/20/2020	17	624.323	19.32	\$28.55	\$552	605							\$ 552	\$ 552	\$ -
8/20/2020	18	601.511			\$0	605							\$ -	\$ -	\$ -
8/20/2020	19	573.034			\$0	602							\$ -	\$ -	\$ -
8/20/2020	20	554.423			\$0	604							\$ -	\$ -	\$ -
8/20/2020	21	515.001			\$0	597							\$ -	\$ -	\$ -
8/20/2020	22	472.638	0	\$0.00	\$0	586							\$ -	\$ -	\$ -
8/20/2020	23	439.4	0	\$0.00	\$0	487							\$ -	\$ -	\$ -
8/21/2020	0	414.399	35.4	\$15.08	\$534	379							\$ 534	\$ 534	\$ -
8/21/2020	1	397.083	87.08	\$14.14	\$1,231	310							\$ 1,231	\$ 1,231	\$ -
8/21/2020	2	383.376	72.38	\$12.37	\$895	311							\$ 895	\$ 895	\$ -
8/21/2020	3	380.408	71.41	\$12.68	\$905	309							\$ 905	\$ 905	\$ -
8/21/2020	4	393.23	85.23	\$14.68	\$1,251	308							\$ 1,251	\$ 1,251	\$ -
8/21/2020	5	420.701	110.7	\$15.37	\$1,701	310							\$ 1,701	\$ 1,445	\$ 257
8/21/2020	6	439.437	129.44	\$16.66	\$2,156	310							\$ 2,156	\$ 1,566	\$ 590
8/21/2020	7	458.054	146.05	\$18.11	\$2,645	312							\$ 2,645	\$ 1,702	\$ 943
8/21/2020	8	481.352	86.35	\$19.36	\$1,672	395							\$ 1,672	\$ 1,672	\$ -
8/21/2020	9	509.409	19.41	\$22.30	\$433	490							\$ 433	\$ 433	\$ -
8/21/2020	10	541.422			\$0	576							\$ -	\$ -	\$ -
8/21/2020	11	571.089			\$0	604							\$ -	\$ -	\$ -
8/21/2020	12	601.61			\$0	605							\$ -	\$ -	\$ -
8/21/2020	13	623.135	18.14	\$32.97	\$598	605							\$ 598	\$ 598	\$ -
8/21/2020	14	629.991	23.99	\$36.58	\$878	606							\$ 878	\$ 878	\$ -
8/21/2020	15	637.938	34.94	\$43.70	\$1,527	603							\$ 1,527	\$ 1,527	\$ -
8/21/2020	16	629.094	27.09	\$40.85	\$1,107	602							\$ 1,107	\$ 1,107	\$ -
8/21/2020	17	607.375	2.38	\$31.88	\$76	605							\$ 76	\$ 76	\$ -
8/21/2020	18	584.932			\$0	604							\$ -	\$ -	\$ -
8/21/2020	19	575.065			\$0	602							\$ -	\$ -	\$ -
8/21/2020	20	560.27			\$0	604							\$ -	\$ -	\$ -
8/21/2020	21	527.68			\$0	602							\$ -	\$ -	\$ -
8/21/2020	22	493.138			\$0	601							\$ -	\$ -	\$ -
8/21/2020	23	459.009	0	\$0.00	\$0	537							\$ -	\$ -	\$ -
8/22/2020	0	434.577	0	\$0.00	\$0	445							\$ -	\$ -	\$ -
8/22/2020	1	416.385	66.39	\$13.79	\$916	350							\$ 916	\$ 916	\$ -
8/22/2020	2	404.877	95.88	\$13.37	\$1,282	309							\$ 1,282	\$ 1,257	\$ 25
8/22/2020	3	399.904	89.9	\$12.63	\$1,135	310							\$ 1,135	\$ 1,135	\$ -
8/22/2020	4	401.949	92.95	\$13.27	\$1,233	309							\$ 1,233	\$ 1,233	\$ -
8/22/2020	5	406.9	98.9	\$13.38	\$1,323	308							\$ 1,323	\$ 1,258	\$ 66
8/22/2020	6	411.677	100.68	\$13.37	\$1,346	311							\$ 1,346	\$ 1,257	\$ 89
8/22/2020	7	437.363	127.36	\$15.32	\$1,951	310							\$ 1,951	\$ 1,440	\$ 511
8/22/2020	8	470.823	133.82	\$17.67	\$2,365	337							\$ 2,365	\$ 1,661	\$ 704
8/22/2020	9	502.991	60.99	\$20.65	\$1,259	442							\$ 1,259	\$ 1,259	\$ -
8/22/2020	10	533.789			\$0	554							\$ -	\$ -	\$ -
8/22/2020	11	559.923			\$0	605							\$ -	\$ -	\$ -
8/22/2020	12	566.768			\$0	604							\$ -	\$ -	\$ -
8/22/2020	13	548.916			\$0	605							\$ -	\$ -	\$ -
8/22/2020	14	532.039			\$0	604							\$ -	\$ -	\$ -
8/22/2020	15	529.154			\$0	605							\$ -	\$ -	\$ -

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Demand (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)					
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6				
8/22/2020	16		530.189		\$0	604						\$	-	\$	-	\$	-		
8/22/2020	17		524.432		\$0	606						\$	-	\$	-	\$	-		
8/22/2020	18		515.726		\$0	604						\$	-	\$	-	\$	-		
8/22/2020	19		509.804		\$0	606						\$	-	\$	-	\$	-		
8/22/2020	20		497.979		\$0	604						\$	-	\$	-	\$	-		
8/22/2020	21		469.36		\$0	603						\$	-	\$	-	\$	-		
8/22/2020	22		436.809		\$0	577						\$	-	\$	-	\$	-		
8/22/2020	23		410.579	0	\$0.00	\$0	477					\$	-	\$	-	\$	-		
8/23/2020	0		387.549	38.55	\$15.15	\$584	349					\$	584	\$	584	\$	-		
8/23/2020	1		372.14	62.14	\$14.20	\$882	310					\$	882	\$	882	\$	-		
8/23/2020	2		364.338	56.34	\$13.71	\$772	308					\$	772	\$	772	\$	-		
8/23/2020	3		357.378	49.38	\$13.85	\$684	308					\$	684	\$	684	\$	-		
8/23/2020	4		358.479	50.48	\$13.88	\$701	308					\$	701	\$	701	\$	-		
8/23/2020	5		362.423	54.42	\$13.65	\$743	308					\$	743	\$	743	\$	-		
8/23/2020	6		367.316	58.32	\$13.82	\$806	309					\$	806	\$	806	\$	-		
8/23/2020	7		394.999	87	\$15.17	\$1,320	308					\$	1,320	\$	1,320	\$	-		
8/23/2020	8		430.397	118.4	\$17.37	\$2,057	312					\$	2,057	\$	1,633	\$	424		
8/23/2020	9		482.419	69.42	\$19.72	\$1,369	413					\$	1,369	\$	1,369	\$	-		
8/23/2020	10		521.23		\$0	558						\$	-	\$	-	\$	-		
8/23/2020	11		549.294		\$0	604						\$	-	\$	-	\$	-		
8/23/2020	12		574.871		\$0	605						\$	-	\$	-	\$	-		
8/23/2020	13		594.557		\$0	605						\$	-	\$	-	\$	-		
8/23/2020	14		615.211	12.21	\$32.81	\$401	603					\$	401	\$	401	\$	-		
8/23/2020	15		623.894	22.89	\$41.29	\$945	601					\$	945	\$	945	\$	-		
8/23/2020	16		629.781	24.78	\$42.78	\$1,060	605					\$	1,060	\$	1,060	\$	-		
8/23/2020	17		631.892	28.89	\$33.06	\$955	603					\$	955	\$	955	\$	-		
8/23/2020	18		616.124	13.12	\$29.51	\$387	603					\$	387	\$	387	\$	-		
8/23/2020	19		596.527		\$0	603						\$	-	\$	-	\$	-		
8/23/2020	20		576.89		\$0	601						\$	-	\$	-	\$	-		
8/23/2020	21		537.482		\$0	602						\$	-	\$	-	\$	-		
8/23/2020	22		499.068		\$0	594						\$	-	\$	-	\$	-		
8/23/2020	23		466.654	0	\$0.00	\$0	507					\$	-	\$	-	\$	-		
8/24/2020	0		440.323	25.32	\$16.32	\$413	415					\$	413	\$	413	\$	-		
8/24/2020	1		422.772	11.77	\$15.91	\$187	411					\$	187	\$	187	\$	-		
8/24/2020	2		413.38	93.38	\$15.15	\$1,415	320					\$	1,415	\$	1,415	\$	-		
8/24/2020	3		413.582	100.58	\$15.30	\$1,539	313					\$	1,539	\$	1,438	\$	101		
8/24/2020	4		427.221	115.22	\$16.03	\$1,847	312					\$	1,847	\$	1,507	\$	340		
8/24/2020	5		460.584	149.58	\$17.37	\$2,598	311					\$	2,598	\$	1,633	\$	965		
8/24/2020	6		485.118	175.12	\$18.97	\$3,322	310					\$	3,322	\$	1,783	\$	1,539		
8/24/2020	7		522.416	160.42	\$20.40	\$3,273	362					\$	3,273	\$	1,918	\$	1,355		
8/24/2020	8		566.327	86.33	\$23.05	\$1,990	480					\$	1,990	\$	1,990	\$	-		
8/24/2020	9		606.467	20.47	\$26.32	\$539	586					\$	539	\$	539	\$	-		
8/24/2020	10		638.84	37.84	\$29.39	\$1,112	601					\$	1,112	\$	1,112	\$	-		
8/24/2020	11		672.274	66.27	\$32.08	\$2,126	604	1				\$	2,126	\$	2,126	\$	-		
8/24/2020	12		699.863	0	\$0.00	\$0	605	49	51	10	12	8	12	\$	-	\$	-		
8/24/2020	13		715.598	0	\$0.00	\$0	605	32	35	29	29	27	29	\$	-	\$	-		
8/24/2020	14		725.199	0	\$0.00	\$0	605	73	76	71	72	70	70	\$	-	\$	-		
8/24/2020	15		735.985	0	\$0.00	\$0	605	74	77	72	75	70	72	\$	-	\$	-		
8/24/2020	16		742.039	0	\$0.00	\$0	604	37	39	38	35	36	35	\$	-	\$	-		
8/24/2020	17		729.457	4.46	\$38.22	\$170	606	27	28	28	5	27	4	\$	170	\$	170	\$	-
8/24/2020	18		707.994	85.99	\$30.85	\$2,653	589	6	6	4	5	6	6	\$	2,653	\$	2,653	\$	-
8/24/2020	19		684.407	46.41	\$28.51	\$1,323	605	6	6	6	5	6	4	\$	1,323	\$	1,323	\$	-
8/24/2020	20		657.986	48.99	\$25.51	\$1,250	606						1	\$	1,250	\$	1,250	\$	-
8/24/2020	21		613.571	7.57	\$23.45	\$178	606							\$	178	\$	178	\$	-
8/24/2020	22		569.139		\$0	602								\$	-	\$	-	\$	-
8/24/2020	23		533.69	0	\$0.00	\$0	553							\$	-	\$	-	\$	-

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
8/25/2020	0	505.205	61.21	\$16.79	\$1,028	444							\$ 1,028	\$ 1,028	\$ -
8/25/2020	1	481.783	137.78	\$15.98	\$2,202	344							\$ 2,202	\$ 1,502	\$ 700
8/25/2020	2	466.237	155.24	\$15.09	\$2,343	311							\$ 2,343	\$ 1,418	\$ 924
8/25/2020	3	461.462	152.46	\$14.80	\$2,256	309							\$ 2,256	\$ 1,391	\$ 865
8/25/2020	4	477.238	167.24	\$15.72	\$2,629	310							\$ 2,629	\$ 1,478	\$ 1,151
8/25/2020	5	509.297	164.3	\$17.06	\$2,803	345							\$ 2,803	\$ 1,604	\$ 1,199
8/25/2020	6	531.861	196.86	\$18.58	\$3,658	335							\$ 3,658	\$ 1,747	\$ 1,911
8/25/2020	7	559.41	149.41	\$19.35	\$2,891	410							\$ 2,891	\$ 1,819	\$ 1,072
8/25/2020	8	599.55	39.55	\$23.52	\$930	560							\$ 930	\$ 930	\$ -
8/25/2020	9	641.776	40.78	\$28.00	\$1,142	601							\$ 1,142	\$ 1,142	\$ -
8/25/2020	10	681.095	77.1	\$34.48	\$2,658	604							\$ 2,658	\$ 2,658	\$ -
8/25/2020	11	722.465	121.47	\$38.52	\$4,679	601							\$ 4,679	\$ 3,621	\$ 1,058
8/25/2020	12	751.877	147.88	\$47.69	\$7,052	604							\$ 7,052	\$ 4,483	\$ 2,570
8/25/2020	13	768.597	165.6	\$53.12	\$8,797	603							\$ 8,797	\$ 4,993	\$ 3,803
8/25/2020	14	776.444	197.44	\$62.40	\$12,320	579							\$ 12,320	\$ 5,866	\$ 6,455
8/25/2020	15	781.546	181.55	\$67.65	\$12,282	600							\$ 12,282	\$ 6,359	\$ 5,923
8/25/2020	16	779.957	175.96	\$64.60	\$11,367	604							\$ 11,367	\$ 6,072	\$ 5,295
8/25/2020	17	731.888	128.89	\$51.57	\$6,647	603							\$ 6,647	\$ 4,848	\$ 1,799
8/25/2020	18	680.882	75.88	\$36.41	\$2,763	605							\$ 2,763	\$ 2,763	\$ -
8/25/2020	19	662.197	58.2	\$33.98	\$1,978	604							\$ 1,978	\$ 1,978	\$ -
8/25/2020	20	636.503	32.5	\$28.51	\$927	604							\$ 927	\$ 927	\$ -
8/25/2020	21	595.996	0	\$0.00	\$0	604							\$ -	\$ -	\$ -
8/25/2020	22	553.633	23.63	\$20.29	\$479	530							\$ 479	\$ 479	\$ -
8/25/2020	23	517.238	92.24	\$18.34	\$1,692	425							\$ 1,692	\$ 1,692	\$ -
8/26/2020	0	488.92	149.92	\$17.99	\$2,697	339							\$ 2,697	\$ 1,691	\$ 1,006
8/26/2020	1	467.443	158.44	\$16.93	\$2,682	309							\$ 2,682	\$ 1,591	\$ 1,091
8/26/2020	2	453.705	143.71	\$16.00	\$2,299	310							\$ 2,299	\$ 1,504	\$ 795
8/26/2020	3	451.867	141.87	\$15.72	\$2,230	310							\$ 2,230	\$ 1,478	\$ 753
8/26/2020	4	464.803	154.8	\$16.56	\$2,563	310							\$ 2,563	\$ 1,557	\$ 1,007
8/26/2020	5	504.311	194.31	\$17.79	\$3,457	310							\$ 3,457	\$ 1,672	\$ 1,785
8/26/2020	6	526.039	216.04	\$18.57	\$4,012	310							\$ 4,012	\$ 1,746	\$ 2,266
8/26/2020	7	558.531	249.53	\$19.27	\$4,808	309							\$ 4,808	\$ 1,811	\$ 2,997
8/26/2020	8	600.646	235.65	\$21.88	\$5,156	365							\$ 5,156	\$ 2,057	\$ 3,099
8/26/2020	9	644.542	135.54	\$26.60	\$3,605	509							\$ 3,605	\$ 2,500	\$ 1,105
8/26/2020	10	683.771	78.77	\$30.05	\$2,367	605							\$ 2,367	\$ 2,367	\$ -
8/26/2020	11	718.223	110.22	\$33.77	\$3,722	608							\$ 3,722	\$ 3,174	\$ 548
8/26/2020	12	737.731	133.73	\$39.91	\$5,337	604							\$ 5,337	\$ 3,752	\$ 1,586
8/26/2020	13	749.335	144.34	\$44.49	\$6,422	605							\$ 6,422	\$ 4,182	\$ 2,240
8/26/2020	14	757.082	151.08	\$50.83	\$7,679	606							\$ 7,679	\$ 4,778	\$ 2,901
8/26/2020	15	762.941	154.94	\$55.32	\$8,571	608							\$ 8,571	\$ 5,200	\$ 3,371
8/26/2020	16	760.01	154.01	\$50.60	\$7,793	606							\$ 7,793	\$ 4,756	\$ 3,037
8/26/2020	17	749.235	162.24	\$36.55	\$5,930	587							\$ 5,930	\$ 3,436	\$ 2,494
8/26/2020	18	724.908	106.91	\$31.90	\$3,410	618							\$ 3,410	\$ 2,999	\$ 412
8/26/2020	19	704.315	119.32	\$28.30	\$3,377	585							\$ 3,377	\$ 2,660	\$ 717
8/26/2020	20	679.717	73.72	\$25.74	\$1,898	606							\$ 1,898	\$ 1,898	\$ -
8/26/2020	21	633.23	30.23	\$22.78	\$689	603							\$ 689	\$ 689	\$ -
8/26/2020	22	589.903	0	\$0.00	\$0	591							\$ -	\$ -	\$ -
8/26/2020	23	552.712	62.71	\$18.07	\$1,133	490							\$ 1,133	\$ 1,133	\$ -
8/27/2020	0	524.549	134.55	\$17.07	\$2,297	390							\$ 2,297	\$ 1,605	\$ 692
8/27/2020	1	502.12	190.12	\$16.13	\$3,067	312							\$ 3,067	\$ 1,516	\$ 1,550
8/27/2020	2	488.286	178.29	\$15.33	\$2,733	310							\$ 2,733	\$ 1,441	\$ 1,292
8/27/2020	3	483.301	173.3	\$15.44	\$2,676	310							\$ 2,676	\$ 1,451	\$ 1,224
8/27/2020	4	493.288	184.29	\$16.51	\$3,043	309							\$ 3,043	\$ 1,552	\$ 1,491
8/27/2020	5	525.933	213.93	\$17.46	\$3,735	312							\$ 3,735	\$ 1,641	\$ 2,094
8/27/2020	6	548.482	200.48	\$18.73	\$3,755	348							\$ 3,755	\$ 1,761	\$ 1,994
8/27/2020	7	573.477	113.48	\$19.55	\$2,219	460							\$ 2,219	\$ 1,838	\$ 381

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
8/27/2020	8	590.885	0.89	\$22.90	\$20	590								\$ 20	\$ 20	\$ -
8/27/2020	9	619.435	18.44	\$27.31	\$504	601								\$ 504	\$ 504	\$ -
8/27/2020	10	651.849	65.85	\$30.61	\$2,016	586								\$ 2,016	\$ 2,016	\$ -
8/27/2020	11	688.276	84.28	\$34.02	\$2,867	604								\$ 2,867	\$ 2,867	\$ -
8/27/2020	12	700.018	97.02	\$40.34	\$3,914	603								\$ 3,914	\$ 3,792	\$ 122
8/27/2020	13	687.989	83.99	\$49.48	\$4,156	604								\$ 4,156	\$ 4,156	\$ -
8/27/2020	14	669.498	64.5	\$60.79	\$3,921	605								\$ 3,921	\$ 3,921	\$ -
8/27/2020	15	668.395	65.4	\$66.79	\$4,368	603								\$ 4,368	\$ 4,368	\$ -
8/27/2020	16	670.546	68.55	\$62.75	\$4,302	602								\$ 4,302	\$ 4,302	\$ -
8/27/2020	17	663.742	61.74	\$42.93	\$2,650	602								\$ 2,650	\$ 2,650	\$ -
8/27/2020	18	649.189	46.19	\$34.43	\$1,590	603								\$ 1,590	\$ 1,590	\$ -
8/27/2020	19	649.25	44.25	\$30.90	\$1,367	605								\$ 1,367	\$ 1,367	\$ -
8/27/2020	20	632.501	29.5	\$27.92	\$824	603								\$ 824	\$ 824	\$ -
8/27/2020	21	597.817	0	\$0.00	\$0	603								\$ -	\$ -	\$ -
8/27/2020	22	563.373			\$0	604								\$ -	\$ -	\$ -
8/27/2020	23	534.838			\$0	557								\$ -	\$ -	\$ -
8/28/2020	0	512.67	69.67	\$18.31	\$1,276	443								\$ 1,276	\$ 1,276	\$ -
8/28/2020	1	494.536	158.54	\$17.18	\$2,724	336								\$ 2,724	\$ 1,615	\$ 1,109
8/28/2020	2	481.021	172.02	\$16.87	\$2,902	309								\$ 2,902	\$ 1,586	\$ 1,316
8/28/2020	3	476.162	166.16	\$16.50	\$2,742	310								\$ 2,742	\$ 1,551	\$ 1,191
8/28/2020	4	487.844	163.84	\$17.77	\$2,911	324								\$ 2,911	\$ 1,670	\$ 1,241
8/28/2020	5	522.116	119.12	\$19.94	\$2,375	403								\$ 2,375	\$ 1,874	\$ 501
8/28/2020	6	542.274	2.27	\$20.66	\$47	540								\$ 47	\$ 47	\$ -
8/28/2020	7	562.353			\$0	599								\$ -	\$ -	\$ -
8/28/2020	8	590.972	3.97	\$24.94	\$99	587								\$ 99	\$ 99	\$ -
8/28/2020	9	633.388	32.39	\$26.95	\$873	601								\$ 873	\$ 873	\$ -
8/28/2020	10	663.903	61.9	\$33.94	\$2,101	602								\$ 2,101	\$ 2,101	\$ -
8/28/2020	11	674.542	75.54	\$30.26	\$2,286	599								\$ 2,286	\$ 2,286	\$ -
8/28/2020	12	690.356	88.36	\$33.88	\$2,994	602								\$ 2,994	\$ 2,994	\$ -
8/28/2020	13	676.507	76.51	\$37.05	\$2,835	600								\$ 2,835	\$ 2,835	\$ -
8/28/2020	14	637.337	36.34	\$39.87	\$1,449	601								\$ 1,449	\$ 1,449	\$ -
8/28/2020	15	657.077	55.08	\$41.86	\$2,306	602								\$ 2,306	\$ 2,306	\$ -
8/28/2020	16	654.013	50.01	\$37.77	\$1,889	604								\$ 1,889	\$ 1,889	\$ -
8/28/2020	17	630.495	28.5	\$30.57	\$871	602								\$ 871	\$ 871	\$ -
8/28/2020	18	603.867	0	\$0.00	\$0	604								\$ -	\$ -	\$ -
8/28/2020	19	599.902	0	\$0.00	\$0	602								\$ -	\$ -	\$ -
8/28/2020	20	579.125	0	\$0.00	\$0	604								\$ -	\$ -	\$ -
8/28/2020	21	543.701			\$0	603								\$ -	\$ -	\$ -
8/28/2020	22	504.299			\$0	583								\$ -	\$ -	\$ -
8/28/2020	23	471.985	0	\$0.00	\$0	497								\$ -	\$ -	\$ -
8/29/2020	0	446.8	57.8	\$17.15	\$991	389								\$ 991	\$ 991	\$ -
8/29/2020	1	429.329	99.33	\$16.23	\$1,612	330								\$ 1,612	\$ 1,526	\$ 87
8/29/2020	2	418.523	109.52	\$15.70	\$1,719	309								\$ 1,719	\$ 1,476	\$ 244
8/29/2020	3	416.774	107.77	\$15.34	\$1,653	309								\$ 1,653	\$ 1,442	\$ 211
8/29/2020	4	417.775	108.78	\$15.36	\$1,671	309								\$ 1,671	\$ 1,444	\$ 227
8/29/2020	5	427.426	91.43	\$16.06	\$1,468	336								\$ 1,468	\$ 1,468	\$ -
8/29/2020	6	433.203	133.2	\$16.24	\$2,163	300								\$ 2,163	\$ 1,527	\$ 637
8/29/2020	7	454.592	102.59	\$17.50	\$1,795	352								\$ 1,795	\$ 1,645	\$ 150
8/29/2020	8	484.754	108.75	\$19.65	\$2,137	376								\$ 2,137	\$ 1,847	\$ 290
8/29/2020	9	516.232	158.23	\$19.98	\$3,161	358								\$ 3,161	\$ 1,878	\$ 1,283
8/29/2020	10	535.884	118.88	\$21.01	\$2,498	417								\$ 2,498	\$ 1,975	\$ 523
8/29/2020	11	557.356	34.36	\$22.71	\$780	523								\$ 780	\$ 780	\$ -
8/29/2020	12	592.796	25.8	\$23.33	\$602	567								\$ 602	\$ 602	\$ -
8/29/2020	13	614.467	44.47	\$24.28	\$1,080	570								\$ 1,080	\$ 1,080	\$ -
8/29/2020	14	623.224	51.22	\$26.92	\$1,379	572								\$ 1,379	\$ 1,379	\$ -
8/29/2020	15	626.095	23.1	\$32.63	\$754	603								\$ 754	\$ 754	\$ -

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
8/29/2020	16	624.134	20.13	\$28.41	\$572	604							\$ 572	\$ 572	\$ -
8/29/2020	17	610.476	6.48	\$24.34	\$158	604							\$ 158	\$ 158	\$ -
8/29/2020	18	582.984			\$0	604							\$ -	\$ -	\$ -
8/29/2020	19	557.368			\$0	603							\$ -	\$ -	\$ -
8/29/2020	20	536.862			\$0	592							\$ -	\$ -	\$ -
8/29/2020	21	505.889	9.89	\$17.41	\$172	496							\$ 172	\$ 172	\$ -
8/29/2020	22	471.82	59.82	\$16.15	\$966	412							\$ 966	\$ 966	\$ -
8/29/2020	23	435.462	98.46	\$14.40	\$1,418	337							\$ 1,418	\$ 1,354	\$ 64
8/30/2020	0	406.944	97.94	\$14.17	\$1,388	309							\$ 1,388	\$ 1,332	\$ 56
8/30/2020	1	383.351	75.35	\$13.15	\$991	308							\$ 991	\$ 991	\$ -
8/30/2020	2	365.559	56.56	\$11.96	\$676	309							\$ 676	\$ 676	\$ -
8/30/2020	3	352.679	43.68	\$11.70	\$511	309							\$ 511	\$ 511	\$ -
8/30/2020	4	345.7	36.7	\$11.49	\$422	309							\$ 422	\$ 422	\$ -
8/30/2020	5	346.617	38.62	\$12.08	\$467	308							\$ 467	\$ 467	\$ -
8/30/2020	6	345.569	37.57	\$12.22	\$459	308							\$ 459	\$ 459	\$ -
8/30/2020	7	373.274	65.27	\$14.28	\$932	308							\$ 932	\$ 932	\$ -
8/30/2020	8	409.934	102.93	\$15.04	\$1,548	307							\$ 1,548	\$ 1,414	\$ 134
8/30/2020	9	444.424	136.42	\$15.93	\$2,173	308							\$ 2,173	\$ 1,497	\$ 676
8/30/2020	10	470.893	162.89	\$16.87	\$2,748	308							\$ 2,748	\$ 1,586	\$ 1,162
8/30/2020	11	492.339	134.34	\$18.70	\$2,512	358							\$ 2,512	\$ 1,758	\$ 754
8/30/2020	12	510.873	20.87	\$19.59	\$409	490							\$ 409	\$ 409	\$ -
8/30/2020	13	526.129			\$0	570							\$ -	\$ -	\$ -
8/30/2020	14	543.528			\$0	571							\$ -	\$ -	\$ -
8/30/2020	15	562.402			\$0	604							\$ -	\$ -	\$ -
8/30/2020	16	558.616			\$0	606							\$ -	\$ -	\$ -
8/30/2020	17	537.944			\$0	605							\$ -	\$ -	\$ -
8/30/2020	18	518.27			\$0	592							\$ -	\$ -	\$ -
8/30/2020	19	513.283			\$0	599							\$ -	\$ -	\$ -
8/30/2020	20	495.757	0	\$0.00	\$0	574							\$ -	\$ -	\$ -
8/30/2020	21	461.606	0	\$0.00	\$0	478							\$ -	\$ -	\$ -
8/30/2020	22	428.453	25.45	\$14.38	\$366	403							\$ 366	\$ 366	\$ -
8/30/2020	23	402.941	79.94	\$13.37	\$1,069	323							\$ 1,069	\$ 1,069	\$ -
8/31/2020	0	385.184	76.18	\$11.83	\$901	309							\$ 901	\$ 901	\$ -
8/31/2020	1	374.307	65.31	\$11.27	\$736	309							\$ 736	\$ 736	\$ -
8/31/2020	2	371.397	64.4	\$10.43	\$672	307							\$ 672	\$ 672	\$ -
8/31/2020	3	377.274	68.27	\$10.42	\$711	309							\$ 711	\$ 711	\$ -
8/31/2020	4	393.148	84.15	\$11.64	\$980	309							\$ 980	\$ 980	\$ -
8/31/2020	5	431.701	122.7	\$14.05	\$1,724	309							\$ 1,724	\$ 1,321	\$ 403
8/31/2020	6	459.357	149.36	\$15.16	\$2,264	310							\$ 2,264	\$ 1,425	\$ 839
8/31/2020	7	480.059	171.06	\$16.17	\$2,766	309							\$ 2,766	\$ 1,520	\$ 1,246
8/31/2020	8	494.748	184.75	\$17.89	\$3,305	310							\$ 3,305	\$ 1,682	\$ 1,624
8/31/2020	9	511.269	170.27	\$19.57	\$3,332	341							\$ 3,332	\$ 1,840	\$ 1,493
8/31/2020	10	524.784	82.78	\$20.82	\$1,723	442							\$ 1,723	\$ 1,723	\$ -
8/31/2020	11	543.053			\$0	566							\$ -	\$ -	\$ -
8/31/2020	12	554.423			\$0	600							\$ -	\$ -	\$ -
8/31/2020	13	574.823			\$0	604							\$ -	\$ -	\$ -
8/31/2020	14	597.17	0	\$0.00	\$0	601							\$ -	\$ -	\$ -
8/31/2020	15	606.022	4.02	\$28.92	\$116	602							\$ 116	\$ 116	\$ -
8/31/2020	16	616.954	13.95	\$29.48	\$411	603							\$ 411	\$ 411	\$ -
8/31/2020	17	606.345	1.35	\$27.96	\$38	605							\$ 38	\$ 38	\$ -
8/31/2020	18	592.684			\$0	604							\$ -	\$ -	\$ -
8/31/2020	19	588.769			\$0	602							\$ -	\$ -	\$ -
8/31/2020	20	565.1			\$0	603							\$ -	\$ -	\$ -
8/31/2020	21	529.705	0	\$0.00	\$0	597							\$ -	\$ -	\$ -
8/31/2020	22	494.442	0	\$0.00	\$0	579							\$ -	\$ -	\$ -
8/31/2020	23	462.455	0	\$0.00	\$0	527							\$ -	\$ -	\$ -

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)	
9/1/2020	0	441.103	0	\$0.00	\$0	507							\$	-	\$	-
9/1/2020	1	426.327	0	\$0.00	\$0	488							\$	-	\$	-
9/1/2020	2	418.446	0	\$0.00	\$0	551							\$	-	\$	-
9/1/2020	3	416.324			\$0	599							\$	-	\$	-
9/1/2020	4	428.09			\$0	603							\$	-	\$	-
9/1/2020	5	465.412			\$0	604							\$	-	\$	-
9/1/2020	6	497.793			\$0	598							\$	-	\$	-
9/1/2020	7	512.445			\$0	601							\$	-	\$	-
9/1/2020	8	544.059			\$0	601							\$	-	\$	-
9/1/2020	9	581.439			\$0	602							\$	-	\$	-
9/1/2020	10	620.629	18.63	\$25.46	\$474	602							\$	474	\$	474
9/1/2020	11	644.002	41	\$28.21	\$1,157	603							\$	1,157	\$	1,157
9/1/2020	12	667.594	65.59	\$31.11	\$2,041	602							\$	2,041	\$	2,041
9/1/2020	13	685.122	82.12	\$33.60	\$2,759	603							\$	2,759	\$	2,759
9/1/2020	14	693.773	91.77	\$35.93	\$3,297	602							\$	3,297	\$	3,297
9/1/2020	15	688.758	101.76	\$45.66	\$4,646	587							\$	4,646	\$	4,292
9/1/2020	16	683.022	81.02	\$39.50	\$3,200	602							\$	3,200	\$	3,200
9/1/2020	17	664.46	63.46	\$32.44	\$2,059	601							\$	2,059	\$	2,059
9/1/2020	18	646.345	43.35	\$31.39	\$1,361	603							\$	1,361	\$	1,361
9/1/2020	19	642.234	40.23	\$28.09	\$1,130	602							\$	1,130	\$	1,130
9/1/2020	20	622.669	21.67	\$23.80	\$516	601							\$	516	\$	516
9/1/2020	21	585.391			\$0	603							\$	-	\$	-
9/1/2020	22	546.013	0	\$0.00	\$0	595							\$	-	\$	-
9/1/2020	23	513.049	45.05	\$17.39	\$783	468							\$	783	\$	783
9/2/2020	0	482.918	78.92	\$15.74	\$1,242	404							\$	1,242	\$	1,242
9/2/2020	1	466.476	61.48	\$15.56	\$957	405							\$	957	\$	957
9/2/2020	2	459.681	54.68	\$15.04	\$822	405							\$	822	\$	822
9/2/2020	3	460.462	56.46	\$15.38	\$868	404							\$	868	\$	868
9/2/2020	4	472.028	68.03	\$15.95	\$1,085	404							\$	1,085	\$	1,085
9/2/2020	5	505.375	103.38	\$18.84	\$1,948	402							\$	1,948	\$	1,771
9/2/2020	6	534.061	253.06	\$17.96	\$4,545	281							\$	4,545	\$	1,688
9/2/2020	7	552.643	164.64	\$19.48	\$3,207	388							\$	3,207	\$	1,831
9/2/2020	8	561.484	171.48	\$22.70	\$3,893	390							\$	3,893	\$	2,134
9/2/2020	9	578.245	176.25	\$25.36	\$4,470	402							\$	4,470	\$	2,384
9/2/2020	10	598.982	131.98	\$27.12	\$3,579	467							\$	3,579	\$	2,549
9/2/2020	11	621.399	32.4	\$28.87	\$935	589							\$	935	\$	935
9/2/2020	12	649.837	48.84	\$31.20	\$1,524	601							\$	1,524	\$	1,524
9/2/2020	13	669.446	68.45	\$33.23	\$2,275	601							\$	2,275	\$	2,275
9/2/2020	14	674.15	71.15	\$37.57	\$2,673	603							\$	2,673	\$	2,673
9/2/2020	15	657.357	55.36	\$44.31	\$2,453	602							\$	2,453	\$	2,453
9/2/2020	16	650.532	48.53	\$40.82	\$1,981	602							\$	1,981	\$	1,981
9/2/2020	17	639.809	37.81	\$31.10	\$1,176	602							\$	1,176	\$	1,176
9/2/2020	18	625.076	22.08	\$29.11	\$643	603							\$	643	\$	643
9/2/2020	19	621.046	20.05	\$27.16	\$545	601							\$	545	\$	545
9/2/2020	20	598.399	0	\$0.00	\$0	602							\$	-	\$	-
9/2/2020	21	560.198	29.2	\$22.02	\$643	531							\$	643	\$	643
9/2/2020	22	520.98	181.98	\$19.76	\$3,596	339							\$	3,596	\$	1,857
9/2/2020	23	487.758	225.76	\$18.92	\$4,271	262							\$	4,271	\$	1,778
9/3/2020	0	463.341	211.34	\$17.56	\$3,711	252							\$	3,711	\$	1,651
9/3/2020	1	444.673	193.67	\$16.53	\$3,201	251							\$	3,201	\$	1,554
9/3/2020	2	436.199	186.2	\$15.87	\$2,955	250							\$	2,955	\$	1,492
9/3/2020	3	436.276	192.28	\$16.10	\$3,096	244							\$	3,096	\$	1,513
9/3/2020	4	452.837	201.84	\$17.61	\$3,554	251							\$	3,554	\$	1,655
9/3/2020	5	487.059	235.06	\$18.93	\$4,450	252							\$	4,450	\$	1,779
9/3/2020	6	517.337	264.34	\$19.50	\$5,155	253							\$	5,155	\$	1,833
9/3/2020	7	530.926	278.93	\$20.25	\$5,648	252							\$	5,648	\$	1,904

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
9/3/2020	8	541.73	283.73	\$22.92	\$6,503	258							\$ 6,503	\$ 2,154	\$ 4,349
9/3/2020	9	552.603	181.6	\$26.38	\$4,791	371							\$ 4,791	\$ 2,480	\$ 2,311
9/3/2020	10	578.974	61.97	\$28.23	\$1,749	517							\$ 1,749	\$ 1,749	\$ -
9/3/2020	11	615.249	15.25	\$29.06	\$443	600							\$ 443	\$ 443	\$ -
9/3/2020	12	642.794	41.79	\$31.38	\$1,311	601							\$ 1,311	\$ 1,311	\$ -
9/3/2020	13	661.241	58.24	\$33.22	\$1,935	603							\$ 1,935	\$ 1,935	\$ -
9/3/2020	14	664.181	59.18	\$35.89	\$2,124	605							\$ 2,124	\$ 2,124	\$ -
9/3/2020	15	660.031	54.03	\$40.70	\$2,199	606							\$ 2,199	\$ 2,199	\$ -
9/3/2020	16	681.838	77.84	\$36.47	\$2,839	604							\$ 2,839	\$ 2,839	\$ -
9/3/2020	17	670.142	66.14	\$30.68	\$2,029	604							\$ 2,029	\$ 2,029	\$ -
9/3/2020	18	639.853	35.85	\$28.15	\$1,009	604							\$ 1,009	\$ 1,009	\$ -
9/3/2020	19	623.156	24.16	\$26.80	\$647	599							\$ 647	\$ 647	\$ -
9/3/2020	20	600.378			\$0	603							\$ -	\$ -	\$ -
9/3/2020	21	561.899			\$0	583							\$ -	\$ -	\$ -
9/3/2020	22	523.644			\$0	527							\$ -	\$ -	\$ -
9/3/2020	23	489.314	33.31	\$18.10	\$603	456							\$ 603	\$ 603	\$ -
9/4/2020	0	465.868	64.87	\$17.72	\$1,149	401							\$ 1,149	\$ 1,149	\$ -
9/4/2020	1	449.427	121.43	\$15.61	\$1,896	328							\$ 1,896	\$ 1,467	\$ 428
9/4/2020	2	439.125	131.13	\$15.08	\$1,977	308							\$ 1,977	\$ 1,418	\$ 560
9/4/2020	3	431.385	121.39	\$15.26	\$1,852	310							\$ 1,852	\$ 1,434	\$ 418
9/4/2020	4	435.263	124.26	\$16.36	\$2,033	311							\$ 2,033	\$ 1,538	\$ 495
9/4/2020	5	456.496	79.5	\$18.69	\$1,486	377							\$ 1,486	\$ 1,486	\$ -
9/4/2020	6	466.124	0	\$0.00	\$0	496							\$ -	\$ -	\$ -
9/4/2020	7	482.892	41.89	\$19.02	\$797	441							\$ 797	\$ 797	\$ -
9/4/2020	8	508.332	40.33	\$20.12	\$811	468							\$ 811	\$ 811	\$ -
9/4/2020	9	529.586			\$0	586							\$ -	\$ -	\$ -
9/4/2020	10	553.12			\$0	603							\$ -	\$ -	\$ -
9/4/2020	11	571.934			\$0	602							\$ -	\$ -	\$ -
9/4/2020	12	591.572			\$0	603							\$ -	\$ -	\$ -
9/4/2020	13	603.354	2.35	\$25.41	\$60	601							\$ 60	\$ 60	\$ -
9/4/2020	14	604.496	8.5	\$27.49	\$234	596							\$ 234	\$ 234	\$ -
9/4/2020	15	599.714			\$0	604							\$ -	\$ -	\$ -
9/4/2020	16	594.854			\$0	603							\$ -	\$ -	\$ -
9/4/2020	17	574.222			\$0	587							\$ -	\$ -	\$ -
9/4/2020	18	537.83			\$0	603							\$ -	\$ -	\$ -
9/4/2020	19	521.87			\$0	602							\$ -	\$ -	\$ -
9/4/2020	20	495.343			\$0	564							\$ -	\$ -	\$ -
9/4/2020	21	460.993			\$0	470							\$ -	\$ -	\$ -
9/4/2020	22	420.523	0	\$0.00	\$0	437							\$ -	\$ -	\$ -
9/4/2020	23	388.279	62.28	\$14.72	\$917	326							\$ 917	\$ 917	\$ -
9/5/2020	0	366.916	57.92	\$14.20	\$822	309							\$ 822	\$ 822	\$ -
9/5/2020	1	349.303	41.3	\$13.81	\$570	308							\$ 570	\$ 570	\$ -
9/5/2020	2	336.59	26.59	\$13.01	\$346	310							\$ 346	\$ 346	\$ -
9/5/2020	3	330.716	21.72	\$12.17	\$264	309							\$ 264	\$ 264	\$ -
9/5/2020	4	330.755	22.76	\$12.09	\$275	308							\$ 275	\$ 275	\$ -
9/5/2020	5	334.752	25.75	\$12.13	\$312	309							\$ 312	\$ 312	\$ -
9/5/2020	6	337.713	31.71	\$12.80	\$406	306							\$ 406	\$ 406	\$ -
9/5/2020	7	356.637	49.64	\$14.29	\$709	307							\$ 709	\$ 709	\$ -
9/5/2020	8	384.402	77.4	\$15.22	\$1,178	307							\$ 1,178	\$ 1,178	\$ -
9/5/2020	9	413.122	106.12	\$14.99	\$1,591	307							\$ 1,591	\$ 1,409	\$ 182
9/5/2020	10	435.706	128.71	\$15.91	\$2,048	307							\$ 2,048	\$ 1,496	\$ 552
9/5/2020	11	455.261	143.26	\$17.30	\$2,478	312							\$ 2,478	\$ 1,626	\$ 852
9/5/2020	12	477.01	120.01	\$18.66	\$2,239	357							\$ 2,239	\$ 1,754	\$ 485
9/5/2020	13	494.79	144.79	\$19.16	\$2,774	350							\$ 2,774	\$ 1,801	\$ 973
9/5/2020	14	513.518	95.52	\$20.00	\$1,910	418							\$ 1,910	\$ 1,880	\$ 30
9/5/2020	15	529.12			\$0	543							\$ -	\$ -	\$ -

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate	Intermediate	Intermediate			
													Calculation (\$)	Calculation (\$)	Calculation (\$)			
9/5/2020	16	534.927			\$0	601							\$	-	\$	-	\$	-
9/5/2020	17	526.054			\$0	603							\$	-	\$	-	\$	-
9/5/2020	18	499.528			\$0	594							\$	-	\$	-	\$	-
9/5/2020	19	482.792			\$0	573							\$	-	\$	-	\$	-
9/5/2020	20	460.197	0	\$0.00	\$0	486							\$	-	\$	-	\$	-
9/5/2020	21	430.594	63.59	\$15.22	\$968	367							\$	968	\$	968	\$	-
9/5/2020	22	400.106	89.11	\$14.57	\$1,298	311							\$	1,298	\$	1,298	\$	-
9/5/2020	23	377.525	69.53	\$13.06	\$908	308							\$	908	\$	908	\$	-
9/6/2020	0	356.754	47.75	\$12.38	\$591	309							\$	591	\$	591	\$	-
9/6/2020	1	341.818	42.82	\$11.80	\$505	299							\$	505	\$	505	\$	-
9/6/2020	2	333.799	26.8	\$11.33	\$304	307							\$	304	\$	304	\$	-
9/6/2020	3	325.874	17.87	\$10.66	\$190	308							\$	190	\$	190	\$	-
9/6/2020	4	323.915	16.92	\$10.60	\$179	307							\$	179	\$	179	\$	-
9/6/2020	5	326.917	18.92	\$10.87	\$206	308							\$	206	\$	206	\$	-
9/6/2020	6	327.989	21.99	\$11.08	\$244	306							\$	244	\$	244	\$	-
9/6/2020	7	348.803	41.8	\$12.35	\$516	307							\$	516	\$	516	\$	-
9/6/2020	8	380.564	73.56	\$14.20	\$1,045	307							\$	1,045	\$	1,045	\$	-
9/6/2020	9	411.088	102.09	\$15.47	\$1,579	309							\$	1,579	\$	1,454	\$	125
9/6/2020	10	448.625	140.63	\$16.95	\$2,384	308							\$	2,384	\$	1,593	\$	790
9/6/2020	11	479.018	172.02	\$18.10	\$3,114	307							\$	3,114	\$	1,701	\$	1,412
9/6/2020	12	504.425	197.43	\$19.54	\$3,858	307							\$	3,858	\$	1,837	\$	2,021
9/6/2020	13	517.923	208.92	\$21.22	\$4,433	309							\$	4,433	\$	1,995	\$	2,439
9/6/2020	14	525.755	216.76	\$22.08	\$4,786	309							\$	4,786	\$	2,076	\$	2,711
9/6/2020	15	520.777	215.78	\$24.12	\$5,205	305							\$	5,205	\$	2,267	\$	2,937
9/6/2020	16	524.852	135.85	\$25.86	\$3,513	389							\$	3,513	\$	2,431	\$	1,082
9/6/2020	17	525.986	33.99	\$22.56	\$767	492							\$	767	\$	767	\$	-
9/6/2020	18	499.633	73.63	\$22.04	\$1,623	426							\$	1,623	\$	1,623	\$	-
9/6/2020	19	492.692	146.69	\$20.78	\$3,048	346							\$	3,048	\$	1,953	\$	1,095
9/6/2020	20	471.98	162.98	\$17.96	\$2,927	309							\$	2,927	\$	1,688	\$	1,239
9/6/2020	21	444.517	135.52	\$16.68	\$2,260	309							\$	2,260	\$	1,568	\$	693
9/6/2020	22	414.925	106.93	\$15.20	\$1,625	308							\$	1,625	\$	1,429	\$	197
9/6/2020	23	389.217	82.22	\$13.06	\$1,074	307							\$	1,074	\$	1,074	\$	-
9/7/2020	0	365.418	57.42	\$11.61	\$667	308							\$	667	\$	667	\$	-
9/7/2020	1	349.592	42.59	\$10.34	\$440	307							\$	440	\$	440	\$	-
9/7/2020	2	338.704	31.7	\$10.23	\$324	307							\$	324	\$	324	\$	-
9/7/2020	3	331.729	23.73	\$10.11	\$240	308							\$	240	\$	240	\$	-
9/7/2020	4	334.742	27.74	\$10.06	\$279	307							\$	279	\$	279	\$	-
9/7/2020	5	344.753	36.75	\$10.20	\$375	308							\$	375	\$	375	\$	-
9/7/2020	6	345.73	38.73	\$10.19	\$395	307							\$	395	\$	395	\$	-
9/7/2020	7	363.612	57.61	\$12.29	\$708	306							\$	708	\$	708	\$	-
9/7/2020	8	401.229	93.23	\$14.37	\$1,340	308							\$	1,340	\$	1,340	\$	-
9/7/2020	9	445.552	135.55	\$15.80	\$2,142	310							\$	2,142	\$	1,485	\$	656
9/7/2020	10	485.7	103.7	\$18.82	\$1,952	382							\$	1,952	\$	1,769	\$	183
9/7/2020	11	522.938	107.94	\$21.14	\$2,282	415							\$	2,282	\$	1,987	\$	295
9/7/2020	12	554.866	9.87	\$23.12	\$228	545							\$	228	\$	228	\$	-
9/7/2020	13	579.104			\$0	602							\$	-	\$	-	\$	-
9/7/2020	14	600.686			\$0	602							\$	-	\$	-	\$	-
9/7/2020	15	613.716	11.72	\$28.23	\$331	602							\$	331	\$	331	\$	-
9/7/2020	16	614.529	14.53	\$31.17	\$453	600							\$	453	\$	453	\$	-
9/7/2020	17	600.74			\$0	601							\$	-	\$	-	\$	-
9/7/2020	18	580.25			\$0	587							\$	-	\$	-	\$	-
9/7/2020	19	575.386			\$0	604							\$	-	\$	-	\$	-
9/7/2020	20	545.955	18.96	\$19.53	\$370	527							\$	370	\$	370	\$	-
9/7/2020	21	507.727	97.73	\$17.68	\$1,728	410							\$	1,728	\$	1,662	\$	66
9/7/2020	22	471.671	158.67	\$16.21	\$2,572	313							\$	2,572	\$	1,524	\$	1,048
9/7/2020	23	440.476	132.48	\$15.13	\$2,004	308							\$	2,004	\$	1,422	\$	582



Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)	
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6
9/8/2020	0	409.967	100.97	\$14.91	\$1,505	309							\$ 1,505	\$ 1,402	\$ 104
9/8/2020	1	392.178	86.18	\$14.03	\$1,209	306							\$ 1,209	\$ 1,209	\$ -
9/8/2020	2	379.24	71.24	\$13.44	\$957	308							\$ 957	\$ 957	\$ -
9/8/2020	3	373.258	63.26	\$13.71	\$867	310							\$ 867	\$ 867	\$ -
9/8/2020	4	390.011	82.01	\$14.44	\$1,184	308							\$ 1,184	\$ 1,184	\$ -
9/8/2020	5	428.504	119.5	\$17.19	\$2,054	309							\$ 2,054	\$ 1,616	\$ 438
9/8/2020	6	453.027	146.03	\$18.43	\$2,691	307							\$ 2,691	\$ 1,732	\$ 959
9/8/2020	7	477.319	175.32	\$19.32	\$3,387	302							\$ 3,387	\$ 1,816	\$ 1,571
9/8/2020	8	510.298	104.3	\$22.84	\$2,382	406							\$ 2,382	\$ 2,147	\$ 235
9/8/2020	9	557.363	46.36	\$26.94	\$1,249	511							\$ 1,249	\$ 1,249	\$ -
9/8/2020	10	599.742	8.74	\$31.01	\$271	591							\$ 271	\$ 271	\$ -
9/8/2020	11	640.149	36.15	\$33.75	\$1,220	604							\$ 1,220	\$ 1,220	\$ -
9/8/2020	12	672.419	68.42	\$38.80	\$2,655	604							\$ 2,655	\$ 2,655	\$ -
9/8/2020	13	696.84			\$0	607	30	21	35	43	41	42	\$ -	\$ -	\$ -
9/8/2020	14	715.742			\$0	606	38	38	37	38	37	39	\$ -	\$ -	\$ -
9/8/2020	15	717.73			\$0	604	29	31	31	30	31	30	\$ -	\$ -	\$ -
9/8/2020	16	717.771			\$0	606	51	51	51	51	50	53	\$ -	\$ -	\$ -
9/8/2020	17	699.965	28.97	\$39.09	\$1,132	605	16	19	18	13	17	11	\$ 1,132	\$ 1,132	\$ -
9/8/2020	18	670.356	63.36	\$36.90	\$2,338	607							\$ 2,338	\$ 2,338	\$ -
9/8/2020	19	649.558	46.56	\$31.08	\$1,447	603							\$ 1,447	\$ 1,447	\$ -
9/8/2020	20	612.972	8.97	\$24.57	\$220	604							\$ 220	\$ 220	\$ -
9/8/2020	21	568.555	0	\$0.00	\$0	604							\$ -	\$ -	\$ -
9/8/2020	22	522.157	0	\$0.00	\$0	606							\$ -	\$ -	\$ -
9/8/2020	23	483.771	0	\$0.00	\$0	607							\$ -	\$ -	\$ -
9/9/2020	0	455.64	0	\$0.00	\$0	606							\$ -	\$ -	\$ -
9/9/2020	1	431.28	0	\$0.00	\$0	604							\$ -	\$ -	\$ -
9/9/2020	2	417.871	0	\$0.00	\$0	571							\$ -	\$ -	\$ -
9/9/2020	3	415.085	0	\$0.00	\$0	460							\$ -	\$ -	\$ -
9/9/2020	4	426.903	90.9	\$15.96	\$1,451	336							\$ 1,451	\$ 1,451	\$ -
9/9/2020	5	460.243	115.24	\$17.97	\$2,071	345							\$ 2,071	\$ 1,689	\$ 382
9/9/2020	6	480.658	169.66	\$18.59	\$3,154	311							\$ 3,154	\$ 1,747	\$ 1,407
9/9/2020	7	497.862	135.86	\$18.75	\$2,547	362							\$ 2,547	\$ 1,763	\$ 785
9/9/2020	8	527.178	31.18	\$21.95	\$684	496							\$ 684	\$ 684	\$ -
9/9/2020	9	565.587	0	\$0.00	\$0	594							\$ -	\$ -	\$ -
9/9/2020	10	601.896	0	\$0.00	\$0	604							\$ -	\$ -	\$ -
9/9/2020	11	641.268	36.27	\$32.45	\$1,177	605							\$ 1,177	\$ 1,177	\$ -
9/9/2020	12	672.619	67.62	\$38.38	\$2,595	605							\$ 2,595	\$ 2,595	\$ -
9/9/2020	13	702.942	96.94	\$47.10	\$4,566	606							\$ 4,566	\$ 4,427	\$ 138
9/9/2020	14	719.851	113.85	\$53.90	\$6,137	606							\$ 6,137	\$ 5,067	\$ 1,070
9/9/2020	15	715.842	111.84	\$62.03	\$6,937	604							\$ 6,937	\$ 5,831	\$ 1,107
9/9/2020	16	715.82	110.82	\$58.95	\$6,533	605							\$ 6,533	\$ 5,541	\$ 992
9/9/2020	17	698.066	93.07	\$38.82	\$3,613	605							\$ 3,613	\$ 3,613	\$ -
9/9/2020	18	667.693	61.69	\$30.67	\$1,892	606							\$ 1,892	\$ 1,892	\$ -
9/9/2020	19	649.13	47.13	\$27.99	\$1,319	602							\$ 1,319	\$ 1,319	\$ -
9/9/2020	20	613.755	6.76	\$24.14	\$163	607							\$ 163	\$ 163	\$ -
9/9/2020	21	567.613	0	\$0.00	\$0	605							\$ -	\$ -	\$ -
9/9/2020	22	522.363	0	\$0.00	\$0	605							\$ -	\$ -	\$ -
9/9/2020	23	487	0	\$0.00	\$0	600							\$ -	\$ -	\$ -
9/10/2020	0	455.647	0	\$0.00	\$0	582							\$ -	\$ -	\$ -
9/10/2020	1	433.231	0	\$0.00	\$0	510							\$ -	\$ -	\$ -
9/10/2020	2	420.751	0	\$0.00	\$0	427							\$ -	\$ -	\$ -
9/10/2020	3	417.646	0	\$0.00	\$0	426							\$ -	\$ -	\$ -
9/10/2020	4	432.207	0	\$0.00	\$0	519							\$ -	\$ -	\$ -
9/10/2020	5	466.463	0	\$0.00	\$0	600							\$ -	\$ -	\$ -
9/10/2020	6	490.08			\$0	604							\$ -	\$ -	\$ -
9/10/2020	7	516.549			\$0	605							\$ -	\$ -	\$ -

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
9/10/2020	8	556.84			\$0	604							\$ -	\$ -	\$ -
9/10/2020	9	603.171			\$0	604							\$ -	\$ -	\$ -
9/10/2020	10	645.222	41.22	\$28.01	\$1,155	604							\$ 1,155	\$ 1,155	\$ -
9/10/2020	11	678.564	74.56	\$30.03	\$2,239	604							\$ 2,239	\$ 2,239	\$ -
9/10/2020	12	698.084	93.08	\$33.94	\$3,159	605							\$ 3,159	\$ 3,159	\$ -
9/10/2020	13	716.628	127.63	\$39.68	\$5,064	589							\$ 5,064	\$ 3,730	\$ 1,334
9/10/2020	14	723.495	118.5	\$42.48	\$5,034	605							\$ 5,034	\$ 3,993	\$ 1,041
9/10/2020	15	721.565	117.57	\$47.15	\$5,543	604							\$ 5,543	\$ 4,432	\$ 1,111
9/10/2020	16	710.733	106.73	\$40.92	\$4,367	604							\$ 4,367	\$ 3,846	\$ 521
9/10/2020	17	689.292	82.29	\$32.22	\$2,651	607							\$ 2,651	\$ 2,651	\$ -
9/10/2020	18	665.786	61.79	\$28.76	\$1,777	604							\$ 1,777	\$ 1,777	\$ -
9/10/2020	19	656.053	52.05	\$26.65	\$1,387	604							\$ 1,387	\$ 1,387	\$ -
9/10/2020	20	623.842	17.84	\$24.65	\$440	606							\$ 440	\$ 440	\$ -
9/10/2020	21	585.546			\$0	604							\$ -	\$ -	\$ -
9/10/2020	22	544.491	0	\$0.00	\$0	604							\$ -	\$ -	\$ -
9/10/2020	23	511.127	0	\$0.00	\$0	602							\$ -	\$ -	\$ -
9/11/2020	0	483.48	0	\$0.00	\$0	597							\$ -	\$ -	\$ -
9/11/2020	1	460.814	0	\$0.00	\$0	562							\$ -	\$ -	\$ -
9/11/2020	2	444.146	0	\$0.00	\$0	490							\$ -	\$ -	\$ -
9/11/2020	3	438.21	47.21	\$16.24	\$767	391							\$ 767	\$ 767	\$ -
9/11/2020	4	448.206	100.21	\$17.06	\$1,710	348							\$ 1,710	\$ 1,604	\$ 106
9/11/2020	5	477.66	34.66	\$18.62	\$645	443							\$ 645	\$ 645	\$ -
9/11/2020	6	497.287	0	\$0.00	\$0	579							\$ -	\$ -	\$ -
9/11/2020	7	507.025			\$0	603							\$ -	\$ -	\$ -
9/11/2020	8	514.917			\$0	602							\$ -	\$ -	\$ -
9/11/2020	9	522.852			\$0	603							\$ -	\$ -	\$ -
9/11/2020	10	529.88			\$0	599							\$ -	\$ -	\$ -
9/11/2020	11	535.77			\$0	602							\$ -	\$ -	\$ -
9/11/2020	12	537.681			\$0	604							\$ -	\$ -	\$ -
9/11/2020	13	537.573			\$0	603							\$ -	\$ -	\$ -
9/11/2020	14	538.531	0	\$0.00	\$0	603							\$ -	\$ -	\$ -
9/11/2020	15	530.758	0	\$0.00	\$0	605							\$ -	\$ -	\$ -
9/11/2020	16	521.875			\$0	600							\$ -	\$ -	\$ -
9/11/2020	17	505.185			\$0	603							\$ -	\$ -	\$ -
9/11/2020	18	496.281			\$0	601							\$ -	\$ -	\$ -
9/11/2020	19	497.303			\$0	604							\$ -	\$ -	\$ -
9/11/2020	20	482.517			\$0	553							\$ -	\$ -	\$ -
9/11/2020	21	459.719	0	\$0.00	\$0	547							\$ -	\$ -	\$ -
9/11/2020	22	433.312	0	\$0.00	\$0	459							\$ -	\$ -	\$ -
9/11/2020	23	408.029	44.03	\$15.66	\$690	364							\$ 690	\$ 690	\$ -
9/12/2020	0	388.564	55.56	\$15.51	\$862	333							\$ 862	\$ 862	\$ -
9/12/2020	1	373.782	55.78	\$14.86	\$829	318							\$ 829	\$ 829	\$ -
9/12/2020	2	360.946	49.95	\$14.00	\$699	311							\$ 699	\$ 699	\$ -
9/12/2020	3	359.023	51.02	\$13.90	\$709	308							\$ 709	\$ 709	\$ -
9/12/2020	4	359.808	48.81	\$14.51	\$708	311							\$ 708	\$ 708	\$ -
9/12/2020	5	368.623	52.62	\$14.78	\$778	316							\$ 778	\$ 778	\$ -
9/12/2020	6	376.588	60.59	\$15.20	\$921	316							\$ 921	\$ 921	\$ -
9/12/2020	7	395.59	86.59	\$16.02	\$1,387	309							\$ 1,387	\$ 1,387	\$ -
9/12/2020	8	416.336	107.34	\$18.34	\$1,969	309							\$ 1,969	\$ 1,724	\$ 245
9/12/2020	9	431.1	93.1	\$18.04	\$1,680	338							\$ 1,680	\$ 1,680	\$ -
9/12/2020	10	453.675	97.68	\$23.14	\$2,260	356							\$ 2,260	\$ 2,175	\$ 85
9/12/2020	11	483.921	25.92	\$24.69	\$640	458							\$ 640	\$ 640	\$ -
9/12/2020	12	514.088			\$0	566							\$ -	\$ -	\$ -
9/12/2020	13	546.473			\$0	604							\$ -	\$ -	\$ -
9/12/2020	14	577.896			\$0	604							\$ -	\$ -	\$ -
9/12/2020	15	604.397	1.4	\$33.95	\$48	603							\$ 48	\$ 48	\$ -

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
9/12/2020	16	613.157	8.16	\$34.22	\$279	605							\$ 279	\$ 279	\$ -
9/12/2020	17	603.534	2.53	\$27.84	\$70	601							\$ 70	\$ 70	\$ -
9/12/2020	18	588.914			\$0	602							\$ -	\$ -	\$ -
9/12/2020	19	583.001			\$0	605							\$ -	\$ -	\$ -
9/12/2020	20	562.313			\$0	601							\$ -	\$ -	\$ -
9/12/2020	21	533.93	0	\$0.00	\$0	583							\$ -	\$ -	\$ -
9/12/2020	22	505.483	0	\$0.00	\$0	592							\$ -	\$ -	\$ -
9/12/2020	23	472.225	0	\$0.00	\$0	505							\$ -	\$ -	\$ -
9/13/2020	0	447.821	43.82	\$15.38	\$674	404							\$ 674	\$ 674	\$ -
9/13/2020	1	430.187	111.19	\$15.13	\$1,682	319							\$ 1,682	\$ 1,422	\$ 260
9/13/2020	2	418.564	106.56	\$14.07	\$1,499	312							\$ 1,499	\$ 1,323	\$ 177
9/13/2020	3	409.819	99.82	\$13.95	\$1,392	310							\$ 1,392	\$ 1,311	\$ 81
9/13/2020	4	406.916	95.92	\$14.25	\$1,367	311							\$ 1,367	\$ 1,340	\$ 27
9/13/2020	5	410.89	101.89	\$14.56	\$1,484	309							\$ 1,484	\$ 1,369	\$ 115
9/13/2020	6	416.759	106.76	\$14.63	\$1,562	310							\$ 1,562	\$ 1,375	\$ 187
9/13/2020	7	431.572	120.57	\$15.35	\$1,851	311							\$ 1,851	\$ 1,443	\$ 408
9/13/2020	8	458.156	159.16	\$16.36	\$2,604	299							\$ 2,604	\$ 1,538	\$ 1,066
9/13/2020	9	485.73	175.73	\$18.84	\$3,311	310							\$ 3,311	\$ 1,771	\$ 1,540
9/13/2020	10	506.127	159.13	\$20.80	\$3,310	347							\$ 3,310	\$ 1,955	\$ 1,355
9/13/2020	11	537.442	148.44	\$21.02	\$3,120	389							\$ 3,120	\$ 1,976	\$ 1,144
9/13/2020	12	561.784	109.78	\$22.92	\$2,516	452							\$ 2,516	\$ 2,154	\$ 362
9/13/2020	13	573.286			\$0	574							\$ -	\$ -	\$ -
9/13/2020	14	579.867			\$0	606							\$ -	\$ -	\$ -
9/13/2020	15	576.816			\$0	603							\$ -	\$ -	\$ -
9/13/2020	16	572.886			\$0	603							\$ -	\$ -	\$ -
9/13/2020	17	561.185			\$0	602							\$ -	\$ -	\$ -
9/13/2020	18	544.368			\$0	601							\$ -	\$ -	\$ -
9/13/2020	19	543.445			\$0	602							\$ -	\$ -	\$ -
9/13/2020	20	516.915			\$0	598							\$ -	\$ -	\$ -
9/13/2020	21	479.568			\$0	591							\$ -	\$ -	\$ -
9/13/2020	22	444.26			\$0	484							\$ -	\$ -	\$ -
9/13/2020	23	414.999	36	\$16.54	\$595	379							\$ 595	\$ 595	\$ -
9/14/2020	0	390.521	80.52	\$15.25	\$1,228	310							\$ 1,228	\$ 1,228	\$ -
9/14/2020	1	375.945	65.95	\$14.36	\$947	310							\$ 947	\$ 947	\$ -
9/14/2020	2	368.202	58.2	\$13.78	\$802	310							\$ 802	\$ 802	\$ -
9/14/2020	3	369.209	59.21	\$13.72	\$812	310							\$ 812	\$ 812	\$ -
9/14/2020	4	381.929	70.93	\$14.60	\$1,036	311							\$ 1,036	\$ 1,036	\$ -
9/14/2020	5	415.567	104.57	\$16.81	\$1,758	311							\$ 1,758	\$ 1,580	\$ 178
9/14/2020	6	437.034	110.93	\$18.49	\$2,051	326.1							\$ 2,051	\$ 1,738	\$ 313
9/14/2020	7	452.373	132.27	\$19.22	\$2,542	320.1							\$ 2,542	\$ 1,807	\$ 736
9/14/2020	8	475.784	173.78	\$20.81	\$3,616	302							\$ 3,616	\$ 1,956	\$ 1,660
9/14/2020	9	502.705	193.71	\$22.78	\$4,413	309							\$ 4,413	\$ 2,141	\$ 2,271
9/14/2020	10	531.366	211.37	\$23.26	\$4,916	320							\$ 4,916	\$ 2,186	\$ 2,730
9/14/2020	11	556.656	136.66	\$24.20	\$3,307	420							\$ 3,307	\$ 2,275	\$ 1,032
9/14/2020	12	575.085	22.09	\$27.27	\$602	553							\$ 602	\$ 602	\$ -
9/14/2020	13	591.78			\$0	592							\$ -	\$ -	\$ -
9/14/2020	14	602.605	1.61	\$31.71	\$51	601							\$ 51	\$ 51	\$ -
9/14/2020	15	598.71			\$0	603							\$ -	\$ -	\$ -
9/14/2020	16	585.907			\$0	600							\$ -	\$ -	\$ -
9/14/2020	17	564.345			\$0	604							\$ -	\$ -	\$ -
9/14/2020	18	541.666			\$0	604							\$ -	\$ -	\$ -
9/14/2020	19	534.989			\$0	603							\$ -	\$ -	\$ -
9/14/2020	20	504.773	0	\$0.00	\$0	596							\$ -	\$ -	\$ -
9/14/2020	21	470.557	0	\$0.00	\$0	517							\$ -	\$ -	\$ -
9/14/2020	22	433.308	12.31	\$15.21	\$187	421							\$ 187	\$ 187	\$ -
9/14/2020	23	403.972	81.97	\$12.33	\$1,011	322							\$ 1,011	\$ 1,011	\$ -

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)			
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6		
9/15/2020	0	380.391	70.39	\$11.97	\$843	310						\$	843	\$	843	\$	-
9/15/2020	1	366.546	57.55	\$11.19	\$644	309						\$	644	\$	644	\$	-
9/15/2020	2	357.533	46.53	\$10.36	\$482	311						\$	482	\$	482	\$	-
9/15/2020	3	356.474	45.47	\$11.01	\$501	311						\$	501	\$	501	\$	-
9/15/2020	4	368.338	59.34	\$12.32	\$731	309						\$	731	\$	731	\$	-
9/15/2020	5	398.898	90.9	\$15.22	\$1,383	308						\$	1,383	\$	1,383	\$	-
9/15/2020	6	419.612	110.61	\$15.80	\$1,748	309						\$	1,748	\$	1,485	\$	262
9/15/2020	7	426.666	116.67	\$16.41	\$1,915	310						\$	1,915	\$	1,543	\$	372
9/15/2020	8	434.665	125.67	\$17.63	\$2,216	309						\$	2,216	\$	1,657	\$	558
9/15/2020	9	443.481	136.48	\$19.50	\$2,661	307						\$	2,661	\$	1,833	\$	828
9/15/2020	10	455.324	143.32	\$20.22	\$2,898	312						\$	2,898	\$	1,901	\$	997
9/15/2020	11	466	144	\$21.63	\$3,115	322						\$	3,115	\$	2,033	\$	1,082
9/15/2020	12	481.89	170.89	\$23.64	\$4,040	311						\$	4,040	\$	2,222	\$	1,818
9/15/2020	13	495.611	118.61	\$24.04	\$2,851	377						\$	2,851	\$	2,260	\$	592
9/15/2020	14	509.374	136.37	\$25.50	\$3,477	373						\$	3,477	\$	2,397	\$	1,080
9/15/2020	15	511.034	108.03	\$28.89	\$3,121	403						\$	3,121	\$	2,716	\$	405
9/15/2020	16	512.404	78.4	\$31.83	\$2,495	434						\$	2,495	\$	2,495	\$	-
9/15/2020	17	501.417	127.42	\$25.25	\$3,217	374						\$	3,217	\$	2,374	\$	844
9/15/2020	18	485.706	105.71	\$25.17	\$2,661	380						\$	2,661	\$	2,366	\$	295
9/15/2020	19	481.857	112.86	\$23.46	\$2,648	369						\$	2,648	\$	2,205	\$	442
9/15/2020	20	456.533	98.53	\$20.56	\$2,026	358						\$	2,026	\$	1,933	\$	93
9/15/2020	21	425.318	57.32	\$17.44	\$1,000	368						\$	1,000	\$	1,000	\$	-
9/15/2020	22	396.042	27.04	\$15.81	\$428	369						\$	428	\$	428	\$	-
9/15/2020	23	372.396	3.4	\$13.22	\$45	369						\$	45	\$	45	\$	-
9/16/2020	0	355.6	0	\$0.00	\$0	367						\$	-	\$	-	\$	-
9/16/2020	1	345.66	0	\$0.00	\$0	366						\$	-	\$	-	\$	-
9/16/2020	2	341.681	0	\$0.00	\$0	369						\$	-	\$	-	\$	-
9/16/2020	3	342.666	0	\$0.00	\$0	368						\$	-	\$	-	\$	-
9/16/2020	4	356.521	0	\$0.00	\$0	369						\$	-	\$	-	\$	-
9/16/2020	5	387.131	18.13	\$16.24	\$294	369						\$	294	\$	294	\$	-
9/16/2020	6	409.89	41.89	\$16.13	\$676	368						\$	676	\$	676	\$	-
9/16/2020	7	421.668	54.67	\$17.04	\$932	367						\$	932	\$	932	\$	-
9/16/2020	8	434.474	65.47	\$18.30	\$1,198	369						\$	1,198	\$	1,198	\$	-
9/16/2020	9	463.212	74.21	\$19.68	\$1,460	389						\$	1,460	\$	1,460	\$	-
9/16/2020	10	485.781	116.78	\$21.56	\$2,518	369						\$	2,518	\$	2,027	\$	491
9/16/2020	11	505.306	116.31	\$23.57	\$2,741	389						\$	2,741	\$	2,216	\$	526
9/16/2020	12	524.616	19.62	\$25.42	\$499	505						\$	499	\$	499	\$	-
9/16/2020	13	542.956	77.96	\$26.95	\$2,101	465						\$	2,101	\$	2,101	\$	-
9/16/2020	14	564.675	141.68	\$29.39	\$4,164	423						\$	4,164	\$	2,763	\$	1,401
9/16/2020	15	557.725	95.73	\$34.35	\$3,288	462						\$	3,288	\$	3,229	\$	59
9/16/2020	16	550.642		\$0	\$0	594						\$	-	\$	-	\$	-
9/16/2020	17	545.845		\$0	\$0	605						\$	-	\$	-	\$	-
9/16/2020	18	534.069		\$0	\$0	588						\$	-	\$	-	\$	-
9/16/2020	19	530.833		\$0	\$0	605						\$	-	\$	-	\$	-
9/16/2020	20	510.123		\$0	\$0	567						\$	-	\$	-	\$	-
9/16/2020	21	478.706	0	\$0.00	\$0	495						\$	-	\$	-	\$	-
9/16/2020	22	442.807	52.81	\$16.33	\$862	390						\$	862	\$	862	\$	-
9/16/2020	23	415.78	58.78	\$14.71	\$865	357						\$	865	\$	865	\$	-
9/17/2020	0	396.182	87.18	\$14.32	\$1,248	309						\$	1,248	\$	1,248	\$	-
9/17/2020	1	382.39	72.39	\$13.38	\$969	310						\$	969	\$	969	\$	-
9/17/2020	2	376.493	66.49	\$12.67	\$842	310						\$	842	\$	842	\$	-
9/17/2020	3	375.463	65.46	\$13.07	\$856	310						\$	856	\$	856	\$	-
9/17/2020	4	390.182	75.18	\$14.62	\$1,099	315						\$	1,099	\$	1,099	\$	-
9/17/2020	5	420.803	104.8	\$17.09	\$1,791	316						\$	1,791	\$	1,606	\$	185
9/17/2020	6	444.397	124.4	\$16.58	\$2,063	320						\$	2,063	\$	1,559	\$	504
9/17/2020	7	449.946	134.95	\$17.03	\$2,298	315						\$	2,298	\$	1,601	\$	697

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)	
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6
9/17/2020	8	463.495	110.5	\$17.72	\$1,958	353							\$ 1,958	\$ 1,666	\$ 292
9/17/2020	9	484.763	109.76	\$18.20	\$1,998	375							\$ 1,998	\$ 1,711	\$ 287
9/17/2020	10	507.555	203.56	\$19.03	\$3,874	304							\$ 3,874	\$ 1,789	\$ 2,085
9/17/2020	11	531.031	170.03	\$19.72	\$3,353	361							\$ 3,353	\$ 1,854	\$ 1,499
9/17/2020	12	527.186	138.19	\$20.24	\$2,797	389							\$ 2,797	\$ 1,903	\$ 894
9/17/2020	13	544.993	121.99	\$20.98	\$2,559	423							\$ 2,559	\$ 1,972	\$ 587
9/17/2020	14	559.697	112.7	\$21.73	\$2,449	447							\$ 2,449	\$ 2,043	\$ 406
9/17/2020	15	562.586	27.59	\$22.34	\$616	535							\$ 616	\$ 616	\$ -
9/17/2020	16	564.585	0	\$0.00	\$0	577							\$ -	\$ -	\$ -
9/17/2020	17	550.883	0	\$0.00	\$0	551							\$ -	\$ -	\$ -
9/17/2020	18	537.187	93.19	\$21.01	\$1,958	444							\$ 1,958	\$ 1,958	\$ -
9/17/2020	19	531.325	193.33	\$20.09	\$3,884	338							\$ 3,884	\$ 1,888	\$ 1,996
9/17/2020	20	503.175	193.18	\$17.28	\$3,338	310							\$ 3,338	\$ 1,624	\$ 1,714
9/17/2020	21	467.152	156.15	\$15.61	\$2,438	311							\$ 2,438	\$ 1,467	\$ 970
9/17/2020	22	430.607	121.61	\$14.89	\$1,811	309							\$ 1,811	\$ 1,400	\$ 411
9/17/2020	23	399.097	92.1	\$15.37	\$1,416	307							\$ 1,416	\$ 1,416	\$ -
9/18/2020	0	373.468	64.47	\$14.51	\$935	309							\$ 935	\$ 935	\$ -
9/18/2020	1	360.676	50.68	\$13.60	\$689	310							\$ 689	\$ 689	\$ -
9/18/2020	2	352.707	44.71	\$12.35	\$552	308							\$ 552	\$ 552	\$ -
9/18/2020	3	351.645	39.65	\$12.46	\$494	312							\$ 494	\$ 494	\$ -
9/18/2020	4	361.463	39.46	\$14.69	\$580	322							\$ 580	\$ 580	\$ -
9/18/2020	5	387.163	70.16	\$16.43	\$1,153	317							\$ 1,153	\$ 1,153	\$ -
9/18/2020	6	407.966	85.97	\$17.54	\$1,508	322							\$ 1,508	\$ 1,508	\$ -
9/18/2020	7	416.664	88.66	\$17.29	\$1,533	328							\$ 1,533	\$ 1,533	\$ -
9/18/2020	8	427.545	73.55	\$17.43	\$1,282	354							\$ 1,282	\$ 1,282	\$ -
9/18/2020	9	439.365	75.37	\$17.58	\$1,325	364							\$ 1,325	\$ 1,325	\$ -
9/18/2020	10	448.225	104.23	\$17.32	\$1,805	344							\$ 1,805	\$ 1,628	\$ 177
9/18/2020	11	456.04	152.04	\$17.36	\$2,639	304							\$ 2,639	\$ 1,632	\$ 1,008
9/18/2020	12	462.048	149.05	\$17.68	\$2,635	313							\$ 2,635	\$ 1,662	\$ 973
9/18/2020	13	464.05	148.05	\$17.42	\$2,579	316							\$ 2,579	\$ 1,637	\$ 942
9/18/2020	14	466.129	235.13	\$17.49	\$4,112	231							\$ 4,112	\$ 1,644	\$ 2,468
9/18/2020	15	460.284	292.28	\$17.57	\$5,135	168							\$ 5,135	\$ 1,652	\$ 3,484
9/18/2020	16	456.348	454.35	\$17.60	\$7,997	2							\$ 7,997	\$ 1,654	\$ 6,342
9/18/2020	17	444.597	444.6	\$17.16	\$7,629								\$ 7,629	\$ 1,613	\$ 6,016
9/18/2020	18	427.808	427.81	\$17.56	\$7,512								\$ 7,512	\$ 1,651	\$ 5,862
9/18/2020	19	427.774	427.77	\$17.22	\$7,366								\$ 7,366	\$ 1,619	\$ 5,748
9/18/2020	20	411.016	411.02	\$16.13	\$6,630								\$ 6,630	\$ 1,516	\$ 5,114
9/18/2020	21	391.316	391.32	\$15.16	\$5,932								\$ 5,932	\$ 1,425	\$ 4,507
9/18/2020	22	366.526	366.53	\$13.09	\$4,798								\$ 4,798	\$ 1,230	\$ 3,567
9/18/2020	23	345.732	345.73	\$13.02	\$4,501								\$ 4,501	\$ 1,224	\$ 3,278
9/19/2020	0	328.985	328.99	\$12.73	\$4,188								\$ 4,188	\$ 1,197	\$ 2,991
9/19/2020	1	319.115	319.12	\$12.62	\$4,027								\$ 4,027	\$ 1,186	\$ 2,841
9/19/2020	2	313.137	313.14	\$12.53	\$3,924								\$ 3,924	\$ 1,178	\$ 2,746
9/19/2020	3	314.12	314.12	\$12.49	\$3,923								\$ 3,923	\$ 1,174	\$ 2,749
9/19/2020	4	317.099	317.1	\$12.83	\$4,068								\$ 4,068	\$ 1,206	\$ 2,862
9/19/2020	5	327.017	327.02	\$13.13	\$4,294								\$ 4,294	\$ 1,234	\$ 3,060
9/19/2020	6	334.971	334.97	\$14.04	\$4,703								\$ 4,703	\$ 1,320	\$ 3,383
9/19/2020	7	349.795	349.8	\$14.92	\$5,219								\$ 5,219	\$ 1,402	\$ 3,817
9/19/2020	8	365.63	365.63	\$16.74	\$6,121								\$ 6,121	\$ 1,574	\$ 4,547
9/19/2020	9	374.545	374.55	\$16.90	\$6,330								\$ 6,330	\$ 1,589	\$ 4,741
9/19/2020	10	380.485	380.49	\$17.02	\$6,476								\$ 6,476	\$ 1,600	\$ 4,876
9/19/2020	11	383.434	383.43	\$17.16	\$6,580								\$ 6,580	\$ 1,613	\$ 4,967
9/19/2020	12	387.416	387.42	\$17.21	\$6,667								\$ 6,667	\$ 1,618	\$ 5,050
9/19/2020	13	387.455	387.46	\$17.01	\$6,591								\$ 6,591	\$ 1,599	\$ 4,992
9/19/2020	14	390.436	390.44	\$17.07	\$6,665								\$ 6,665	\$ 1,605	\$ 5,060
9/19/2020	15	397.361	397.36	\$17.33	\$6,886								\$ 6,886	\$ 1,629	\$ 5,257

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Beginning (HB)	Customer Demand (MW)	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
							East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5			
9/19/2020	16	401.267	401.27	\$17.58	\$7,054								\$ 7,054	\$ 1,653	\$ 5,402
9/19/2020	17	399.259	399.26	\$17.54	\$7,003								\$ 7,003	\$ 1,649	\$ 5,354
9/19/2020	18	391.413	391.41	\$18.46	\$7,225								\$ 7,225	\$ 1,735	\$ 5,490
9/19/2020	19	392.333	392.33	\$18.21	\$7,144								\$ 7,144	\$ 1,712	\$ 5,433
9/19/2020	20	377.45	377.45	\$16.70	\$6,303								\$ 6,303	\$ 1,570	\$ 4,734
9/19/2020	21	353.727	353.73	\$14.62	\$5,172								\$ 5,172	\$ 1,374	\$ 3,797
9/19/2020	22	335.912	335.91	\$13.27	\$4,458								\$ 4,458	\$ 1,247	\$ 3,210
9/19/2020	23	318.997	319	\$11.62	\$3,707								\$ 3,707	\$ 1,092	\$ 2,615
9/20/2020	0	306.033	306.03	\$11.40	\$3,489								\$ 3,489	\$ 1,072	\$ 2,417
9/20/2020	1	299.086	299.09	\$11.05	\$3,305								\$ 3,305	\$ 1,039	\$ 2,266
9/20/2020	2	294.151	294.15	\$10.41	\$3,062								\$ 3,062	\$ 979	\$ 2,084
9/20/2020	3	294.151	294.15	\$10.59	\$3,115								\$ 3,115	\$ 995	\$ 2,120
9/20/2020	4	297.052	297.05	\$10.67	\$3,170								\$ 3,170	\$ 1,003	\$ 2,167
9/20/2020	5	305.978	305.98	\$10.65	\$3,259								\$ 3,259	\$ 1,001	\$ 2,258
9/20/2020	6	312.965	312.97	\$10.83	\$3,389								\$ 3,389	\$ 1,018	\$ 2,371
9/20/2020	7	323.786	323.79	\$12.29	\$3,979								\$ 3,979	\$ 1,155	\$ 2,824
9/20/2020	8	341.578	341.58	\$13.23	\$4,519								\$ 4,519	\$ 1,244	\$ 3,275
9/20/2020	9	353.503	353.5	\$13.28	\$4,694								\$ 4,694	\$ 1,248	\$ 3,446
9/20/2020	10	363.368	360.37	\$14.25	\$5,135						3		\$ 5,135	\$ 1,340	\$ 3,796
9/20/2020	11	371.349	370.35	\$14.32	\$5,303						1		\$ 5,303	\$ 1,346	\$ 3,957
9/20/2020	12	375.284	375.28	\$14.44	\$5,419								\$ 5,419	\$ 1,357	\$ 4,062
9/20/2020	13	378.266	378.27	\$14.61	\$5,527								\$ 5,527	\$ 1,373	\$ 4,153
9/20/2020	14	386.216	386.22	\$14.76	\$5,701								\$ 5,701	\$ 1,387	\$ 4,313
9/20/2020	15	396.118	396.12	\$15.07	\$5,970								\$ 5,970	\$ 1,417	\$ 4,553
9/20/2020	16	407.009	407.01	\$16.02	\$6,520								\$ 6,520	\$ 1,506	\$ 5,014
9/20/2020	17	406.967	406.97	\$16.21	\$6,597								\$ 6,597	\$ 1,524	\$ 5,073
9/20/2020	18	403.962	403.96	\$18.68	\$7,546								\$ 7,546	\$ 1,756	\$ 5,790
9/20/2020	19	407.866	407.87	\$18.00	\$7,342								\$ 7,342	\$ 1,692	\$ 5,650
9/20/2020	20	390.112	390.11	\$15.19	\$5,926								\$ 5,926	\$ 1,428	\$ 4,498
9/20/2020	21	368.31	368.31	\$12.33	\$4,541								\$ 4,541	\$ 1,159	\$ 3,382
9/20/2020	22	345.403	345.4	\$11.72	\$4,048								\$ 4,048	\$ 1,102	\$ 2,946
9/20/2020	23	326.546	326.55	\$10.57	\$3,452								\$ 3,452	\$ 994	\$ 2,458
9/21/2020	0	313.694	313.69	\$10.22	\$3,206								\$ 3,206	\$ 961	\$ 2,245
9/21/2020	1	306.885	306.89	\$9.79	\$3,004								\$ 3,004	\$ 920	\$ 2,084
9/21/2020	2	304.883	304.88	\$9.68	\$2,951								\$ 2,951	\$ 910	\$ 2,041
9/21/2020	3	309.857	309.86	\$10.62	\$3,291								\$ 3,291	\$ 998	\$ 2,292
9/21/2020	4	326.653	326.65	\$12.48	\$4,077								\$ 4,077	\$ 1,173	\$ 2,903
9/21/2020	5	360.287	360.29	\$17.02	\$6,132								\$ 6,132	\$ 1,600	\$ 4,532
9/21/2020	6	389.089	389.09	\$17.47	\$6,797								\$ 6,797	\$ 1,642	\$ 5,155
9/21/2020	7	400.862	400.86	\$16.69	\$6,690								\$ 6,690	\$ 1,569	\$ 5,121
9/21/2020	8	410.782	410.78	\$18.23	\$7,489								\$ 7,489	\$ 1,714	\$ 5,775
9/21/2020	9	420.616	420.62	\$18.56	\$7,807								\$ 7,807	\$ 1,745	\$ 6,062
9/21/2020	10	429.483	429.48	\$18.80	\$8,074								\$ 8,074	\$ 1,767	\$ 6,307
9/21/2020	11	441.236	441.24	\$19.13	\$8,441								\$ 8,441	\$ 1,798	\$ 6,643
9/21/2020	12	448.179	448.18	\$19.97	\$8,950								\$ 8,950	\$ 1,877	\$ 7,073
9/21/2020	13	457.102	457.1	\$19.86	\$9,078								\$ 9,078	\$ 1,867	\$ 7,211
9/21/2020	14	463.038	463.04	\$19.75	\$9,145								\$ 9,145	\$ 1,857	\$ 7,289
9/21/2020	15	462.002	462	\$20.02	\$9,249								\$ 9,249	\$ 1,882	\$ 7,367
9/21/2020	16	463.022	463.02	\$20.48	\$9,483								\$ 9,483	\$ 1,925	\$ 7,558
9/21/2020	17	459.139	459.14	\$20.67	\$9,490								\$ 9,490	\$ 1,943	\$ 7,547
9/21/2020	18	450.217	450.22	\$21.31	\$9,594								\$ 9,594	\$ 2,003	\$ 7,591
9/21/2020	19	450.13	450.13	\$20.13	\$9,061								\$ 9,061	\$ 1,892	\$ 7,169
9/21/2020	20	426.589	426.59	\$18.12	\$7,730								\$ 7,730	\$ 1,703	\$ 6,027
9/21/2020	21	398.047	398.05	\$15.07	\$5,999								\$ 5,999	\$ 1,417	\$ 4,582
9/21/2020	22	370.358	370.36	\$13.27	\$4,915								\$ 4,915	\$ 1,247	\$ 3,667
9/21/2020	23	350.411	350.41	\$11.48	\$4,023								\$ 4,023	\$ 1,079	\$ 2,944

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5			
9/22/2020	0	337.448	337.45	\$9.96	\$3,361							\$ 3,361	\$ 936	\$ 2,425
9/22/2020	1	330.609	330.61	\$10.50	\$3,471							\$ 3,471	\$ 987	\$ 2,484
9/22/2020	2	326.676	326.68	\$10.29	\$3,362							\$ 3,362	\$ 967	\$ 2,394
9/22/2020	3	329.602	329.6	\$10.84	\$3,573							\$ 3,573	\$ 1,019	\$ 2,554
9/22/2020	4	344.465	344.47	\$11.83	\$4,075							\$ 4,075	\$ 1,112	\$ 2,963
9/22/2020	5	377.04	377.04	\$16.69	\$6,293							\$ 6,293	\$ 1,569	\$ 4,724
9/22/2020	6	401.772	401.77	\$18.47	\$7,421							\$ 7,421	\$ 1,736	\$ 5,685
9/22/2020	7	407.631	407.63	\$17.72	\$7,223							\$ 7,223	\$ 1,666	\$ 5,558
9/22/2020	8	414.499	414.5	\$18.69	\$7,747							\$ 7,747	\$ 1,757	\$ 5,990
9/22/2020	9	428.209	428.21	\$18.52	\$7,930							\$ 7,930	\$ 1,741	\$ 6,190
9/22/2020	10	437.921	437.92	\$20.20	\$8,846							\$ 8,846	\$ 1,899	\$ 6,947
9/22/2020	11	450.729	450.73	\$20.49	\$9,235							\$ 9,235	\$ 1,926	\$ 7,309
9/22/2020	12	457.616	457.62	\$20.62	\$9,436							\$ 9,436	\$ 1,938	\$ 7,498
9/22/2020	13	468.784	468.78	\$20.61	\$9,662							\$ 9,662	\$ 1,937	\$ 7,724
9/22/2020	14	475.705	475.71	\$21.48	\$10,218							\$ 10,218	\$ 2,019	\$ 8,199
9/22/2020	15	474.679	474.68	\$22.24	\$10,557							\$ 10,557	\$ 2,091	\$ 8,466
9/22/2020	16	477.578	477.58	\$21.82	\$10,421							\$ 10,421	\$ 2,051	\$ 8,370
9/22/2020	17	466.699	466.7	\$21.43	\$10,001							\$ 10,001	\$ 2,014	\$ 7,987
9/22/2020	18	462.652	462.65	\$22.45	\$10,386							\$ 10,386	\$ 2,110	\$ 8,276
9/22/2020	19	462.724	462.72	\$21.50	\$9,948							\$ 9,948	\$ 2,021	\$ 7,927
9/22/2020	20	441.357	441.36	\$18.96	\$8,368							\$ 8,368	\$ 1,782	\$ 6,586
9/22/2020	21	411.887	411.89	\$15.74	\$6,483							\$ 6,483	\$ 1,480	\$ 5,004
9/22/2020	22	384.177	384.18	\$14.20	\$5,455							\$ 5,455	\$ 1,335	\$ 4,121
9/22/2020	23	363.361	363.36	\$13.06	\$4,745							\$ 4,745	\$ 1,228	\$ 3,518
9/23/2020	0	348.581	348.58	\$12.91	\$4,500							\$ 4,500	\$ 1,214	\$ 3,287
9/23/2020	1	336.775	336.78	\$11.86	\$3,994							\$ 3,994	\$ 1,115	\$ 2,879
9/23/2020	2	332.788	332.79	\$11.38	\$3,787							\$ 3,787	\$ 1,070	\$ 2,717
9/23/2020	3	336.683	336.68	\$12.03	\$4,050							\$ 4,050	\$ 1,131	\$ 2,919
9/23/2020	4	349.558	349.56	\$14.61	\$5,107							\$ 5,107	\$ 1,373	\$ 3,734
9/23/2020	5	381.099	381.1	\$19.18	\$7,309							\$ 7,309	\$ 1,803	\$ 5,507
9/23/2020	6	406.789	406.79	\$18.52	\$7,534							\$ 7,534	\$ 1,741	\$ 5,793
9/23/2020	7	413.562	413.56	\$17.51	\$7,241							\$ 7,241	\$ 1,646	\$ 5,595
9/23/2020	8	423.311	423.31	\$19.64	\$8,314							\$ 8,314	\$ 1,846	\$ 6,468
9/23/2020	9	437.988	437.99	\$21.14	\$9,259							\$ 9,259	\$ 1,987	\$ 7,272
9/23/2020	10	450.963	450.96	\$22.05	\$9,944							\$ 9,944	\$ 2,073	\$ 7,871
9/23/2020	11	460.796	460.8	\$22.64	\$10,433							\$ 10,433	\$ 2,128	\$ 8,304
9/23/2020	12	471.722	471.72	\$23.90	\$11,274							\$ 11,274	\$ 2,247	\$ 9,028
9/23/2020	13	475.668	475.67	\$25.92	\$12,329							\$ 12,329	\$ 2,436	\$ 9,893
9/23/2020	14	481.608	481.61	\$28.41	\$13,683							\$ 13,683	\$ 2,671	\$ 11,012
9/23/2020	15	473.656	473.66	\$31.63	\$14,982							\$ 14,982	\$ 2,973	\$ 12,009
9/23/2020	16	469.721	469.72	\$29.34	\$13,782							\$ 13,782	\$ 2,758	\$ 11,024
9/23/2020	17	463.854	463.85	\$25.37	\$11,768							\$ 11,768	\$ 2,385	\$ 9,383
9/23/2020	18	465.812	465.81	\$23.28	\$10,844							\$ 10,844	\$ 2,188	\$ 8,656
9/23/2020	19	464.822	464.82	\$23.18	\$10,775							\$ 10,775	\$ 2,179	\$ 8,596
9/23/2020	20	448.08	448.08	\$19.58	\$8,773							\$ 8,773	\$ 1,841	\$ 6,933
9/23/2020	21	419.61	419.61	\$18.10	\$7,595							\$ 7,595	\$ 1,701	\$ 5,894
9/23/2020	22	396.895	396.9	\$14.84	\$5,890							\$ 5,890	\$ 1,395	\$ 4,495
9/23/2020	23	378.007	378.01	\$14.29	\$5,402							\$ 5,402	\$ 1,343	\$ 4,059
9/24/2020	0	360.349	360.35	\$13.57	\$4,890							\$ 4,890	\$ 1,276	\$ 3,614
9/24/2020	1	351.492	351.49	\$12.74	\$4,478							\$ 4,478	\$ 1,198	\$ 3,280
9/24/2020	2	348.507	348.51	\$12.19	\$4,248							\$ 4,248	\$ 1,146	\$ 3,102
9/24/2020	3	352.423	352.42	\$12.78	\$4,504							\$ 4,504	\$ 1,201	\$ 3,303
9/24/2020	4	368.175	368.18	\$14.54	\$5,353							\$ 5,353	\$ 1,367	\$ 3,987
9/24/2020	5	395.809	395.81	\$19.02	\$7,528							\$ 7,528	\$ 1,788	\$ 5,740
9/24/2020	6	417.475	417.48	\$19.00	\$7,932							\$ 7,932	\$ 1,786	\$ 6,146
9/24/2020	7	426.258	426.26	\$17.59	\$7,498							\$ 7,498	\$ 1,653	\$ 5,844

**Hourly Purchase Energy Expense Detail - 2019 & 2020**

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5			
9/24/2020	8	438.209	438.21	\$19.08	\$8,361							\$ 8,361	\$ 1,794	\$ 6,568
9/24/2020	9	451.005	451.01	\$21.34	\$9,625							\$ 9,625	\$ 2,006	\$ 7,619
9/24/2020	10	462.798	462.8	\$22.75	\$10,529							\$ 10,529	\$ 2,139	\$ 8,390
9/24/2020	11	471.598	471.6	\$23.75	\$11,201							\$ 11,201	\$ 2,233	\$ 8,968
9/24/2020	12	491.32	491.32	\$23.86	\$11,723							\$ 11,723	\$ 2,243	\$ 9,480
9/24/2020	13	500.131	500.13	\$24.12	\$12,063							\$ 12,063	\$ 2,267	\$ 9,796
9/24/2020	14	503.157	503.16	\$24.98	\$12,569							\$ 12,569	\$ 2,348	\$ 10,221
9/24/2020	15	503.183	503.18	\$26.65	\$13,410							\$ 13,410	\$ 2,505	\$ 10,905
9/24/2020	16	507.176	507.18	\$26.46	\$13,420							\$ 13,420	\$ 2,487	\$ 10,933
9/24/2020	17	499.415	499.42	\$24.49	\$12,231							\$ 12,231	\$ 2,302	\$ 9,929
9/24/2020	18	488.633	488.63	\$25.57	\$12,494							\$ 12,494	\$ 2,404	\$ 10,091
9/24/2020	19	484.714	484.71	\$24.08	\$11,672							\$ 11,672	\$ 2,264	\$ 9,408
9/24/2020	20	463.936	463.94	\$20.67	\$9,590							\$ 9,590	\$ 1,943	\$ 7,647
9/24/2020	21	434.436	434.44	\$18.09	\$7,859							\$ 7,859	\$ 1,700	\$ 6,159
9/24/2020	22	399.906	399.91	\$15.66	\$6,263							\$ 6,263	\$ 1,472	\$ 4,791
9/24/2020	23	376.181	376.18	\$15.02	\$5,650							\$ 5,650	\$ 1,412	\$ 4,238
9/25/2020	0	358.465	358.47	\$14.02	\$5,026							\$ 5,026	\$ 1,318	\$ 3,708
9/25/2020	1	345.659	345.66	\$13.17	\$4,552							\$ 4,552	\$ 1,238	\$ 3,314
9/25/2020	2	339.775	339.78	\$12.63	\$4,291							\$ 4,291	\$ 1,187	\$ 3,104
9/25/2020	3	341.744	341.74	\$12.79	\$4,371							\$ 4,371	\$ 1,202	\$ 3,169
9/25/2020	4	354.544	354.54	\$14.43	\$5,116							\$ 5,116	\$ 1,356	\$ 3,760
9/25/2020	5	385.118	385.12	\$17.22	\$6,632							\$ 6,632	\$ 1,619	\$ 5,013
9/25/2020	6	406.759	406.76	\$17.75	\$7,220							\$ 7,220	\$ 1,669	\$ 5,551
9/25/2020	7	416.58	416.58	\$18.31	\$7,628							\$ 7,628	\$ 1,721	\$ 5,906
9/25/2020	8	434.341	434.34	\$20.26	\$8,800							\$ 8,800	\$ 1,904	\$ 6,895
9/25/2020	9	451.041	451.04	\$21.87	\$9,864							\$ 9,864	\$ 2,056	\$ 7,808
9/25/2020	10	461.956	461.96	\$22.64	\$10,459							\$ 10,459	\$ 2,128	\$ 8,331
9/25/2020	11	476.87	476.87	\$23.41	\$11,164							\$ 11,164	\$ 2,201	\$ 8,963
9/25/2020	12	498.67	498.67	\$23.33	\$11,634							\$ 11,634	\$ 2,193	\$ 9,441
9/25/2020	13	516.357	516.36	\$24.85	\$12,832							\$ 12,832	\$ 2,336	\$ 10,496
9/25/2020	14	533.111	533.11	\$26.22	\$13,978							\$ 13,978	\$ 2,465	\$ 11,513
9/25/2020	15	535.029	535.03	\$25.32	\$13,547							\$ 13,547	\$ 2,380	\$ 11,167
9/25/2020	16	532.139	532.14	\$25.63	\$13,639							\$ 13,639	\$ 2,409	\$ 11,230
9/25/2020	17	516.431	516.43	\$23.51	\$12,141							\$ 12,141	\$ 2,210	\$ 9,931
9/25/2020	18	500.799	500.8	\$24.23	\$12,134							\$ 12,134	\$ 2,278	\$ 9,857
9/25/2020	19	493.845	493.85	\$22.11	\$10,919							\$ 10,919	\$ 2,078	\$ 8,841
9/25/2020	20	473.089	473.09	\$19.34	\$9,150							\$ 9,150	\$ 1,818	\$ 7,332
9/25/2020	21	446.42	446.42	\$17.05	\$7,611							\$ 7,611	\$ 1,603	\$ 6,009
9/25/2020	22	416.867	416.87	\$15.62	\$6,512							\$ 6,512	\$ 1,468	\$ 5,043
9/25/2020	23	392.024	392.02	\$15.63	\$6,127							\$ 6,127	\$ 1,469	\$ 4,658
9/26/2020	0	373.126	373.13	\$14.54	\$5,425							\$ 5,425	\$ 1,367	\$ 4,059
9/26/2020	1	356.403	356.4	\$12.99	\$4,630							\$ 4,630	\$ 1,221	\$ 3,409
9/26/2020	2	347.486	347.49	\$12.39	\$4,305							\$ 4,305	\$ 1,165	\$ 3,141
9/26/2020	3	343.573	343.57	\$12.72	\$4,370							\$ 4,370	\$ 1,196	\$ 3,175
9/26/2020	4	341.645	341.65	\$13.42	\$4,585							\$ 4,585	\$ 1,261	\$ 3,323
9/26/2020	5	348.612	348.61	\$14.00	\$4,881							\$ 4,881	\$ 1,316	\$ 3,565
9/26/2020	6	356.423	356.42	\$14.36	\$5,118							\$ 5,118	\$ 1,350	\$ 3,768
9/26/2020	7	373.183	373.18	\$15.09	\$5,631							\$ 5,631	\$ 1,418	\$ 4,213
9/26/2020	8	397.833	397.83	\$16.58	\$6,596							\$ 6,596	\$ 1,559	\$ 5,038
9/26/2020	9	419.534	419.53	\$18.18	\$7,627							\$ 7,627	\$ 1,709	\$ 5,918
9/26/2020	10	435.29	435.29	\$19.38	\$8,436							\$ 8,436	\$ 1,822	\$ 6,614
9/26/2020	11	455.9	455.9	\$20.98	\$9,565							\$ 9,565	\$ 1,972	\$ 7,593
9/26/2020	12	463.732	463.73	\$22.24	\$10,313							\$ 10,313	\$ 2,091	\$ 8,223
9/26/2020	13	465.654	465.65	\$23.29	\$10,845							\$ 10,845	\$ 2,189	\$ 8,656
9/26/2020	14	468.658	468.66	\$25.05	\$11,740							\$ 11,740	\$ 2,355	\$ 9,385
9/26/2020	15	476.591	476.59	\$26.41	\$12,587							\$ 12,587	\$ 2,483	\$ 10,104



Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
9/26/2020	16	481.506	481.51	\$26.86	\$12,933									\$ 12,933	\$ 2,525	\$ 10,409
9/26/2020	17	472.659	472.66	\$22.76	\$10,758									\$ 10,758	\$ 2,139	\$ 8,618
9/26/2020	18	460.884	460.88	\$24.37	\$11,232									\$ 11,232	\$ 2,291	\$ 8,941
9/26/2020	19	455.854	455.85	\$22.72	\$10,357									\$ 10,357	\$ 2,136	\$ 8,221
9/26/2020	20	437.153	437.15	\$18.75	\$8,197									\$ 8,197	\$ 1,763	\$ 6,434
9/26/2020	21	411.425	411.43	\$15.89	\$6,538									\$ 6,538	\$ 1,494	\$ 5,044
9/26/2020	22	385.845	385.85	\$14.92	\$5,757									\$ 5,757	\$ 1,402	\$ 4,354
9/26/2020	23	363.109	363.11	\$14.45	\$5,247									\$ 5,247	\$ 1,358	\$ 3,889
9/27/2020	0	344.388	344.39	\$13.58	\$4,677									\$ 4,677	\$ 1,277	\$ 3,400
9/27/2020	1	331.555	331.56	\$12.69	\$4,207									\$ 4,207	\$ 1,193	\$ 3,015
9/27/2020	2	323.684	323.68	\$11.76	\$3,806									\$ 3,806	\$ 1,105	\$ 2,701
9/27/2020	3	322.767	322.77	\$11.55	\$3,728									\$ 3,728	\$ 1,086	\$ 2,642
9/27/2020	4	321.792	321.79	\$11.79	\$3,794									\$ 3,794	\$ 1,108	\$ 2,686
9/27/2020	5	328.783	328.78	\$12.08	\$3,972									\$ 3,972	\$ 1,136	\$ 2,836
9/27/2020	6	333.817	333.82	\$12.23	\$4,083									\$ 4,083	\$ 1,150	\$ 2,933
9/27/2020	7	349.642	349.64	\$13.81	\$4,829									\$ 4,829	\$ 1,298	\$ 3,530
9/27/2020	8	380.306	380.31	\$15.68	\$5,963									\$ 5,963	\$ 1,474	\$ 4,489
9/27/2020	9	401.99	401.99	\$17.05	\$6,854									\$ 6,854	\$ 1,603	\$ 5,251
9/27/2020	10	419.679	419.68	\$19.90	\$8,352									\$ 8,352	\$ 1,871	\$ 6,481
9/27/2020	11	436.552	436.55	\$17.79	\$7,766									\$ 7,766	\$ 1,672	\$ 6,094
9/27/2020	12	444.184	444.18	\$23.27	\$10,336									\$ 10,336	\$ 2,187	\$ 8,149
9/27/2020	13	460.946	460.95	\$24.55	\$11,316									\$ 11,316	\$ 2,308	\$ 9,009
9/27/2020	14	480.719	480.72	\$26.01	\$12,504									\$ 12,504	\$ 2,445	\$ 10,059
9/27/2020	15	496.233	496.23	\$26.35	\$13,076									\$ 13,076	\$ 2,477	\$ 10,599
9/27/2020	16	507.621	507.62	\$28.44	\$14,437									\$ 14,437	\$ 2,673	\$ 11,763
9/27/2020	17	499.697	499.7	\$26.95	\$13,467									\$ 13,467	\$ 2,533	\$ 10,934
9/27/2020	18	490.828	490.83	\$26.44	\$12,978									\$ 12,978	\$ 2,485	\$ 10,492
9/27/2020	19	485.877	485.88	\$25.59	\$12,434									\$ 12,434	\$ 2,405	\$ 10,028
9/27/2020	20	459.238	459.24	\$20.42	\$9,378									\$ 9,378	\$ 1,919	\$ 7,458
9/27/2020	21	427.724	427.72	\$18.93	\$8,097									\$ 8,097	\$ 1,779	\$ 6,317
9/27/2020	22	399.463	399.46	\$17.23	\$6,883									\$ 6,883	\$ 1,620	\$ 5,263
9/27/2020	23	376.035	376.04	\$14.60	\$5,490									\$ 5,490	\$ 1,372	\$ 4,118
9/28/2020	0	356.259	356.26	\$13.97	\$4,977									\$ 4,977	\$ 1,313	\$ 3,664
9/28/2020	1	344.437	344.44	\$13.58	\$4,677									\$ 4,677	\$ 1,277	\$ 3,401
9/28/2020	2	341.519	341.52	\$12.72	\$4,344									\$ 4,344	\$ 1,196	\$ 3,148
9/28/2020	3	346.498	346.5	\$13.56	\$4,699									\$ 4,699	\$ 1,275	\$ 3,424
9/28/2020	4	366.267	366.27	\$15.61	\$5,717									\$ 5,717	\$ 1,467	\$ 4,250
9/28/2020	5	403.767	403.77	\$20.33	\$8,209									\$ 8,209	\$ 1,911	\$ 6,298
9/28/2020	6	432.114	432.11	\$20.05	\$8,664									\$ 8,664	\$ 1,885	\$ 6,779
9/28/2020	7	446.493	446.49	\$19.69	\$8,791									\$ 8,791	\$ 1,851	\$ 6,941
9/28/2020	8	458.231	458.23	\$20.59	\$9,435									\$ 9,435	\$ 1,935	\$ 7,499
9/28/2020	9	482.921	482.92	\$22.21	\$10,726									\$ 10,726	\$ 2,088	\$ 8,638
9/28/2020	10	496.717	496.72	\$22.23	\$11,042									\$ 11,042	\$ 2,090	\$ 8,952
9/28/2020	11	507.444	507.44	\$22.84	\$11,590									\$ 11,590	\$ 2,147	\$ 9,443
9/28/2020	12	514.141	514.14	\$23.83	\$12,252									\$ 12,252	\$ 2,240	\$ 10,012
9/28/2020	13	493.245	493.25	\$24.18	\$11,927									\$ 11,927	\$ 2,273	\$ 9,654
9/28/2020	14	476.387	476.39	\$26.13	\$12,448									\$ 12,448	\$ 2,456	\$ 9,992
9/28/2020	15	462.659	462.66	\$21.89	\$10,128									\$ 10,128	\$ 2,058	\$ 8,070
9/28/2020	16	453.883	453.88	\$24.24	\$11,002									\$ 11,002	\$ 2,279	\$ 8,723
9/28/2020	17	447.104	447.1	\$24.15	\$10,797									\$ 10,797	\$ 2,270	\$ 8,527
9/28/2020	18	448.19	448.19	\$25.58	\$11,465									\$ 11,465	\$ 2,405	\$ 9,060
9/28/2020	19	443.392	443.39	\$21.92	\$9,719									\$ 9,719	\$ 2,060	\$ 7,659
9/28/2020	20	422.628	422.63	\$19.61	\$8,288									\$ 8,288	\$ 1,843	\$ 6,444
9/28/2020	21	398.082	398.08	\$18.31	\$7,289									\$ 7,289	\$ 1,721	\$ 5,568
9/28/2020	22	374.614	374.61	\$14.61	\$5,473									\$ 5,473	\$ 1,373	\$ 4,100
9/28/2020	23	354.891	354.89	\$15.07	\$5,348									\$ 5,348	\$ 1,417	\$ 3,932

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)			
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6		
9/29/2020	0	340.177	340.18	\$14.54	\$4,946							\$	4,946	\$	1,367	\$	3,579
9/29/2020	1	331.273	331.27	\$14.17	\$4,694							\$	4,694	\$	1,332	\$	3,362
9/29/2020	2	327.506	327.51	\$13.93	\$4,562							\$	4,562	\$	1,309	\$	3,253
9/29/2020	3	331.585	331.59	\$14.62	\$4,848							\$	4,848	\$	1,374	\$	3,474
9/29/2020	4	347.349	347.35	\$16.98	\$5,898							\$	5,898	\$	1,596	\$	4,302
9/29/2020	5	381.741	381.74	\$21.05	\$8,036							\$	8,036	\$	1,979	\$	6,057
9/29/2020	6	407.813	407.81	\$21.90	\$8,931							\$	8,931	\$	2,059	\$	6,872
9/29/2020	7	414.604	414.6	\$20.92	\$8,673							\$	8,673	\$	1,966	\$	6,707
9/29/2020	8	421.537	421.54	\$22.27	\$9,388							\$	9,388	\$	2,093	\$	7,294
9/29/2020	9	428.427	428.43	\$22.71	\$9,730							\$	9,730	\$	2,135	\$	7,595
9/29/2020	10	436.272	436.27	\$22.04	\$9,615							\$	9,615	\$	2,072	\$	7,544
9/29/2020	11	438.125	438.13	\$21.86	\$9,578							\$	9,578	\$	2,055	\$	7,523
9/29/2020	12	437.134	437.13	\$21.44	\$9,372							\$	9,372	\$	2,015	\$	7,357
9/29/2020	13	432.179	432.18	\$21.69	\$9,374							\$	9,374	\$	2,039	\$	7,335
9/29/2020	14	430.141	430.14	\$21.36	\$9,188							\$	9,188	\$	2,008	\$	7,180
9/29/2020	15	430.292	430.29	\$21.21	\$9,126							\$	9,126	\$	1,994	\$	7,133
9/29/2020	16	431.232	431.23	\$21.91	\$9,448							\$	9,448	\$	2,060	\$	7,389
9/29/2020	17	431.19	431.19	\$21.59	\$9,309							\$	9,309	\$	2,029	\$	7,280
9/29/2020	18	435.222	435.22	\$24.73	\$10,763							\$	10,763	\$	2,325	\$	8,438
9/29/2020	19	431.318	431.32	\$22.10	\$9,532							\$	9,532	\$	2,077	\$	7,455
9/29/2020	20	409.923	409.92	\$18.93	\$7,760							\$	7,760	\$	1,779	\$	5,980
9/29/2020	21	388.537	388.54	\$15.82	\$6,147							\$	6,147	\$	1,487	\$	4,660
9/29/2020	22	367.819	367.82	\$14.79	\$5,440							\$	5,440	\$	1,390	\$	4,050
9/29/2020	23	350.165	350.17	\$14.42	\$5,049							\$	5,049	\$	1,355	\$	3,694
9/30/2020	0	335.435	335.44	\$14.02	\$4,703							\$	4,703	\$	1,318	\$	3,385
9/30/2020	1	327.413	327.41	\$13.26	\$4,341							\$	4,341	\$	1,246	\$	3,095
9/30/2020	2	325.407	325.41	\$12.63	\$4,110							\$	4,110	\$	1,187	\$	2,923
9/30/2020	3	329.241	329.24	\$13.22	\$4,353							\$	4,353	\$	1,243	\$	3,110
9/30/2020	4	344.95	344.95	\$14.54	\$5,016							\$	5,016	\$	1,367	\$	3,649
9/30/2020	5	380.371	380.37	\$18.74	\$7,128							\$	7,128	\$	1,762	\$	5,367
9/30/2020	6	407.094	407.09	\$19.35	\$7,877							\$	7,877	\$	1,819	\$	6,058
9/30/2020	7	413.059	413.06	\$18.35	\$7,580							\$	7,580	\$	1,725	\$	5,855
9/30/2020	8	417.999	418	\$19.51	\$8,155							\$	8,155	\$	1,834	\$	6,321
9/30/2020	9	424.86	424.86	\$17.91	\$7,609							\$	7,609	\$	1,684	\$	5,926
9/30/2020	10	431.744	431.74	\$16.76	\$7,236							\$	7,236	\$	1,575	\$	5,661
9/30/2020	11	437.712	437.71	\$16.66	\$7,292							\$	7,292	\$	1,566	\$	5,726
9/30/2020	12	441.66	441.66	\$16.74	\$7,393							\$	7,393	\$	1,574	\$	5,820
9/30/2020	13	444.458	444.46	\$17.56	\$7,805							\$	7,805	\$	1,651	\$	6,154
9/30/2020	14	447.515	447.52	\$17.30	\$7,742							\$	7,742	\$	1,626	\$	6,116
9/30/2020	15	448.462	448.46	\$17.74	\$7,956							\$	7,956	\$	1,668	\$	6,288
9/30/2020	16	452.463	452.46	\$18.25	\$8,257							\$	8,257	\$	1,716	\$	6,542
9/30/2020	17	450.647	450.65	\$18.49	\$8,333							\$	8,333	\$	1,738	\$	6,594
9/30/2020	18	458.713	458.71	\$19.62	\$9,000							\$	9,000	\$	1,844	\$	7,156
9/30/2020	19	450.968	450.97	\$18.17	\$8,194							\$	8,194	\$	1,708	\$	6,486
9/30/2020	20	430.211	430.21	\$16.68	\$7,176							\$	7,176	\$	1,568	\$	5,608
9/30/2020	21	401.59	401.59	\$14.20	\$5,703							\$	5,703	\$	1,335	\$	4,368
9/30/2020	22	372.77	372.77	\$12.38	\$4,615							\$	4,615	\$	1,164	\$	3,451
9/30/2020	23	349.16	349.16	\$12.15	\$4,242							\$	4,242	\$	1,142	\$	3,100
10/1/2020	0	336.499	336.5	\$11.90	\$4,004							\$	4,004	\$	1,119	\$	2,886
10/1/2020	1	324.598	324.6	\$11.57	\$3,756							\$	3,756	\$	1,088	\$	2,668
10/1/2020	2	321.628	321.63	\$11.43	\$3,676							\$	3,676	\$	1,074	\$	2,602
10/1/2020	3	324.453	324.45	\$12.09	\$3,923							\$	3,923	\$	1,136	\$	2,786
10/1/2020	4	342.276	342.28	\$13.78	\$4,717							\$	4,717	\$	1,295	\$	3,421
10/1/2020	5	379.768	379.77	\$16.06	\$6,099							\$	6,099	\$	1,510	\$	4,589
10/1/2020	6	406.414	406.41	\$18.07	\$7,344							\$	7,344	\$	1,699	\$	5,645
10/1/2020	7	410.424	410.42	\$18.18	\$7,461							\$	7,461	\$	1,709	\$	5,753

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
10/1/2020	8	415.487	415.49	\$18.59	\$7,724									\$ 7,724	\$ 1,747	\$ 5,976
10/1/2020	9	426.333	426.33	\$18.98	\$8,092									\$ 8,092	\$ 1,784	\$ 6,308
10/1/2020	10	433.272	433.27	\$19.29	\$8,358									\$ 8,358	\$ 1,813	\$ 6,545
10/1/2020	11	438.99	438.99	\$20.03	\$8,793									\$ 8,793	\$ 1,883	\$ 6,910
10/1/2020	12	442.8	442.8	\$20.15	\$8,922									\$ 8,922	\$ 1,894	\$ 7,028
10/1/2020	13	439.774	439.77	\$19.89	\$8,747									\$ 8,747	\$ 1,870	\$ 6,877
10/1/2020	14	436.706	436.71	\$19.33	\$8,442									\$ 8,442	\$ 1,817	\$ 6,625
10/1/2020	15	429.761	429.76	\$20.52	\$8,819									\$ 8,819	\$ 1,929	\$ 6,890
10/1/2020	16	423.856	423.86	\$19.83	\$8,405									\$ 8,405	\$ 1,864	\$ 6,541
10/1/2020	17	419.138	419.14	\$21.04	\$8,819									\$ 8,819	\$ 1,978	\$ 6,841
10/1/2020	18	429.233	429.23	\$27.38	\$11,752									\$ 11,752	\$ 2,574	\$ 9,179
10/1/2020	19	427.422	427.42	\$21.51	\$9,194									\$ 9,194	\$ 2,022	\$ 7,172
10/1/2020	20	410.638	410.64	\$18.91	\$7,765									\$ 7,765	\$ 1,778	\$ 5,988
10/1/2020	21	385.941	385.94	\$15.11	\$5,832									\$ 5,832	\$ 1,420	\$ 4,411
10/1/2020	22	366.347	366.35	\$14.86	\$5,444									\$ 5,444	\$ 1,397	\$ 4,047
10/1/2020	23	349.586	349.59	\$14.53	\$5,080									\$ 5,080	\$ 1,366	\$ 3,714
10/2/2020	0	337.794	337.79	\$13.41	\$4,530									\$ 4,530	\$ 1,261	\$ 3,269
10/2/2020	1	329.896	329.9	\$12.28	\$4,051									\$ 4,051	\$ 1,154	\$ 2,897
10/2/2020	2	327.862	327.86	\$11.99	\$3,931									\$ 3,931	\$ 1,127	\$ 2,804
10/2/2020	3	332.808	332.81	\$13.29	\$4,423									\$ 4,423	\$ 1,249	\$ 3,174
10/2/2020	4	350.607	350.61	\$15.16	\$5,315									\$ 5,315	\$ 1,425	\$ 3,890
10/2/2020	5	387.145	387.15	\$20.12	\$7,789									\$ 7,789	\$ 1,891	\$ 5,898
10/2/2020	6	409.843	409.84	\$20.96	\$8,590									\$ 8,590	\$ 1,970	\$ 6,620
10/2/2020	7	416.696	416.7	\$21.06	\$8,776									\$ 8,776	\$ 1,980	\$ 6,796
10/2/2020	8	420.687	420.69	\$21.28	\$8,952									\$ 8,952	\$ 2,000	\$ 6,952
10/2/2020	9	421.747	421.75	\$20.96	\$8,840									\$ 8,840	\$ 1,970	\$ 6,870
10/2/2020	10	421.772	421.77	\$20.90	\$8,815									\$ 8,815	\$ 1,965	\$ 6,850
10/2/2020	11	422.651	422.65	\$19.15	\$8,094									\$ 8,094	\$ 1,800	\$ 6,294
10/2/2020	12	422.611	422.61	\$19.28	\$8,148									\$ 8,148	\$ 1,812	\$ 6,336
10/2/2020	13	420.691	420.69	\$19.19	\$8,073									\$ 8,073	\$ 1,804	\$ 6,269
10/2/2020	14	415.683	415.68	\$18.36	\$7,632									\$ 7,632	\$ 1,726	\$ 5,906
10/2/2020	15	412.838	412.84	\$18.22	\$7,522									\$ 7,522	\$ 1,713	\$ 5,809
10/2/2020	16	405.846	405.85	\$18.83	\$7,642									\$ 7,642	\$ 1,770	\$ 5,872
10/2/2020	17	400.972	400.97	\$19.70	\$7,899									\$ 7,899	\$ 1,852	\$ 6,047
10/2/2020	18	410.829	410.83	\$20.89	\$8,582									\$ 8,582	\$ 1,964	\$ 6,619
10/2/2020	19	411.83	411.83	\$20.13	\$8,290									\$ 8,290	\$ 1,892	\$ 6,398
10/2/2020	20	398.969	398.97	\$18.14	\$7,237									\$ 7,237	\$ 1,705	\$ 5,532
10/2/2020	21	382.205	382.21	\$16.18	\$6,184									\$ 6,184	\$ 1,521	\$ 4,663
10/2/2020	22	360.378	360.38	\$15.05	\$5,424									\$ 5,424	\$ 1,415	\$ 4,009
10/2/2020	23	343.528	343.53	\$14.24	\$4,892									\$ 4,892	\$ 1,339	\$ 3,553
10/3/2020	0	328.811	328.81	\$13.98	\$4,597									\$ 4,597	\$ 1,314	\$ 3,283
10/3/2020	1	320.932	320.93	\$13.87	\$4,451									\$ 4,451	\$ 1,304	\$ 3,148
10/3/2020	2	315.989	315.99	\$14.08	\$4,449									\$ 4,449	\$ 1,324	\$ 3,126
10/3/2020	3	317.94	317.94	\$14.05	\$4,467									\$ 4,467	\$ 1,321	\$ 3,146
10/3/2020	4	321.877	321.88	\$14.35	\$4,619									\$ 4,619	\$ 1,349	\$ 3,270
10/3/2020	5	331.799	331.8	\$15.98	\$5,302									\$ 5,302	\$ 1,502	\$ 3,800
10/3/2020	6	346.633	346.63	\$17.54	\$6,080									\$ 6,080	\$ 1,649	\$ 4,431
10/3/2020	7	356.507	356.51	\$19.53	\$6,963									\$ 6,963	\$ 1,836	\$ 5,127
10/3/2020	8	366.478	366.48	\$19.84	\$7,271									\$ 7,271	\$ 1,865	\$ 5,406
10/3/2020	9	372.363	372.36	\$18.97	\$7,064									\$ 7,064	\$ 1,783	\$ 5,280
10/3/2020	10	379.328	379.33	\$18.80	\$7,131									\$ 7,131	\$ 1,767	\$ 5,364
10/3/2020	11	381.323	381.32	\$18.38	\$7,009									\$ 7,009	\$ 1,728	\$ 5,281
10/3/2020	12	378.329	378.33	\$17.55	\$6,640									\$ 6,640	\$ 1,650	\$ 4,990
10/3/2020	13	374.341	374.34	\$16.51	\$6,180									\$ 6,180	\$ 1,552	\$ 4,628
10/3/2020	14	372.382	372.38	\$16.84	\$6,271									\$ 6,271	\$ 1,583	\$ 4,688
10/3/2020	15	372.347	372.35	\$17.42	\$6,486									\$ 6,486	\$ 1,637	\$ 4,849

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate	Intermediate	Intermediate
														Calculation (\$)	Calculation (\$)	Calculation (\$)
10/3/2020	16	371.336	371.34	\$19.49	\$7,237									\$ 7,237	\$ 1,832	\$ 5,405
10/3/2020	17	370.436	370.44	\$20.76	\$7,690									\$ 7,690	\$ 1,951	\$ 5,739
10/3/2020	18	379.26	379.26	\$22.50	\$8,533									\$ 8,533	\$ 2,115	\$ 6,418
10/3/2020	19	380.313	380.31	\$20.30	\$7,720									\$ 7,720	\$ 1,908	\$ 5,812
10/3/2020	20	366.405	366.41	\$18.61	\$6,819									\$ 6,819	\$ 1,749	\$ 5,070
10/3/2020	21	349.574	349.57	\$16.22	\$5,670									\$ 5,670	\$ 1,525	\$ 4,145
10/3/2020	22	330.825	330.83	\$15.11	\$4,999									\$ 4,999	\$ 1,420	\$ 3,579
10/3/2020	23	315.943	315.94	\$14.29	\$4,515									\$ 4,515	\$ 1,343	\$ 3,172
10/4/2020	0	304.989	304.99	\$14.08	\$4,294									\$ 4,294	\$ 1,324	\$ 2,971
10/4/2020	1	297.141	297.14	\$13.26	\$3,940									\$ 3,940	\$ 1,246	\$ 2,694
10/4/2020	2	294.23	294.23	\$12.89	\$3,793									\$ 3,793	\$ 1,212	\$ 2,581
10/4/2020	3	293.247	293.25	\$13.24	\$3,883									\$ 3,883	\$ 1,245	\$ 2,638
10/4/2020	4	297.212	297.21	\$13.69	\$4,069									\$ 4,069	\$ 1,287	\$ 2,782
10/4/2020	5	306.112	306.11	\$14.40	\$4,408									\$ 4,408	\$ 1,354	\$ 3,054
10/4/2020	6	318.972	318.97	\$14.52	\$4,631									\$ 4,631	\$ 1,365	\$ 3,267
10/4/2020	7	329.853	329.85	\$15.18	\$5,007									\$ 5,007	\$ 1,427	\$ 3,580
10/4/2020	8	344.694	344.69	\$16.93	\$5,836									\$ 5,836	\$ 1,591	\$ 4,244
10/4/2020	9	356.578	356.58	\$15.79	\$5,630									\$ 5,630	\$ 1,484	\$ 4,146
10/4/2020	10	365.445	365.45	\$17.01	\$6,216									\$ 6,216	\$ 1,599	\$ 4,617
10/4/2020	11	372.351	372.35	\$17.71	\$6,594									\$ 6,594	\$ 1,665	\$ 4,930
10/4/2020	12	374.306	374.31	\$17.22	\$6,446									\$ 6,446	\$ 1,619	\$ 4,827
10/4/2020	13	375.358	375.36	\$16.09	\$6,040									\$ 6,040	\$ 1,512	\$ 4,527
10/4/2020	14	376.342	376.34	\$16.31	\$6,138									\$ 6,138	\$ 1,533	\$ 4,605
10/4/2020	15	378.256	378.26	\$17.74	\$6,710									\$ 6,710	\$ 1,668	\$ 5,043
10/4/2020	16	384.135	384.14	\$18.70	\$7,183									\$ 7,183	\$ 1,758	\$ 5,426
10/4/2020	17	389.084	389.08	\$21.56	\$8,389									\$ 8,389	\$ 2,027	\$ 6,362
10/4/2020	18	398.977	398.98	\$24.80	\$9,895									\$ 9,895	\$ 2,331	\$ 7,564
10/4/2020	19	394.087	394.09	\$22.29	\$8,784									\$ 8,784	\$ 2,095	\$ 6,689
10/4/2020	20	377.353	377.35	\$17.75	\$6,698									\$ 6,698	\$ 1,669	\$ 5,029
10/4/2020	21	357.637	357.64	\$16.15	\$5,776									\$ 5,776	\$ 1,518	\$ 4,258
10/4/2020	22	337.822	337.82	\$14.33	\$4,841									\$ 4,841	\$ 1,347	\$ 3,494
10/4/2020	23	324.889	324.89	\$15.60	\$5,068									\$ 5,068	\$ 1,466	\$ 3,602
10/5/2020	0	316.974	316.97	\$14.67	\$4,650									\$ 4,650	\$ 1,379	\$ 3,271
10/5/2020	1	314.963	314.96	\$13.87	\$4,368									\$ 4,368	\$ 1,304	\$ 3,065
10/5/2020	2	317.975	317.98	\$13.98	\$4,445									\$ 4,445	\$ 1,314	\$ 3,131
10/5/2020	3	325.872	325.87	\$15.57	\$5,074									\$ 5,074	\$ 1,464	\$ 3,610
10/5/2020	4	348.715	348.72	\$18.53	\$6,462									\$ 6,462	\$ 1,742	\$ 4,720
10/5/2020	5	382.103	382.1	\$26.53	\$10,137									\$ 10,137	\$ 2,494	\$ 7,643
10/5/2020	6	410.802	410.8	\$24.49	\$10,060									\$ 10,060	\$ 2,302	\$ 7,758
10/5/2020	7	416.753	416.75	\$26.13	\$10,890									\$ 10,890	\$ 2,456	\$ 8,433
10/5/2020	8	414.817	414.82	\$25.96	\$10,769									\$ 10,769	\$ 2,440	\$ 8,328
10/5/2020	9	414.73	414.73	\$24.28	\$10,070									\$ 10,070	\$ 2,282	\$ 7,787
10/5/2020	10	417.666	417.67	\$24.11	\$10,070									\$ 10,070	\$ 2,266	\$ 7,804
10/5/2020	11	418.632	418.63	\$23.86	\$9,989									\$ 9,989	\$ 2,243	\$ 7,746
10/5/2020	12	418.549	418.55	\$21.81	\$9,129									\$ 9,129	\$ 2,050	\$ 7,078
10/5/2020	13	417.516	417.52	\$21.21	\$8,856									\$ 8,856	\$ 1,994	\$ 6,862
10/5/2020	14	417.465	417.47	\$20.37	\$8,504									\$ 8,504	\$ 1,915	\$ 6,589
10/5/2020	15	414.449	414.45	\$21.58	\$8,944									\$ 8,944	\$ 2,029	\$ 6,915
10/5/2020	16	416.275	416.28	\$24.26	\$10,099									\$ 10,099	\$ 2,280	\$ 7,819
10/5/2020	17	416.311	416.31	\$25.98	\$10,816									\$ 10,816	\$ 2,442	\$ 8,374
10/5/2020	18	429.052	429.05	\$28.51	\$12,232									\$ 12,232	\$ 2,680	\$ 9,552
10/5/2020	19	429.092	429.09	\$23.61	\$10,131									\$ 10,131	\$ 2,219	\$ 7,911
10/5/2020	20	410.382	410.38	\$19.41	\$7,965									\$ 7,965	\$ 1,825	\$ 6,141
10/5/2020	21	388.803	388.8	\$17.78	\$6,913									\$ 6,913	\$ 1,671	\$ 5,242
10/5/2020	22	363.046	363.05	\$15.44	\$5,605									\$ 5,605	\$ 1,451	\$ 4,154
10/5/2020	23	351.089	351.09	\$13.52	\$4,747									\$ 4,747	\$ 1,271	\$ 3,476

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)	
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6
10/6/2020	0	341.278	341.28	\$12.73	\$4,344								\$ 4,344	\$ 1,197	\$ 3,148
10/6/2020	1	334.397	334.4	\$11.71	\$3,916								\$ 3,916	\$ 1,101	\$ 2,815
10/6/2020	2	333.441	333.44	\$11.66	\$3,888								\$ 3,888	\$ 1,096	\$ 2,792
10/6/2020	3	341.307	341.31	\$12.90	\$4,403								\$ 4,403	\$ 1,213	\$ 3,190
10/6/2020	4	360.234	360.23	\$15.87	\$5,717								\$ 5,717	\$ 1,492	\$ 4,225
10/6/2020	5	398.6	398.6	\$29.57	\$11,787								\$ 11,787	\$ 2,780	\$ 9,007
10/6/2020	6	427.099	427.1	\$25.51	\$10,895								\$ 10,895	\$ 2,398	\$ 8,497
10/6/2020	7	429.847	429.85	\$25.10	\$10,789								\$ 10,789	\$ 2,359	\$ 8,430
10/6/2020	8	430.668	430.67	\$22.87	\$9,849								\$ 9,849	\$ 2,150	\$ 7,700
10/6/2020	9	430.671	430.67	\$23.69	\$10,203								\$ 10,203	\$ 2,227	\$ 7,976
10/6/2020	10	434.431	434.43	\$21.98	\$9,549								\$ 9,549	\$ 2,066	\$ 7,483
10/6/2020	11	434.436	433.44	\$22.68	\$9,830					1			\$ 9,830	\$ 2,132	\$ 7,698
10/6/2020	12	434.367	434.37	\$20.96	\$9,104								\$ 9,104	\$ 1,970	\$ 7,134
10/6/2020	13	436.337	436.34	\$20.72	\$9,041								\$ 9,041	\$ 1,948	\$ 7,093
10/6/2020	14	439.2	439.2	\$21.32	\$9,364								\$ 9,364	\$ 2,004	\$ 7,360
10/6/2020	15	438.268	438.27	\$21.82	\$9,563								\$ 9,563	\$ 2,051	\$ 7,512
10/6/2020	16	437.341	437.34	\$22.94	\$10,033								\$ 10,033	\$ 2,156	\$ 7,876
10/6/2020	17	435.365	435.37	\$24.51	\$10,671								\$ 10,671	\$ 2,304	\$ 8,367
10/6/2020	18	442.276	350.28	\$29.34	\$10,277					30	31	31	\$ 10,277	\$ 2,758	\$ 7,519
10/6/2020	19	439.478	439.48	\$21.81	\$9,585								\$ 9,585	\$ 2,050	\$ 7,535
10/6/2020	20	417.715	417.72	\$18.98	\$7,928								\$ 7,928	\$ 1,784	\$ 6,144
10/6/2020	21	391.948	391.95	\$16.03	\$6,283								\$ 6,283	\$ 1,507	\$ 4,776
10/6/2020	22	367.326	367.33	\$14.79	\$5,433								\$ 5,433	\$ 1,390	\$ 4,043
10/6/2020	23	349.835	349.84	\$14.07	\$4,922								\$ 4,922	\$ 1,323	\$ 3,600
10/7/2020	0	338.357	338.36	\$13.38	\$4,527								\$ 4,527	\$ 1,258	\$ 3,270
10/7/2020	1	328.566	328.57	\$12.08	\$3,969								\$ 3,969	\$ 1,136	\$ 2,834
10/7/2020	2	325.642	325.64	\$11.89	\$3,872								\$ 3,872	\$ 1,118	\$ 2,754
10/7/2020	3	331.56	331.56	\$13.31	\$4,413								\$ 4,413	\$ 1,251	\$ 3,162
10/7/2020	4	350.204	350.2	\$15.48	\$5,421								\$ 5,421	\$ 1,455	\$ 3,966
10/7/2020	5	382.758	382.76	\$21.46	\$8,214								\$ 8,214	\$ 2,017	\$ 6,197
10/7/2020	6	419.335	419.34	\$21.05	\$8,827								\$ 8,827	\$ 1,979	\$ 6,848
10/7/2020	7	415.189	415.19	\$21.55	\$8,947								\$ 8,947	\$ 2,026	\$ 6,922
10/7/2020	8	420.037	420.04	\$21.12	\$8,871								\$ 8,871	\$ 1,985	\$ 6,886
10/7/2020	9	431.624	431.62	\$22.90	\$9,884								\$ 9,884	\$ 2,153	\$ 7,731
10/7/2020	10	439.344	439.34	\$22.40	\$9,841								\$ 9,841	\$ 2,106	\$ 7,736
10/7/2020	11	450.242	450.24	\$24.96	\$11,238								\$ 11,238	\$ 2,346	\$ 8,892
10/7/2020	12	463.957	463.96	\$24.73	\$11,474								\$ 11,474	\$ 2,325	\$ 9,149
10/7/2020	13	481.779	481.78	\$27.22	\$13,114								\$ 13,114	\$ 2,559	\$ 10,555
10/7/2020	14	492.633	492.63	\$27.73	\$13,661								\$ 13,661	\$ 2,607	\$ 11,054
10/7/2020	15	496.607	496.61	\$30.84	\$15,315								\$ 15,315	\$ 2,899	\$ 12,416
10/7/2020	16	499.625	499.63	\$29.98	\$14,979								\$ 14,979	\$ 2,818	\$ 12,161
10/7/2020	17	490.817	490.82	\$28.86	\$14,165								\$ 14,165	\$ 2,713	\$ 11,452
10/7/2020	18	492.894	492.89	\$35.51	\$17,503								\$ 17,503	\$ 3,338	\$ 14,165
10/7/2020	19	487.002	487	\$26.58	\$12,944								\$ 12,944	\$ 2,499	\$ 10,446
10/7/2020	20	460.37	460.37	\$22.37	\$10,298								\$ 10,298	\$ 2,103	\$ 8,196
10/7/2020	21	430.583	430.58	\$20.08	\$8,646								\$ 8,646	\$ 1,888	\$ 6,759
10/7/2020	22	396.935	396.94	\$16.73	\$6,641								\$ 6,641	\$ 1,573	\$ 5,068
10/7/2020	23	368.194	368.19	\$15.78	\$5,810								\$ 5,810	\$ 1,483	\$ 4,327
10/8/2020	0	350.387	350.39	\$15.58	\$5,459								\$ 5,459	\$ 1,465	\$ 3,995
10/8/2020	1	335.67	335.67	\$15.10	\$5,069								\$ 5,069	\$ 1,419	\$ 3,649
10/8/2020	2	328.773	328.77	\$14.74	\$4,846								\$ 4,846	\$ 1,386	\$ 3,461
10/8/2020	3	330.9	330.9	\$14.75	\$4,881								\$ 4,881	\$ 1,387	\$ 3,494
10/8/2020	4	345.742	345.74	\$17.46	\$6,037								\$ 6,037	\$ 1,641	\$ 4,395
10/8/2020	5	376.474	376.47	\$24.93	\$9,385								\$ 9,385	\$ 2,343	\$ 7,042
10/8/2020	6	402.953	402.95	\$22.06	\$8,889								\$ 8,889	\$ 2,074	\$ 6,815
10/8/2020	7	408.739	408.74	\$21.15	\$8,645								\$ 8,645	\$ 1,988	\$ 6,657

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Beginning (HB)	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
10/8/2020	8		418.636	371.64	\$21.78	\$8,094						2	45	\$ 8,094	\$ 2,047	\$ 6,047
10/8/2020	9		429.561	429.56	\$21.49	\$9,231								\$ 9,231	\$ 2,020	\$ 7,211
10/8/2020	10		440.423	440.42	\$23.28	\$10,253								\$ 10,253	\$ 2,188	\$ 8,065
10/8/2020	11		450.322	450.32	\$24.93	\$11,226								\$ 11,226	\$ 2,343	\$ 8,883
10/8/2020	12		461.247	461.25	\$24.22	\$11,171								\$ 11,171	\$ 2,277	\$ 8,895
10/8/2020	13		472.171	472.17	\$24.06	\$11,360								\$ 11,360	\$ 2,262	\$ 9,099
10/8/2020	14		480.996	481	\$24.18	\$11,631								\$ 11,631	\$ 2,273	\$ 9,358
10/8/2020	15		483.957	483.96	\$24.58	\$11,896								\$ 11,896	\$ 2,311	\$ 9,585
10/8/2020	16		480.977	480.98	\$25.64	\$12,332								\$ 12,332	\$ 2,410	\$ 9,922
10/8/2020	17		467.139	467.14	\$26.22	\$12,248								\$ 12,248	\$ 2,465	\$ 9,784
10/8/2020	18		467.103	467.1	\$32.85	\$15,344								\$ 15,344	\$ 3,088	\$ 12,256
10/8/2020	19		455.252	455.25	\$24.53	\$11,167								\$ 11,167	\$ 2,306	\$ 8,861
10/8/2020	20		433.593	433.59	\$21.10	\$9,149								\$ 9,149	\$ 1,983	\$ 7,165
10/8/2020	21		406.775	406.78	\$18.34	\$7,460								\$ 7,460	\$ 1,724	\$ 5,736
10/8/2020	22		380.262	380.26	\$16.17	\$6,149								\$ 6,149	\$ 1,520	\$ 4,629
10/8/2020	23		359.626	359.63	\$15.71	\$5,650								\$ 5,650	\$ 1,477	\$ 4,173
10/9/2020	0		343.974	343.97	\$14.65	\$5,039								\$ 5,039	\$ 1,377	\$ 3,662
10/9/2020	1		332.242	332.24	\$13.80	\$4,585								\$ 4,585	\$ 1,297	\$ 3,288
10/9/2020	2		327.435	327.44	\$13.60	\$4,453								\$ 4,453	\$ 1,278	\$ 3,175
10/9/2020	3		331.451	331.45	\$14.42	\$4,780								\$ 4,780	\$ 1,355	\$ 3,424
10/9/2020	4		344.261	344.26	\$16.02	\$5,515								\$ 5,515	\$ 1,506	\$ 4,009
10/9/2020	5		370.864	370.86	\$22.60	\$8,381								\$ 8,381	\$ 2,124	\$ 6,257
10/9/2020	6		398.505	398.51	\$22.11	\$8,811								\$ 8,811	\$ 2,078	\$ 6,733
10/9/2020	7		404.205	404.21	\$21.12	\$8,537								\$ 8,537	\$ 1,985	\$ 6,552
10/9/2020	8		412.147	412.15	\$21.73	\$8,956								\$ 8,956	\$ 2,043	\$ 6,913
10/9/2020	9		427.099	427.1	\$23.09	\$9,862								\$ 9,862	\$ 2,170	\$ 7,691
10/9/2020	10		438.956	438.96	\$23.13	\$10,153								\$ 10,153	\$ 2,174	\$ 7,979
10/9/2020	11		450.849	450.85	\$23.18	\$10,451								\$ 10,451	\$ 2,179	\$ 8,272
10/9/2020	12		462.718	462.72	\$22.98	\$10,633								\$ 10,633	\$ 2,160	\$ 8,473
10/9/2020	13		471.722	471.72	\$23.36	\$11,019								\$ 11,019	\$ 2,196	\$ 8,824
10/9/2020	14		472.658	472.66	\$24.23	\$11,453								\$ 11,453	\$ 2,278	\$ 9,175
10/9/2020	15		466.746	466.75	\$24.97	\$11,655								\$ 11,655	\$ 2,347	\$ 9,308
10/9/2020	16		464.799	455.8	\$24.57	\$11,199		3	3	3				\$ 11,199	\$ 2,310	\$ 8,889
10/9/2020	17		455.913	455.91	\$23.64	\$10,778								\$ 10,778	\$ 2,222	\$ 8,556
10/9/2020	18		459.758	459.76	\$23.52	\$10,814								\$ 10,814	\$ 2,211	\$ 8,603
10/9/2020	19		453.834	453.83	\$19.81	\$8,990								\$ 8,990	\$ 1,862	\$ 7,128
10/9/2020	20		439.93	439.93	\$15.94	\$7,012								\$ 7,012	\$ 1,498	\$ 5,514
10/9/2020	21		421.242	421.24	\$15.26	\$6,428								\$ 6,428	\$ 1,434	\$ 4,994
10/9/2020	22		395.538	395.54	\$13.87	\$5,486								\$ 5,486	\$ 1,304	\$ 4,182
10/9/2020	23		371.806	371.81	\$14.18	\$5,272								\$ 5,272	\$ 1,333	\$ 3,939
10/10/2020	0		351.133	351.13	\$13.29	\$4,667								\$ 4,667	\$ 1,249	\$ 3,417
10/10/2020	1		338.283	338.28	\$12.02	\$4,066								\$ 4,066	\$ 1,130	\$ 2,936
10/10/2020	2		331.4	331.4	\$11.23	\$3,722								\$ 3,722	\$ 1,056	\$ 2,666
10/10/2020	3		330.505	330.51	\$11.96	\$3,953								\$ 3,953	\$ 1,124	\$ 2,829
10/10/2020	4		334.417	334.42	\$12.37	\$4,137								\$ 4,137	\$ 1,163	\$ 2,974
10/10/2020	5		345.345	345.35	\$13.71	\$4,735								\$ 4,735	\$ 1,289	\$ 3,446
10/10/2020	6		365.017	364.02	\$15.67	\$5,704							1	\$ 5,704	\$ 1,473	\$ 4,231
10/10/2020	7		376.712	172.71	\$17.39	\$3,003					70	67	67	\$ 3,003	\$ 1,635	\$ 1,369
10/10/2020	8		394.52	153.52	\$18.95	\$2,909					82	79	80	\$ 2,909	\$ 1,781	\$ 1,128
10/10/2020	9		406.251	168.25	\$21.05	\$3,542					80	78	80	\$ 3,542	\$ 1,979	\$ 1,563
10/10/2020	10		413.857	179.86	\$22.48	\$4,043					78	78	78	\$ 4,043	\$ 2,113	\$ 1,930
10/10/2020	11		416.755	185.76	\$23.84	\$4,429					77	77	77	\$ 4,429	\$ 2,241	\$ 2,188
10/10/2020	12		421.659	188.66	\$25.23	\$4,760					78	77	78	\$ 4,760	\$ 2,372	\$ 2,388
10/10/2020	13		418.694	184.69	\$23.22	\$4,289					78	77	79	\$ 4,289	\$ 2,183	\$ 2,106
10/10/2020	14		418.186	186.19	\$22.95	\$4,273					78	77	77	\$ 4,273	\$ 2,157	\$ 2,116
10/10/2020	15		419.157	187.16	\$23.83	\$4,460					77	77	78	\$ 4,460	\$ 2,240	\$ 2,220

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)	
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6
10/10/2020	16	420.168	189.17	\$25.17	\$4,761					77	76	78	\$ 4,761	\$ 2,366	\$ 2,395
10/10/2020	17	419.113	188.11	\$26.18	\$4,925					77	77	77	\$ 4,925	\$ 2,461	\$ 2,464
10/10/2020	18	424.848	191.85	\$28.98	\$5,560					78	77	78	\$ 5,560	\$ 2,724	\$ 2,836
10/10/2020	19	418.97	234.97	\$21.41	\$5,031					28	78	78	\$ 5,031	\$ 2,013	\$ 3,018
10/10/2020	20	406.196	325.2	\$20.23	\$6,579						8	73	\$ 6,579	\$ 1,902	\$ 4,677
10/10/2020	21	384.531	383.53	\$18.74	\$7,187							1	\$ 7,187	\$ 1,762	\$ 5,426
10/10/2020	22	361.744	361.74	\$16.97	\$6,139								\$ 6,139	\$ 1,595	\$ 4,544
10/10/2020	23	345.029	345.03	\$15.95	\$5,503								\$ 5,503	\$ 1,499	\$ 4,004
10/11/2020	0	329.158	329.16	\$14.80	\$4,872								\$ 4,872	\$ 1,391	\$ 3,480
10/11/2020	1	320.461	320.46	\$13.68	\$4,384								\$ 4,384	\$ 1,286	\$ 3,098
10/11/2020	2	313.693	313.69	\$13.02	\$4,084								\$ 4,084	\$ 1,224	\$ 2,860
10/11/2020	3	311.743	311.74	\$12.50	\$3,897								\$ 3,897	\$ 1,175	\$ 2,722
10/11/2020	4	313.767	313.77	\$12.77	\$4,007								\$ 4,007	\$ 1,200	\$ 2,806
10/11/2020	5	322.669	322.67	\$14.24	\$4,595								\$ 4,595	\$ 1,339	\$ 3,256
10/11/2020	6	334.366	334.37	\$15.92	\$5,323								\$ 5,323	\$ 1,496	\$ 3,827
10/11/2020	7	344.056	344.06	\$17.32	\$5,959								\$ 5,959	\$ 1,628	\$ 4,331
10/11/2020	8	364.736	364.74	\$19.75	\$7,204								\$ 7,204	\$ 1,857	\$ 5,347
10/11/2020	9	385.341	385.34	\$21.33	\$8,219								\$ 8,219	\$ 2,005	\$ 6,214
10/11/2020	10	399.905	399.91	\$21.61	\$8,642								\$ 8,642	\$ 2,031	\$ 6,611
10/11/2020	11	407.599	407.6	\$22.32	\$9,098								\$ 9,098	\$ 2,098	\$ 7,000
10/11/2020	12	407.567	407.57	\$22.53	\$9,183								\$ 9,183	\$ 2,118	\$ 7,065
10/11/2020	13	407.581	407.58	\$22.37	\$9,118								\$ 9,118	\$ 2,103	\$ 7,015
10/11/2020	14	417.562	417.56	\$22.47	\$9,383								\$ 9,383	\$ 2,112	\$ 7,270
10/11/2020	15	425.464	425.46	\$22.92	\$9,752								\$ 9,752	\$ 2,154	\$ 7,597
10/11/2020	16	426.514	426.51	\$25.88	\$11,038								\$ 11,038	\$ 2,433	\$ 8,605
10/11/2020	17	428.532	428.53	\$27.56	\$11,810								\$ 11,810	\$ 2,591	\$ 9,220
10/11/2020	18	442.228	442.23	\$31.96	\$14,134								\$ 14,134	\$ 3,004	\$ 11,129
10/11/2020	19	441.218	441.22	\$23.52	\$10,377								\$ 10,377	\$ 2,211	\$ 8,167
10/11/2020	20	423.491	423.49	\$22.33	\$9,457								\$ 9,457	\$ 2,099	\$ 7,358
10/11/2020	21	401.857	401.86	\$19.45	\$7,816								\$ 7,816	\$ 1,828	\$ 5,988
10/11/2020	22	380.242	380.24	\$18.25	\$6,939								\$ 6,939	\$ 1,716	\$ 5,224
10/11/2020	23	362.748	362.75	\$21.48	\$7,792								\$ 7,792	\$ 2,019	\$ 5,773
10/12/2020	0	348.895	348.9	\$15.20	\$5,303								\$ 5,303	\$ 1,429	\$ 3,874
10/12/2020	1	343.07	343.07	\$13.67	\$4,690								\$ 4,690	\$ 1,285	\$ 3,405
10/12/2020	2	339.289	339.29	\$13.15	\$4,462								\$ 4,462	\$ 1,236	\$ 3,226
10/12/2020	3	344.318	344.32	\$14.72	\$5,068								\$ 5,068	\$ 1,384	\$ 3,685
10/12/2020	4	360.991	360.99	\$18.06	\$6,519								\$ 6,519	\$ 1,698	\$ 4,822
10/12/2020	5	394.356	380.36	\$24.22	\$9,212					1	6	7	\$ 9,212	\$ 2,277	\$ 6,936
10/12/2020	6	424.657	38.66	\$23.98	\$927								\$ 927	\$ 927	\$ -
10/12/2020	7	435.997		\$0	\$0								\$ -	\$ -	\$ -
10/12/2020	8	445.915	68.92	\$24.06	\$1,658								\$ 1,658	\$ 1,658	\$ -
10/12/2020	9	461.591	6.59	\$27.19	\$179								\$ 179	\$ 179	\$ -
10/12/2020	10	469.376	27.38	\$28.52	\$781								\$ 781	\$ 781	\$ -
10/12/2020	11	474.449	311.45	\$27.06	\$8,428								\$ 8,428	\$ 2,544	\$ 5,884
10/12/2020	12	483.415	375.42	\$30.30	\$11,375								\$ 11,375	\$ 2,848	\$ 8,527
10/12/2020	13	494.351	361.35	\$26.25	\$9,485								\$ 9,485	\$ 2,468	\$ 7,018
10/12/2020	14	504.227	316.23	\$27.13	\$8,579								\$ 8,579	\$ 2,550	\$ 6,029
10/12/2020	15	502.147	189.15	\$29.16	\$5,516								\$ 5,516	\$ 2,741	\$ 2,775
10/12/2020	16	501.085	150.09	\$31.96	\$4,797								\$ 4,797	\$ 3,004	\$ 1,793
10/12/2020	17	501.055	42.06	\$30.64	\$1,289								\$ 1,289	\$ 1,289	\$ -
10/12/2020	18	509.988	84.99	\$35.62	\$3,027								\$ 3,027	\$ 3,027	\$ -
10/12/2020	19	491.47	382.47	\$26.18	\$10,013								\$ 10,013	\$ 2,461	\$ 7,552
10/12/2020	20	445.089	443.09	\$20.07	\$8,893								\$ 8,893	\$ 1,887	\$ 7,006
10/12/2020	21	411.608	411.61	\$16.88	\$6,948								\$ 6,948	\$ 1,587	\$ 5,361
10/12/2020	22	380.267	380.27	\$15.23	\$5,792								\$ 5,792	\$ 1,432	\$ 4,360
10/12/2020	23	356.852	356.85	\$15.87	\$5,663								\$ 5,663	\$ 1,492	\$ 4,171

**Hourly Purchase Energy Expense Detail - 2019 & 2020**

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)			
10/13/2020	0	341.304	341.3	\$14.55	\$4,966								\$	4,966	\$	1,368	\$	3,598
10/13/2020	1	330.531	330.53	\$14.04	\$4,641								\$	4,641	\$	1,320	\$	3,321
10/13/2020	2	325.501	325.5	\$13.66	\$4,446								\$	4,446	\$	1,284	\$	3,162
10/13/2020	3	328.525	328.53	\$15.27	\$5,017								\$	5,017	\$	1,435	\$	3,581
10/13/2020	4	345.156	345.16	\$17.30	\$5,971								\$	5,971	\$	1,626	\$	4,345
10/13/2020	5	377.465	377.47	\$26.71	\$10,082								\$	10,082	\$	2,511	\$	7,571
10/13/2020	6	404.515	402.52	\$25.70	\$10,345					1		1	\$	10,345	\$	2,416	\$	7,929
10/13/2020	7	410.277	367.28	\$24.26	\$8,910	7	6	8	7	7		8	\$	8,910	\$	2,280	\$	6,630
10/13/2020	8	415.194	366.19	\$25.06	\$9,177	8	9	6	9	8		9	\$	9,177	\$	2,356	\$	6,821
10/13/2020	9	423.137	366.14	\$25.33	\$9,274	12		11	11	11		12	\$	9,274	\$	2,381	\$	6,893
10/13/2020	10	429.064	401.06	\$26.21	\$10,512	6		6	5	5		6	\$	10,512	\$	2,464	\$	8,048
10/13/2020	11	431.927	403.93	\$24.06	\$9,719	6		6	5	5		6	\$	9,719	\$	2,262	\$	7,457
10/13/2020	12	439.889	412.89	\$24.52	\$10,124	4		5	6	6		6	\$	10,124	\$	2,305	\$	7,819
10/13/2020	13	441.964	435.96	\$23.16	\$10,097	1		1	1	1		2	\$	10,097	\$	2,177	\$	7,920
10/13/2020	14	447.917	447.92	\$23.31	\$10,441								\$	10,441	\$	2,191	\$	8,250
10/13/2020	15	448.731	448.73	\$23.10	\$10,366								\$	10,366	\$	2,171	\$	8,194
10/13/2020	16	449.687	449.69	\$24.73	\$11,121								\$	11,121	\$	2,325	\$	8,796
10/13/2020	17	441.799	441.8	\$26.74	\$11,814								\$	11,814	\$	2,514	\$	9,300
10/13/2020	18	446.703	446.7	\$35.24	\$15,742								\$	15,742	\$	3,313	\$	12,429
10/13/2020	19	436.993	436.99	\$25.56	\$11,169								\$	11,169	\$	2,403	\$	8,767
10/13/2020	20	416.333	416.33	\$23.20	\$9,659								\$	9,659	\$	2,181	\$	7,478
10/13/2020	21	392.646	392.65	\$19.53	\$7,668								\$	7,668	\$	1,836	\$	5,833
10/13/2020	22	367.112	367.11	\$17.51	\$6,428								\$	6,428	\$	1,646	\$	4,782
10/13/2020	23	348.182	348.18	\$18.31	\$6,375								\$	6,375	\$	1,721	\$	4,654
10/14/2020	0	337.304	337.3	\$16.91	\$5,704								\$	5,704	\$	1,590	\$	4,114
10/14/2020	1	326.546	326.55	\$16.89	\$5,515								\$	5,515	\$	1,588	\$	3,928
10/14/2020	2	324.667	324.67	\$16.69	\$5,419								\$	5,419	\$	1,569	\$	3,850
10/14/2020	3	328.415	328.42	\$18.14	\$5,958								\$	5,958	\$	1,705	\$	4,252
10/14/2020	4	345.288	345.29	\$22.48	\$7,762								\$	7,762	\$	2,113	\$	5,649
10/14/2020	5	381.835	381.84	\$31.43	\$12,001								\$	12,001	\$	2,954	\$	9,047
10/14/2020	6	409.463	388.46	\$28.48	\$11,063	2	4	3	4	4		4	\$	11,063	\$	2,677	\$	8,386
10/14/2020	7	414.349	359.35	\$26.93	\$9,677	10	9	10	8	9		9	\$	9,677	\$	2,531	\$	7,146
10/14/2020	8	418.291	418.29	\$25.84	\$10,809								\$	10,809	\$	2,429	\$	8,380
10/14/2020	9	426.084	426.08	\$26.37	\$11,236								\$	11,236	\$	2,479	\$	8,757
10/14/2020	10	432.904	432.9	\$28.68	\$12,416								\$	12,416	\$	2,696	\$	9,720
10/14/2020	11	442.642	442.64	\$25.53	\$11,301								\$	11,301	\$	2,400	\$	8,901
10/14/2020	12	445.506	445.51	\$25.24	\$11,245								\$	11,245	\$	2,373	\$	8,872
10/14/2020	13	452.441	452.44	\$25.93	\$11,732								\$	11,732	\$	2,437	\$	9,294
10/14/2020	14	463.385	463.39	\$27.43	\$12,711								\$	12,711	\$	2,578	\$	10,132
10/14/2020	15	464.419	464.42	\$28.46	\$13,217								\$	13,217	\$	2,675	\$	10,542
10/14/2020	16	465.513	465.51	\$30.09	\$14,007								\$	14,007	\$	2,828	\$	11,179
10/14/2020	17	456.725	456.73	\$34.82	\$15,903								\$	15,903	\$	3,273	\$	12,630
10/14/2020	18	462.608	462.61	\$31.95	\$14,780								\$	14,780	\$	3,003	\$	11,777
10/14/2020	19	452.911	452.91	\$27.92	\$12,645								\$	12,645	\$	2,624	\$	10,021
10/14/2020	20	432.095	432.1	\$23.21	\$10,029								\$	10,029	\$	2,182	\$	7,847
10/14/2020	21	409.431	409.43	\$20.01	\$8,193								\$	8,193	\$	1,881	\$	6,312
10/14/2020	22	383.783	383.78	\$19.27	\$7,395								\$	7,395	\$	1,811	\$	5,584
10/14/2020	23	361.118	361.12	\$18.30	\$6,608								\$	6,608	\$	1,720	\$	4,888
10/15/2020	0	345.541	345.54	\$16.19	\$5,594								\$	5,594	\$	1,522	\$	4,072
10/15/2020	1	337.715	337.72	\$15.46	\$5,221								\$	5,221	\$	1,453	\$	3,768
10/15/2020	2	333.956	333.96	\$14.93	\$4,986								\$	4,986	\$	1,403	\$	3,583
10/15/2020	3	337.058	337.06	\$16.38	\$5,521								\$	5,521	\$	1,540	\$	3,981
10/15/2020	4	355.777	355.78	\$20.07	\$7,141								\$	7,141	\$	1,887	\$	5,254
10/15/2020	5	389.023	389.02	\$25.60	\$9,959								\$	9,959	\$	2,406	\$	7,553
10/15/2020	6	415.541	415.54	\$24.60	\$10,222								\$	10,222	\$	2,312	\$	7,910
10/15/2020	7	422.163	422.16	\$24.52	\$10,351								\$	10,351	\$	2,305	\$	8,046



Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
							East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5			
10/15/2020	8	429.197	429.2	\$24.28	\$10,421								\$ 10,421	\$ 2,282	\$ 8,139
10/15/2020	9	438.025	438.03	\$26.73	\$11,709								\$ 11,709	\$ 2,513	\$ 9,196
10/15/2020	10	443.034	443.03	\$25.95	\$11,497								\$ 11,497	\$ 2,439	\$ 9,057
10/15/2020	11	443.067	443.07	\$25.20	\$11,165								\$ 11,165	\$ 2,369	\$ 8,797
10/15/2020	12	437.141	437.14	\$25.46	\$11,130								\$ 11,130	\$ 2,393	\$ 8,736
10/15/2020	13	433.175	433.18	\$25.18	\$10,907								\$ 10,907	\$ 2,367	\$ 8,541
10/15/2020	14	431.178	431.18	\$25.13	\$10,836								\$ 10,836	\$ 2,362	\$ 8,473
10/15/2020	15	428.127	428.13	\$26.03	\$11,144								\$ 11,144	\$ 2,447	\$ 8,697
10/15/2020	16	431.019	431.02	\$27.63	\$11,909								\$ 11,909	\$ 2,597	\$ 9,312
10/15/2020	17	435.023	435.02	\$37.72	\$16,409								\$ 16,409	\$ 3,546	\$ 12,863
10/15/2020	18	438.01	438.01	\$35.67	\$15,624								\$ 15,624	\$ 3,353	\$ 12,271
10/15/2020	19	430.217	430.22	\$27.00	\$11,616								\$ 11,616	\$ 2,538	\$ 9,078
10/15/2020	20	412.357	412.36	\$23.93	\$9,868								\$ 9,868	\$ 2,249	\$ 7,618
10/15/2020	21	392.65	392.65	\$20.45	\$8,030								\$ 8,030	\$ 1,922	\$ 6,107
10/15/2020	22	371.105	371.11	\$17.93	\$6,654								\$ 6,654	\$ 1,685	\$ 4,969
10/15/2020	23	355.437	355.44	\$19.38	\$6,888								\$ 6,888	\$ 1,822	\$ 5,067
10/16/2020	0	343.691	343.69	\$18.27	\$6,279								\$ 6,279	\$ 1,717	\$ 4,562
10/16/2020	1	335.028	335.03	\$17.71	\$5,933								\$ 5,933	\$ 1,665	\$ 4,269
10/16/2020	2	332.898	332.9	\$17.33	\$5,769								\$ 5,769	\$ 1,629	\$ 4,140
10/16/2020	3	339.081	339.08	\$19.75	\$6,697								\$ 6,697	\$ 1,857	\$ 4,840
10/16/2020	4	358.634	358.63	\$23.32	\$8,363								\$ 8,363	\$ 2,192	\$ 6,171
10/16/2020	5	388.164	388.16	\$32.76	\$12,716								\$ 12,716	\$ 3,079	\$ 9,637
10/16/2020	6	419.575	419.58	\$34.74	\$14,576								\$ 14,576	\$ 3,266	\$ 11,311
10/16/2020	7	426.438	426.44	\$32.47	\$13,847								\$ 13,847	\$ 3,052	\$ 10,794
10/16/2020	8	426.361	426.36	\$31.40	\$13,388								\$ 13,388	\$ 2,952	\$ 10,436
10/16/2020	9	424.391	424.39	\$31.04	\$13,173								\$ 13,173	\$ 2,918	\$ 10,255
10/16/2020	10	420.418	420.42	\$30.86	\$12,974								\$ 12,974	\$ 2,901	\$ 10,073
10/16/2020	11	418.417	418.42	\$26.39	\$11,042								\$ 11,042	\$ 2,481	\$ 8,561
10/16/2020	12	414.458	414.46	\$25.09	\$10,399								\$ 10,399	\$ 2,358	\$ 8,040
10/16/2020	13	412.483	412.48	\$23.45	\$9,673								\$ 9,673	\$ 2,204	\$ 7,468
10/16/2020	14	406.594	406.59	\$23.72	\$9,644								\$ 9,644	\$ 2,230	\$ 7,415
10/16/2020	15	400.701	400.7	\$23.30	\$9,336								\$ 9,336	\$ 2,190	\$ 7,146
10/16/2020	16	399.659	399.66	\$25.80	\$10,311								\$ 10,311	\$ 2,425	\$ 7,886
10/16/2020	17	399.681	399.68	\$31.37	\$12,538								\$ 12,538	\$ 2,949	\$ 9,589
10/16/2020	18	414.483	414.48	\$33.59	\$13,922								\$ 13,922	\$ 3,157	\$ 10,765
10/16/2020	19	410.606	410.61	\$28.66	\$11,768								\$ 11,768	\$ 2,694	\$ 9,074
10/16/2020	20	399.761	399.76	\$25.30	\$10,114								\$ 10,114	\$ 2,378	\$ 7,736
10/16/2020	21	386.981	386.98	\$23.03	\$8,912								\$ 8,912	\$ 2,165	\$ 6,747
10/16/2020	22	371.292	371.29	\$20.81	\$7,727								\$ 7,727	\$ 1,956	\$ 5,770
10/16/2020	23	355.543	355.54	\$21.04	\$7,481								\$ 7,481	\$ 1,978	\$ 5,503
10/17/2020	0	346.694	346.69	\$19.42	\$6,733								\$ 6,733	\$ 1,825	\$ 4,907
10/17/2020	1	338.846	338.85	\$18.60	\$6,303								\$ 6,303	\$ 1,748	\$ 4,554
10/17/2020	2	338.959	338.96	\$18.61	\$6,308								\$ 6,308	\$ 1,749	\$ 4,559
10/17/2020	3	342.93	342.93	\$18.95	\$6,499								\$ 6,499	\$ 1,781	\$ 4,717
10/17/2020	4	352.671	352.67	\$20.29	\$7,156								\$ 7,156	\$ 1,907	\$ 5,248
10/17/2020	5	365.402	365.4	\$23.94	\$8,748								\$ 8,748	\$ 2,250	\$ 6,497
10/17/2020	6	383.064	383.06	\$28.85	\$11,051								\$ 11,051	\$ 2,712	\$ 8,339
10/17/2020	7	393.726	393.73	\$27.51	\$10,832								\$ 10,832	\$ 2,586	\$ 8,246
10/17/2020	8	396.722	396.72	\$25.95	\$10,295								\$ 10,295	\$ 2,439	\$ 7,856
10/17/2020	9	394.791	394.79	\$24.25	\$9,574								\$ 9,574	\$ 2,280	\$ 7,294
10/17/2020	10	389.021	389.02	\$22.24	\$8,652								\$ 8,652	\$ 2,091	\$ 6,561
10/17/2020	11	381.096	381.1	\$20.06	\$7,645								\$ 7,645	\$ 1,886	\$ 5,759
10/17/2020	12	377.168	377.17	\$19.40	\$7,317								\$ 7,317	\$ 1,824	\$ 5,493
10/17/2020	13	369.546	369.55	\$19.22	\$7,103								\$ 7,103	\$ 1,807	\$ 5,296
10/17/2020	14	367.358	367.36	\$19.06	\$7,002								\$ 7,002	\$ 1,792	\$ 5,210
10/17/2020	15	368.154	368.15	\$19.76	\$7,275								\$ 7,275	\$ 1,857	\$ 5,417

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
10/17/2020	16	368.124	368.12	\$21.05	\$7,749									\$ 7,749	\$ 1,979	\$ 5,770
10/17/2020	17	368.917	368.92	\$26.66	\$9,835									\$ 9,835	\$ 2,506	\$ 7,329
10/17/2020	18	386.655	386.66	\$28.81	\$11,140									\$ 11,140	\$ 2,708	\$ 8,432
10/17/2020	19	383.546	383.55	\$24.08	\$9,236									\$ 9,236	\$ 2,264	\$ 6,972
10/17/2020	20	372.646	372.65	\$20.72	\$7,721									\$ 7,721	\$ 1,948	\$ 5,774
10/17/2020	21	356.845	356.85	\$18.56	\$6,623									\$ 6,623	\$ 1,745	\$ 4,878
10/17/2020	22	341.362	341.36	\$17.85	\$6,093									\$ 6,093	\$ 1,678	\$ 4,415
10/17/2020	23	327.636	327.64	\$16.70	\$5,472									\$ 5,472	\$ 1,570	\$ 3,902
10/18/2020	0	316.786	316.79	\$16.20	\$5,132									\$ 5,132	\$ 1,523	\$ 3,609
10/18/2020	1	311.877	311.88	\$14.99	\$4,675									\$ 4,675	\$ 1,409	\$ 3,266
10/18/2020	2	309.051	309.05	\$15.03	\$4,645									\$ 4,645	\$ 1,413	\$ 3,232
10/18/2020	3	307.947	307.95	\$16.08	\$4,952									\$ 4,952	\$ 1,512	\$ 3,440
10/18/2020	4	312.837	312.84	\$16.53	\$5,171									\$ 5,171	\$ 1,554	\$ 3,617
10/18/2020	5	322.827	322.83	\$17.71	\$5,717									\$ 5,717	\$ 1,665	\$ 4,053
10/18/2020	6	336.526	336.53	\$18.13	\$6,101									\$ 6,101	\$ 1,704	\$ 4,397
10/18/2020	7	346.376	346.38	\$18.49	\$6,405									\$ 6,405	\$ 1,738	\$ 4,667
10/18/2020	8	364.318	364.32	\$19.08	\$6,951									\$ 6,951	\$ 1,794	\$ 5,158
10/18/2020	9	380.046	380.05	\$18.66	\$7,092									\$ 7,092	\$ 1,754	\$ 5,338
10/18/2020	10	387.948	387.95	\$18.77	\$7,282									\$ 7,282	\$ 1,764	\$ 5,517
10/18/2020	11	392.765	392.77	\$17.25	\$6,775									\$ 6,775	\$ 1,622	\$ 5,154
10/18/2020	12	390.711	390.71	\$17.02	\$6,650									\$ 6,650	\$ 1,600	\$ 5,050
10/18/2020	13	377.782	377.78	\$16.83	\$6,358									\$ 6,358	\$ 1,582	\$ 4,776
10/18/2020	14	373.804	373.8	\$17.01	\$6,358									\$ 6,358	\$ 1,599	\$ 4,759
10/18/2020	15	378.839	378.84	\$18.03	\$6,830									\$ 6,830	\$ 1,695	\$ 5,136
10/18/2020	16	385.712	385.71	\$20.41	\$7,872									\$ 7,872	\$ 1,919	\$ 5,954
10/18/2020	17	390.691	390.69	\$26.94	\$10,525									\$ 10,525	\$ 2,532	\$ 7,993
10/18/2020	18	403.653	403.65	\$28.36	\$11,448									\$ 11,448	\$ 2,666	\$ 8,782
10/18/2020	19	397.737	397.74	\$23.79	\$9,462									\$ 9,462	\$ 2,236	\$ 7,226
10/18/2020	20	379.946	379.95	\$22.47	\$8,537									\$ 8,537	\$ 2,112	\$ 6,425
10/18/2020	21	363.125	363.13	\$19.95	\$7,244									\$ 7,244	\$ 1,875	\$ 5,369
10/18/2020	22	344.343	344.34	\$18.50	\$6,370									\$ 6,370	\$ 1,739	\$ 4,631
10/18/2020	23	329.506	329.51	\$17.23	\$5,677									\$ 5,677	\$ 1,620	\$ 4,058
10/19/2020	0	319.765	319.77	\$16.90	\$5,404									\$ 5,404	\$ 1,589	\$ 3,816
10/19/2020	1	314.981	314.98	\$16.23	\$5,112									\$ 5,112	\$ 1,526	\$ 3,587
10/19/2020	2	313.191	313.19	\$16.46	\$5,155									\$ 5,155	\$ 1,547	\$ 3,608
10/19/2020	3	320.103	320.1	\$17.32	\$5,544									\$ 5,544	\$ 1,628	\$ 3,916
10/19/2020	4	340.692	340.69	\$20.14	\$6,861									\$ 6,861	\$ 1,893	\$ 4,968
10/19/2020	5	379.138	379.14	\$31.14	\$11,806									\$ 11,806	\$ 2,927	\$ 8,879
10/19/2020	6	415.573	415.57	\$34.85	\$14,483									\$ 14,483	\$ 3,276	\$ 11,207
10/19/2020	7	430.392	430.39	\$35.90	\$15,451									\$ 15,451	\$ 3,375	\$ 12,076
10/19/2020	8	437.329	437.33	\$35.75	\$15,635									\$ 15,635	\$ 3,361	\$ 12,274
10/19/2020	9	443.196	443.2	\$34.76	\$15,406									\$ 15,406	\$ 3,267	\$ 12,138
10/19/2020	10	447.119	447.12	\$39.44	\$17,634									\$ 17,634	\$ 3,707	\$ 13,927
10/19/2020	11	448.996	449	\$30.58	\$13,730									\$ 13,730	\$ 2,875	\$ 10,856
10/19/2020	12	449.988	449.99	\$29.18	\$13,131									\$ 13,131	\$ 2,743	\$ 10,388
10/19/2020	13	448.968	448.97	\$26.49	\$11,893									\$ 11,893	\$ 2,490	\$ 9,403
10/19/2020	14	448.027	448.03	\$24.57	\$11,008									\$ 11,008	\$ 2,310	\$ 8,699
10/19/2020	15	442.966	442.97	\$25.08	\$11,110									\$ 11,110	\$ 2,358	\$ 8,752
10/19/2020	16	444.032	444.03	\$28.60	\$12,699									\$ 12,699	\$ 2,688	\$ 10,011
10/19/2020	17	445.087	445.09	\$32.40	\$14,421									\$ 14,421	\$ 3,046	\$ 11,375
10/19/2020	18	449.027	449.03	\$34.69	\$15,577									\$ 15,577	\$ 3,261	\$ 12,316
10/19/2020	19	435.182	435.18	\$28.31	\$12,320									\$ 12,320	\$ 2,661	\$ 9,659
10/19/2020	20	415.3	415.3	\$23.90	\$9,926									\$ 9,926	\$ 2,247	\$ 7,679
10/19/2020	21	393.697	393.7	\$20.04	\$7,890									\$ 7,890	\$ 1,884	\$ 6,006
10/19/2020	22	370.986	370.99	\$17.75	\$6,585									\$ 6,585	\$ 1,669	\$ 4,917
10/19/2020	23	353.437	353.44	\$16.61	\$5,871									\$ 5,871	\$ 1,561	\$ 4,309

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Beginning (HB)	Customer Demand (MW)	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate	Intermediate	Intermediate			
														Calculation (\$)	Calculation (\$)	Calculation (\$)			
10/20/2020	0		337.7	337.7	\$16.42	\$5,545								\$	5,545	\$	1,543	\$	4,002
10/20/2020	1		332.833	332.83	\$16.13	\$5,369								\$	5,369	\$	1,516	\$	3,852
10/20/2020	2		330.059	330.06	\$15.92	\$5,255								\$	5,255	\$	1,496	\$	3,758
10/20/2020	3		334.018	334.02	\$16.91	\$5,648								\$	5,648	\$	1,590	\$	4,059
10/20/2020	4		349.633	349.63	\$19.25	\$6,730								\$	6,730	\$	1,810	\$	4,921
10/20/2020	5		385.928	385.93	\$25.97	\$10,023								\$	10,023	\$	2,441	\$	7,581
10/20/2020	6		415.418	415.42	\$29.60	\$12,296								\$	12,296	\$	2,782	\$	9,514
10/20/2020	7		425.181	425.18	\$29.66	\$12,611								\$	12,611	\$	2,788	\$	9,823
10/20/2020	8		430.224	430.22	\$30.18	\$12,984								\$	12,984	\$	2,837	\$	10,147
10/20/2020	9		436.267	436.27	\$29.15	\$12,717								\$	12,717	\$	2,740	\$	9,977
10/20/2020	10		438.265	438.27	\$28.56	\$12,517								\$	12,517	\$	2,685	\$	9,832
10/20/2020	11		440.112	440.11	\$27.92	\$12,288								\$	12,288	\$	2,624	\$	9,663
10/20/2020	12		439.024	439.02	\$25.88	\$11,362								\$	11,362	\$	2,433	\$	8,929
10/20/2020	13		436.953	436.95	\$25.47	\$11,129								\$	11,129	\$	2,394	\$	8,735
10/20/2020	14		435.885	435.89	\$25.46	\$11,098								\$	11,098	\$	2,393	\$	8,705
10/20/2020	15		436.876	436.88	\$25.46	\$11,123								\$	11,123	\$	2,393	\$	8,730
10/20/2020	16		436.794	436.79	\$26.66	\$11,645								\$	11,645	\$	2,506	\$	9,139
10/20/2020	17		443.663	443.66	\$31.54	\$13,993								\$	13,993	\$	2,965	\$	11,028
10/20/2020	18		449.788	449.79	\$33.57	\$15,099								\$	15,099	\$	3,156	\$	11,944
10/20/2020	19		437.017	437.02	\$27.05	\$11,821								\$	11,821	\$	2,543	\$	9,279
10/20/2020	20		418.282	418.28	\$22.49	\$9,407								\$	9,407	\$	2,114	\$	7,293
10/20/2020	21		395.535	395.54	\$18.84	\$7,452								\$	7,452	\$	1,771	\$	5,681
10/20/2020	22		373.801	373.8	\$17.16	\$6,414								\$	6,414	\$	1,613	\$	4,801
10/20/2020	23		355.837	355.84	\$17.38	\$6,184								\$	6,184	\$	1,634	\$	4,551
10/21/2020	0		347.135	347.14	\$16.89	\$5,863								\$	5,863	\$	1,588	\$	4,276
10/21/2020	1		340.426	340.43	\$15.69	\$5,341								\$	5,341	\$	1,475	\$	3,866
10/21/2020	2		337.672	337.67	\$15.56	\$5,254								\$	5,254	\$	1,463	\$	3,792
10/21/2020	3		344.476	344.48	\$16.46	\$5,670								\$	5,670	\$	1,547	\$	4,123
10/21/2020	4		363.217	363.22	\$18.67	\$6,781								\$	6,781	\$	1,755	\$	5,026
10/21/2020	5		399.682	399.68	\$26.46	\$10,576								\$	10,576	\$	2,487	\$	8,088
10/21/2020	6		430.187	430.19	\$29.03	\$12,488								\$	12,488	\$	2,729	\$	9,760
10/21/2020	7		433.215	433.22	\$28.48	\$12,338								\$	12,338	\$	2,677	\$	9,661
10/21/2020	8		436.247	436.25	\$30.73	\$13,406								\$	13,406	\$	2,889	\$	10,517
10/21/2020	9		445.192	445.19	\$34.60	\$15,404								\$	15,404	\$	3,252	\$	12,151
10/21/2020	10		450.115	450.12	\$34.55	\$15,552								\$	15,552	\$	3,248	\$	12,304
10/21/2020	11		457.084	457.08	\$32.33	\$14,777								\$	14,777	\$	3,039	\$	11,738
10/21/2020	12		461.178	461.18	\$31.59	\$14,569								\$	14,569	\$	2,969	\$	11,599
10/21/2020	13		461.246	461.25	\$31.14	\$14,363								\$	14,363	\$	2,927	\$	11,436
10/21/2020	14		459.261	459.26	\$31.45	\$14,444								\$	14,444	\$	2,956	\$	11,487
10/21/2020	15		457.326	457.33	\$33.20	\$15,183								\$	15,183	\$	3,121	\$	12,063
10/21/2020	16		456.328	456.33	\$32.78	\$14,958								\$	14,958	\$	3,081	\$	11,877
10/21/2020	17		458.302	458.3	\$35.50	\$16,270								\$	16,270	\$	3,337	\$	12,933
10/21/2020	18		471.121	471.12	\$37.39	\$17,615								\$	17,615	\$	3,515	\$	14,101
10/21/2020	19		459.232	459.23	\$31.12	\$14,291								\$	14,291	\$	2,925	\$	11,366
10/21/2020	20		436.514	436.51	\$25.77	\$11,249								\$	11,249	\$	2,422	\$	8,826
10/21/2020	21		411.779	411.78	\$21.94	\$9,034								\$	9,034	\$	2,062	\$	6,972
10/21/2020	22		384.085	384.09	\$19.06	\$7,321								\$	7,321	\$	1,792	\$	5,529
10/21/2020	23		363.346	363.35	\$19.34	\$7,027								\$	7,027	\$	1,818	\$	5,209
10/22/2020	0		348.58	348.58	\$18.30	\$6,379								\$	6,379	\$	1,720	\$	4,659
10/22/2020	1		338.878	338.88	\$16.79	\$5,690								\$	5,690	\$	1,578	\$	4,112
10/22/2020	2		335.273	335.27	\$16.38	\$5,492								\$	5,492	\$	1,540	\$	3,952
10/22/2020	3		341.373	341.37	\$16.80	\$5,735								\$	5,735	\$	1,579	\$	4,156
10/22/2020	4		356.058	356.06	\$19.05	\$6,783								\$	6,783	\$	1,791	\$	4,992
10/22/2020	5		391.188	391.19	\$28.21	\$11,035								\$	11,035	\$	2,652	\$	8,384
10/22/2020	6		424.63	424.63	\$28.54	\$12,119								\$	12,119	\$	2,683	\$	9,436
10/22/2020	7		425.594	425.59	\$27.46	\$11,687								\$	11,687	\$	2,581	\$	9,105

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
10/22/2020	8	435.489	435.49	\$27.68	\$12,054								\$ 12,054	\$ 2,602	\$ 9,452
10/22/2020	9	452.29	452.29	\$29.80	\$13,478								\$ 13,478	\$ 2,801	\$ 10,677
10/22/2020	10	467.076	467.08	\$34.56	\$16,142								\$ 16,142	\$ 3,249	\$ 12,894
10/22/2020	11	482.99	482.99	\$33.01	\$15,943								\$ 15,943	\$ 3,103	\$ 12,841
10/22/2020	12	492.883	492.88	\$33.46	\$16,492								\$ 16,492	\$ 3,145	\$ 13,347
10/22/2020	13	503.724	503.72	\$34.73	\$17,494								\$ 17,494	\$ 3,265	\$ 14,230
10/22/2020	14	507.668	507.67	\$35.59	\$18,068								\$ 18,068	\$ 3,345	\$ 14,723
10/22/2020	15	508.647	508.65	\$38.08	\$19,369								\$ 19,369	\$ 3,580	\$ 15,790
10/22/2020	16	503.68	503.68	\$36.39	\$18,329								\$ 18,329	\$ 3,421	\$ 14,908
10/22/2020	17	496.819	496.82	\$37.60	\$18,680								\$ 18,680	\$ 3,534	\$ 15,146
10/22/2020	18	501.609	501.61	\$34.70	\$17,406								\$ 17,406	\$ 3,262	\$ 14,144
10/22/2020	19	488.702	488.7	\$31.88	\$15,580								\$ 15,580	\$ 2,997	\$ 12,583
10/22/2020	20	462.151	462.15	\$24.21	\$11,189								\$ 11,189	\$ 2,276	\$ 8,913
10/22/2020	21	437.429	437.43	\$21.58	\$9,440								\$ 9,440	\$ 2,029	\$ 7,411
10/22/2020	22	409.762	409.76	\$18.04	\$7,392								\$ 7,392	\$ 1,696	\$ 5,696
10/22/2020	23	380.485	380.49	\$17.97	\$6,837								\$ 6,837	\$ 1,689	\$ 5,148
10/23/2020	0	362.886	362.89	\$15.48	\$5,618								\$ 5,618	\$ 1,455	\$ 4,162
10/23/2020	1	350.151	350.15	\$13.65	\$4,780								\$ 4,780	\$ 1,283	\$ 3,496
10/23/2020	2	345.244	345.24	\$13.32	\$4,599								\$ 4,599	\$ 1,252	\$ 3,347
10/23/2020	3	345.291	345.29	\$13.96	\$4,820								\$ 4,820	\$ 1,312	\$ 3,508
10/23/2020	4	358.072	358.07	\$17.86	\$6,395								\$ 6,395	\$ 1,679	\$ 4,716
10/23/2020	5	391.574	391.57	\$29.28	\$11,465								\$ 11,465	\$ 2,752	\$ 8,713
10/23/2020	6	422.999	423	\$30.23	\$12,787								\$ 12,787	\$ 2,842	\$ 9,946
10/23/2020	7	430.913	430.91	\$30.18	\$13,005								\$ 13,005	\$ 2,837	\$ 10,168
10/23/2020	8	440.771	440.77	\$27.28	\$12,024								\$ 12,024	\$ 2,564	\$ 9,460
10/23/2020	9	453.487	453.49	\$34.85	\$15,804								\$ 15,804	\$ 3,276	\$ 12,528
10/23/2020	10	471.13	471.13	\$33.12	\$15,604								\$ 15,604	\$ 3,113	\$ 12,491
10/23/2020	11	484.84	484.84	\$43.56	\$21,120								\$ 21,120	\$ 4,095	\$ 17,025
10/23/2020	12	483.827	483.83	\$41.75	\$20,200								\$ 20,200	\$ 3,925	\$ 16,275
10/23/2020	13	500.634	500.63	\$38.40	\$19,224								\$ 19,224	\$ 3,610	\$ 15,615
10/23/2020	14	505.451	505.45	\$46.49	\$23,498								\$ 23,498	\$ 4,370	\$ 19,128
10/23/2020	15	501.105	501.11	\$52.20	\$26,158								\$ 26,158	\$ 4,907	\$ 21,251
10/23/2020	16	492.34	492.34	\$56.79	\$27,960								\$ 27,960	\$ 5,338	\$ 22,622
10/23/2020	17	484.591	484.59	\$58.54	\$28,368								\$ 28,368	\$ 5,503	\$ 22,865
10/23/2020	18	481.853	481.85	\$44.39	\$21,389								\$ 21,389	\$ 4,173	\$ 17,217
10/23/2020	19	460.341	460.34	\$36.08	\$16,609								\$ 16,609	\$ 3,392	\$ 13,218
10/23/2020	20	438.843	438.84	\$27.22	\$11,945								\$ 11,945	\$ 2,559	\$ 9,387
10/23/2020	21	409.405	409.41	\$21.43	\$8,774								\$ 8,774	\$ 2,014	\$ 6,759
10/23/2020	22	372.048	372.05	\$18.67	\$6,946								\$ 6,946	\$ 1,755	\$ 5,191
10/23/2020	23	344.388	344.39	\$17.62	\$6,068								\$ 6,068	\$ 1,656	\$ 4,412
10/24/2020	0	328.695	328.7	\$17.29	\$5,683								\$ 5,683	\$ 1,625	\$ 4,058
10/24/2020	1	315.863	315.86	\$15.72	\$4,965								\$ 4,965	\$ 1,478	\$ 3,488
10/24/2020	2	311.943	311.94	\$15.53	\$4,844								\$ 4,844	\$ 1,460	\$ 3,385
10/24/2020	3	311.968	311.97	\$16.74	\$5,222								\$ 5,222	\$ 1,574	\$ 3,649
10/24/2020	4	317.906	317.91	\$17.89	\$5,687								\$ 5,687	\$ 1,682	\$ 4,006
10/24/2020	5	334.521	334.52	\$20.06	\$6,710								\$ 6,710	\$ 1,886	\$ 4,825
10/24/2020	6	350.505	350.51	\$22.13	\$7,757								\$ 7,757	\$ 2,080	\$ 5,677
10/24/2020	7	361.294	361.29	\$23.90	\$8,635								\$ 8,635	\$ 2,247	\$ 6,388
10/24/2020	8	375.126	375.13	\$25.23	\$9,465								\$ 9,465	\$ 2,372	\$ 7,093
10/24/2020	9	387.87	387.87	\$27.94	\$10,837								\$ 10,837	\$ 2,626	\$ 8,211
10/24/2020	10	393.685	393.69	\$25.89	\$10,193								\$ 10,193	\$ 2,434	\$ 7,759
10/24/2020	11	390.632	390.63	\$25.64	\$10,016								\$ 10,016	\$ 2,410	\$ 7,606
10/24/2020	12	387.589	387.59	\$24.69	\$9,570								\$ 9,570	\$ 2,321	\$ 7,249
10/24/2020	13	378.949	378.95	\$24.19	\$9,167								\$ 9,167	\$ 2,274	\$ 6,893
10/24/2020	14	372.037	372.04	\$23.54	\$8,758								\$ 8,758	\$ 2,213	\$ 6,545
10/24/2020	15	371.987	371.99	\$24.52	\$9,121								\$ 9,121	\$ 2,305	\$ 6,816

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Demand (MW)	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate					
														Calculation (\$)	Calculation (\$)	Calculation (\$)			
10/24/2020	16		373.916	373.92	\$25.31	\$9,464								\$	9,464	\$	2,379	\$	7,085
10/24/2020	17		378.856	378.86	\$29.08	\$11,017								\$	11,017	\$	2,734	\$	8,284
10/24/2020	18		396.618	396.62	\$29.52	\$11,708								\$	11,708	\$	2,775	\$	8,933
10/24/2020	19		391.634	391.63	\$25.68	\$10,057								\$	10,057	\$	2,414	\$	7,643
10/24/2020	20		377.875	377.88	\$23.31	\$8,808								\$	8,808	\$	2,191	\$	6,617
10/24/2020	21		363.085	363.09	\$21.66	\$7,865								\$	7,865	\$	2,036	\$	5,828
10/24/2020	22		345.323	345.32	\$20.47	\$7,069								\$	7,069	\$	1,924	\$	5,145
10/24/2020	23		330.589	330.59	\$19.78	\$6,539								\$	6,539	\$	1,859	\$	4,680
10/25/2020	0		320.698	320.7	\$19.48	\$6,247								\$	6,247	\$	1,831	\$	4,416
10/25/2020	1		312.793	312.79	\$18.41	\$5,758								\$	5,758	\$	1,731	\$	4,028
10/25/2020	2		309.779	309.78	\$17.97	\$5,567								\$	5,567	\$	1,689	\$	3,878
10/25/2020	3		309.768	309.77	\$18.33	\$5,678								\$	5,678	\$	1,723	\$	3,955
10/25/2020	4		313.7	313.7	\$18.17	\$5,700								\$	5,700	\$	1,708	\$	3,992
10/25/2020	5		325.539	325.54	\$20.83	\$6,781								\$	6,781	\$	1,958	\$	4,823
10/25/2020	6		341.45	341.45	\$21.69	\$7,406								\$	7,406	\$	2,039	\$	5,367
10/25/2020	7		357.119	357.12	\$22.54	\$8,049								\$	8,049	\$	2,119	\$	5,931
10/25/2020	8		376.728	376.73	\$24.04	\$9,057								\$	9,057	\$	2,260	\$	6,797
10/25/2020	9		388.495	388.5	\$25.33	\$9,841								\$	9,841	\$	2,381	\$	7,460
10/25/2020	10		393.356	393.36	\$23.71	\$9,327								\$	9,327	\$	2,229	\$	7,098
10/25/2020	11		396.296	396.3	\$23.15	\$9,174								\$	9,174	\$	2,176	\$	6,998
10/25/2020	12		392.415	392.42	\$22.34	\$8,767								\$	8,767	\$	2,100	\$	6,667
10/25/2020	13		388.554	388.55	\$22.53	\$8,754								\$	8,754	\$	2,118	\$	6,636
10/25/2020	14		384.614	384.61	\$22.58	\$8,684								\$	8,684	\$	2,123	\$	6,562
10/25/2020	15		388.517	388.52	\$24.49	\$9,515								\$	9,515	\$	2,302	\$	7,213
10/25/2020	16		397.324	397.32	\$29.81	\$11,844								\$	11,844	\$	2,802	\$	9,042
10/25/2020	17		410.029	410.03	\$36.55	\$14,987								\$	14,987	\$	3,436	\$	11,551
10/25/2020	18		417.959	417.96	\$36.05	\$15,067								\$	15,067	\$	3,389	\$	11,679
10/25/2020	19		409.17	409.17	\$29.10	\$11,907								\$	11,907	\$	2,735	\$	9,171
10/25/2020	20		391.495	391.5	\$25.44	\$9,960								\$	9,960	\$	2,391	\$	7,568
10/25/2020	21		370.939	370.94	\$21.78	\$8,079								\$	8,079	\$	2,047	\$	6,032
10/25/2020	22		350.219	350.22	\$20.66	\$7,236								\$	7,236	\$	1,942	\$	5,294
10/25/2020	23		336.408	336.41	\$20.65	\$6,947								\$	6,947	\$	1,941	\$	5,006
10/26/2020	0		325.598	325.6	\$20.00	\$6,512								\$	6,512	\$	1,880	\$	4,632
10/26/2020	1		318.735	318.74	\$19.29	\$6,148								\$	6,148	\$	1,813	\$	4,335
10/26/2020	2		317.737	317.74	\$19.33	\$6,142								\$	6,142	\$	1,817	\$	4,325
10/26/2020	3		323.708	323.71	\$20.21	\$6,542								\$	6,542	\$	1,900	\$	4,642
10/26/2020	4		346.409	346.41	\$23.15	\$8,019								\$	8,019	\$	2,176	\$	5,843
10/26/2020	5		383.668	383.67	\$32.65	\$12,527								\$	12,527	\$	3,069	\$	9,458
10/26/2020	6		418.092	418.09	\$36.37	\$15,206								\$	15,206	\$	3,419	\$	11,787
10/26/2020	7		429.929	429.93	\$36.97	\$15,895								\$	15,895	\$	3,475	\$	12,419
10/26/2020	8		435.925	435.93	\$36.67	\$15,986								\$	15,986	\$	3,447	\$	12,539
10/26/2020	9		439.09	439.09	\$37.37	\$16,409								\$	16,409	\$	3,513	\$	12,896
10/26/2020	10		441.052	441.05	\$39.49	\$17,417								\$	17,417	\$	3,712	\$	13,705
10/26/2020	11		442.034	442.03	\$36.06	\$15,940								\$	15,940	\$	3,390	\$	12,550
10/26/2020	12		446.049	446.05	\$33.30	\$14,853								\$	14,853	\$	3,130	\$	11,723
10/26/2020	13		445.126	445.13	\$31.22	\$13,897								\$	13,897	\$	2,935	\$	10,962
10/26/2020	14		444.183	444.18	\$29.65	\$13,170								\$	13,170	\$	2,787	\$	10,383
10/26/2020	15		443.211	443.21	\$31.45	\$13,939								\$	13,939	\$	2,956	\$	10,983
10/26/2020	16		446.145	446.15	\$33.47	\$14,933								\$	14,933	\$	3,146	\$	11,786
10/26/2020	17		453.115	453.12	\$40.14	\$18,188								\$	18,188	\$	3,773	\$	14,415
10/26/2020	18		455.102	455.1	\$37.43	\$17,034								\$	17,034	\$	3,518	\$	13,516
10/26/2020	19		442.268	442.27	\$34.46	\$15,241								\$	15,241	\$	3,239	\$	12,001
10/26/2020	20		425.515	425.52	\$28.08	\$11,949								\$	11,949	\$	2,640	\$	9,309
10/26/2020	21		403.768	403.77	\$24.16	\$9,755								\$	9,755	\$	2,271	\$	7,484
10/26/2020	22		380.127	380.13	\$22.20	\$8,439								\$	8,439	\$	2,087	\$	6,352
10/26/2020	23		363.401	363.4	\$20.82	\$7,566								\$	7,566	\$	1,957	\$	5,609

Hourly Purchase Energy Expense Detail - 2019 & 2020

Date	Hour	Customer	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)			
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6		
10/27/2020	0	350.569	350.57	\$21.87	\$7,667							\$	7,667	\$	2,056	\$	5,611
10/27/2020	1	344.644	344.64	\$20.49	\$7,062							\$	7,062	\$	1,926	\$	5,136
10/27/2020	2	342.687	342.69	\$20.52	\$7,032							\$	7,032	\$	1,929	\$	5,103
10/27/2020	3	349.574	349.57	\$21.43	\$7,491							\$	7,491	\$	2,014	\$	5,477
10/27/2020	4	367.303	367.3	\$23.91	\$8,782							\$	8,782	\$	2,248	\$	6,535
10/27/2020	5	407.636	407.64	\$33.01	\$13,456							\$	13,456	\$	3,103	\$	10,353
10/27/2020	6	442.163	442.16	\$37.78	\$16,705							\$	16,705	\$	3,551	\$	13,153
10/27/2020	7	446.074	446.07	\$37.76	\$16,844							\$	16,844	\$	3,549	\$	13,294
10/27/2020	8	447.051	447.05	\$39.03	\$17,448							\$	17,448	\$	3,669	\$	13,780
10/27/2020	9	452.954	452.95	\$39.89	\$18,068							\$	18,068	\$	3,750	\$	14,319
10/27/2020	10	451.941	451.94	\$40.29	\$18,209							\$	18,209	\$	3,787	\$	14,421
10/27/2020	11	449.967	449.97	\$37.67	\$16,950							\$	16,950	\$	3,541	\$	13,409
10/27/2020	12	448.034	448.03	\$32.07	\$14,368							\$	14,368	\$	3,015	\$	11,354
10/27/2020	13	444.172	444.17	\$31.04	\$13,787							\$	13,787	\$	2,918	\$	10,869
10/27/2020	14	442.258	442.26	\$28.69	\$12,688							\$	12,688	\$	2,697	\$	9,992
10/27/2020	15	437.385	437.39	\$29.28	\$12,807							\$	12,807	\$	2,752	\$	10,054
10/27/2020	16	444.296	444.3	\$32.73	\$14,542							\$	14,542	\$	3,077	\$	11,465
10/27/2020	17	454.122	454.12	\$38.65	\$17,552							\$	17,552	\$	3,633	\$	13,919
10/27/2020	18	458.123	458.12	\$36.50	\$16,721							\$	16,721	\$	3,431	\$	13,290
10/27/2020	19	442.404	442.4	\$34.54	\$15,280							\$	15,280	\$	3,247	\$	12,034
10/27/2020	20	421.5	421.5	\$28.01	\$11,806							\$	11,806	\$	2,633	\$	9,173
10/27/2020	21	398.409	398.41	\$24.63	\$9,813							\$	9,813	\$	2,315	\$	7,498
10/27/2020	22	374.365	374.37	\$17.43	\$6,525							\$	6,525	\$	1,638	\$	4,887
10/27/2020	23	358.569	358.57	\$22.23	\$7,971							\$	7,971	\$	2,090	\$	5,881
10/28/2020	0	347.655	347.66	\$21.68	\$7,537							\$	7,537	\$	2,038	\$	5,499
10/28/2020	1	340.698	340.7	\$20.97	\$7,144							\$	7,144	\$	1,971	\$	5,173
10/28/2020	2	338.766	338.77	\$20.75	\$7,029							\$	7,029	\$	1,951	\$	5,079
10/28/2020	3	342.858	342.86	\$21.77	\$7,464							\$	7,464	\$	2,046	\$	5,418
10/28/2020	4	361.575	361.58	\$23.58	\$8,526							\$	8,526	\$	2,217	\$	6,310
10/28/2020	5	397.063	397.06	\$32.80	\$13,024							\$	13,024	\$	3,083	\$	9,940
10/28/2020	6	426.688	426.69	\$41.25	\$17,601							\$	17,601	\$	3,878	\$	13,723
10/28/2020	7	432.688	432.69	\$40.85	\$17,675							\$	17,675	\$	3,840	\$	13,835
10/28/2020	8	429.72	429.72	\$40.20	\$17,275							\$	17,275	\$	3,779	\$	13,496
10/28/2020	9	433.714	433.71	\$40.81	\$17,700							\$	17,700	\$	3,836	\$	13,864
10/28/2020	10	438.695	438.7	\$38.93	\$17,079							\$	17,079	\$	3,659	\$	13,419
10/28/2020	11	440.653	440.65	\$34.68	\$15,282							\$	15,282	\$	3,260	\$	12,022
10/28/2020	12	439.712	439.71	\$32.83	\$14,436							\$	14,436	\$	3,086	\$	11,350
10/28/2020	13	432.752	432.75	\$33.14	\$14,341							\$	14,341	\$	3,115	\$	11,226
10/28/2020	14	433.79	433.79	\$31.99	\$13,877							\$	13,877	\$	3,007	\$	10,870
10/28/2020	15	428.849	428.85	\$33.15	\$14,216							\$	14,216	\$	3,116	\$	11,100
10/28/2020	16	427.834	427.83	\$36.80	\$15,744							\$	15,744	\$	3,459	\$	12,285
10/28/2020	17	437.652	437.65	\$42.64	\$18,661							\$	18,661	\$	4,008	\$	14,653
10/28/2020	18	443.598	443.6	\$41.12	\$18,241							\$	18,241	\$	3,865	\$	14,376
10/28/2020	19	431.798	431.8	\$33.76	\$14,578							\$	14,578	\$	3,173	\$	11,404
10/28/2020	20	412.917	412.92	\$27.00	\$11,149							\$	11,149	\$	2,538	\$	8,611
10/28/2020	21	391.172	391.17	\$23.26	\$9,099							\$	9,099	\$	2,186	\$	6,912
10/28/2020	22	370.449	370.45	\$21.43	\$7,939							\$	7,939	\$	2,014	\$	5,924
10/28/2020	23	355.551	355.55	\$20.81	\$7,399							\$	7,399	\$	1,956	\$	5,443
10/29/2020	0	344.686	344.69	\$19.81	\$6,828							\$	6,828	\$	1,862	\$	4,966
10/29/2020	1	337.756	337.76	\$18.84	\$6,363							\$	6,363	\$	1,771	\$	4,592
10/29/2020	2	333.771	333.77	\$18.60	\$6,208							\$	6,208	\$	1,748	\$	4,460
10/29/2020	3	340.723	340.72	\$19.01	\$6,477							\$	6,477	\$	1,787	\$	4,690
10/29/2020	4	358.587	358.59	\$20.26	\$7,265							\$	7,265	\$	1,904	\$	5,361
10/29/2020	5	389.976	389.98	\$24.66	\$9,617							\$	9,617	\$	2,318	\$	7,299
10/29/2020	6	425.543	425.54	\$30.51	\$12,983							\$	12,983	\$	2,868	\$	10,115
10/29/2020	7	441.444	441.44	\$31.22	\$13,782							\$	13,782	\$	2,935	\$	10,847

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)	
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6
10/29/2020	8	442.439	442.44	\$33.13	\$14,658								\$ 14,658	\$ 3,114	\$ 11,544
10/29/2020	9	449.277	449.28	\$34.91	\$15,684								\$ 15,684	\$ 3,282	\$ 12,403
10/29/2020	10	453.174	453.17	\$34.31	\$15,548								\$ 15,548	\$ 3,225	\$ 12,323
10/29/2020	11	451.217	451.22	\$34.14	\$15,405								\$ 15,405	\$ 3,209	\$ 12,195
10/29/2020	12	449.247	449.25	\$31.66	\$14,223								\$ 14,223	\$ 2,976	\$ 11,247
10/29/2020	13	447.243	447.24	\$28.50	\$12,746								\$ 12,746	\$ 2,679	\$ 10,067
10/29/2020	14	448.223	448.22	\$27.57	\$12,357								\$ 12,357	\$ 2,592	\$ 9,766
10/29/2020	15	450.193	450.19	\$30.22	\$13,605								\$ 13,605	\$ 2,841	\$ 10,764
10/29/2020	16	451.113	451.11	\$31.86	\$14,372								\$ 14,372	\$ 2,995	\$ 11,378
10/29/2020	17	459.149	459.15	\$35.73	\$16,405								\$ 16,405	\$ 3,359	\$ 13,047
10/29/2020	18	460.185	460.19	\$34.21	\$15,743								\$ 15,743	\$ 3,216	\$ 12,527
10/29/2020	19	449.419	449.42	\$32.83	\$14,754								\$ 14,754	\$ 3,086	\$ 11,668
10/29/2020	20	432.55	432.55	\$28.46	\$12,310								\$ 12,310	\$ 2,675	\$ 9,635
10/29/2020	21	410.924	410.92	\$24.75	\$10,170								\$ 10,170	\$ 2,327	\$ 7,844
10/29/2020	22	387.249	387.25	\$22.14	\$8,574								\$ 8,574	\$ 2,081	\$ 6,493
10/29/2020	23	372.372	372.37	\$23.21	\$8,643								\$ 8,643	\$ 2,182	\$ 6,461
10/30/2020	0	360.552	360.55	\$21.88	\$7,889								\$ 7,889	\$ 2,057	\$ 5,832
10/30/2020	1	353.656	353.66	\$21.24	\$7,512								\$ 7,512	\$ 1,997	\$ 5,515
10/30/2020	2	352.683	352.68	\$20.83	\$7,346								\$ 7,346	\$ 1,958	\$ 5,388
10/30/2020	3	358.618	358.62	\$21.60	\$7,746								\$ 7,746	\$ 2,030	\$ 5,716
10/30/2020	4	376.409	376.41	\$23.59	\$8,880								\$ 8,880	\$ 2,217	\$ 6,662
10/30/2020	5	413.002	413	\$30.08	\$12,423								\$ 12,423	\$ 2,828	\$ 9,596
10/30/2020	6	442.599	442.6	\$37.27	\$16,496								\$ 16,496	\$ 3,503	\$ 12,992
10/30/2020	7	448.487	448.49	\$39.40	\$17,671								\$ 17,671	\$ 3,704	\$ 13,967
10/30/2020	8	451.412	451.41	\$41.14	\$18,571								\$ 18,571	\$ 3,867	\$ 14,704
10/30/2020	9	449.356	449.36	\$40.68	\$18,280								\$ 18,280	\$ 3,824	\$ 14,456
10/30/2020	10	444.427	444.43	\$39.37	\$17,497								\$ 17,497	\$ 3,701	\$ 13,796
10/30/2020	11	439.54	439.54	\$37.13	\$16,320								\$ 16,320	\$ 3,490	\$ 12,830
10/30/2020	12	435.632	435.63	\$35.33	\$15,391								\$ 15,391	\$ 3,321	\$ 12,070
10/30/2020	13	430.64	430.64	\$32.91	\$14,172								\$ 14,172	\$ 3,094	\$ 11,079
10/30/2020	14	420.835	420.84	\$30.46	\$12,819								\$ 12,819	\$ 2,863	\$ 9,956
10/30/2020	15	417.87	417.87	\$30.33	\$12,674								\$ 12,674	\$ 2,851	\$ 9,823
10/30/2020	16	418.891	418.89	\$33.61	\$14,079								\$ 14,079	\$ 3,159	\$ 10,920
10/30/2020	17	427.766	427.77	\$38.39	\$16,422								\$ 16,422	\$ 3,609	\$ 12,813
10/30/2020	18	438.614	438.61	\$37.75	\$16,558								\$ 16,558	\$ 3,549	\$ 13,009
10/30/2020	19	433.671	433.67	\$33.71	\$14,619								\$ 14,619	\$ 3,169	\$ 11,450
10/30/2020	20	422.798	422.8	\$31.65	\$13,382								\$ 13,382	\$ 2,975	\$ 10,407
10/30/2020	21	408.979	408.98	\$29.15	\$11,922								\$ 11,922	\$ 2,740	\$ 9,182
10/30/2020	22	393.178	393.18	\$26.90	\$10,577								\$ 10,577	\$ 2,529	\$ 8,048
10/30/2020	23	380.263	380.26	\$29.79	\$11,328								\$ 11,328	\$ 2,800	\$ 8,528
10/31/2020	0	372.22	372.22	\$28.08	\$10,452								\$ 10,452	\$ 2,640	\$ 7,812
10/31/2020	1	367.289	367.29	\$26.58	\$9,763								\$ 9,763	\$ 2,499	\$ 7,264
10/31/2020	2	365.286	365.29	\$26.46	\$9,666								\$ 9,666	\$ 2,487	\$ 7,178
10/31/2020	3	371.166	371.17	\$27.28	\$10,126								\$ 10,126	\$ 2,564	\$ 7,561
10/31/2020	4	380.026	380.03	\$28.89	\$10,979								\$ 10,979	\$ 2,716	\$ 8,263
10/31/2020	5	397.706	397.71	\$31.73	\$12,619								\$ 12,619	\$ 2,983	\$ 9,637
10/31/2020	6	416.433	416.43	\$35.24	\$14,675								\$ 14,675	\$ 3,313	\$ 11,362
10/31/2020	7	424.333	424.33	\$34.45	\$14,618								\$ 14,618	\$ 3,238	\$ 11,380
10/31/2020	8	428.444	428.44	\$32.86	\$14,079								\$ 14,079	\$ 3,089	\$ 10,990
10/31/2020	9	420.586	420.59	\$31.11	\$13,085								\$ 13,085	\$ 2,924	\$ 10,160
10/31/2020	10	411.604	411.6	\$27.02	\$11,121								\$ 11,121	\$ 2,540	\$ 8,582
10/31/2020	11	399.794	399.79	\$25.82	\$10,323								\$ 10,323	\$ 2,427	\$ 7,895
10/31/2020	12	388.989	388.99	\$24.20	\$9,414								\$ 9,414	\$ 2,275	\$ 7,139
10/31/2020	13	381.088	381.09	\$24.05	\$9,165								\$ 9,165	\$ 2,261	\$ 6,905
10/31/2020	14	377.045	377.05	\$23.21	\$8,751								\$ 8,751	\$ 2,182	\$ 6,570
10/31/2020	15	377.017	377.02	\$24.08	\$9,079								\$ 9,079	\$ 2,264	\$ 6,815

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase	Purchase	Total Purchase	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate	Intermediate	Intermediate
Date	Beginning (HB)	Demand (MW)	Energy (MWh)	(\$/MWh)	Energy Expense (\$)								Calculation (\$)	Calculation (\$)	Calculation (\$)
10/31/2020	16	372.03	372.03	\$26.23	\$9,758								\$ 9,758	\$ 2,466	\$ 7,293
10/31/2020	17	367.082	349.08	\$28.98	\$10,116				3	3	3		\$ 10,116	\$ 2,724	\$ 7,392
10/31/2020	18	379.97	301.97	\$29.57	\$8,929				12	13	14		\$ 8,929	\$ 2,780	\$ 6,150
10/31/2020	19	379.906	379.91	\$28.63	\$10,877								\$ 10,877	\$ 2,691	\$ 8,186
10/31/2020	20	373.936	373.94	\$26.62	\$9,954								\$ 9,954	\$ 2,502	\$ 7,452
10/31/2020	21	362.226	362.23	\$25.29	\$9,161								\$ 9,161	\$ 2,377	\$ 6,784
10/31/2020	22	349.683	349.68	\$24.67	\$8,627								\$ 8,627	\$ 2,319	\$ 6,308
10/31/2020	23	337.933	337.93	\$22.83	\$7,715								\$ 7,715	\$ 2,146	\$ 5,569
11/1/2020	0	313.182	313.18	\$20.44	\$6,401								\$ 6,401	\$ 1,921	\$ 4,480
11/1/2020	1	313.182	313.18	\$0.00	\$0								\$ -	\$ -	\$ -
11/1/2020	2	316.231	316.23	\$20.73	\$6,555								\$ 6,555	\$ 1,949	\$ 4,607
11/1/2020	3	314.338	314.34	\$20.10	\$6,318								\$ 6,318	\$ 1,889	\$ 4,429
11/1/2020	4	312.196	312.2	\$20.17	\$6,297								\$ 6,297	\$ 1,896	\$ 4,401
11/1/2020	5	314.016	314.02	\$20.01	\$6,284								\$ 6,284	\$ 1,881	\$ 4,403
11/1/2020	6	320.633	320.63	\$21.67	\$6,948								\$ 6,948	\$ 2,037	\$ 4,911
11/1/2020	7	331.448	331.45	\$22.44	\$7,438								\$ 7,438	\$ 2,109	\$ 5,328
11/1/2020	8	342.365	342.37	\$24.60	\$8,422								\$ 8,422	\$ 2,312	\$ 6,110
11/1/2020	9	353.281	353.28	\$25.35	\$8,956								\$ 8,956	\$ 2,383	\$ 6,573
11/1/2020	10	365.12	365.12	\$24.40	\$8,909								\$ 8,909	\$ 2,294	\$ 6,615
11/1/2020	11	370.042	370.04	\$23.68	\$8,763								\$ 8,763	\$ 2,226	\$ 6,537
11/1/2020	12	373.02	373.02	\$23.55	\$8,785								\$ 8,785	\$ 2,214	\$ 6,571
11/1/2020	13	375.012	375.01	\$23.56	\$8,835								\$ 8,835	\$ 2,215	\$ 6,621
11/1/2020	14	373.036	373.04	\$23.57	\$8,793								\$ 8,793	\$ 2,216	\$ 6,577
11/1/2020	15	369.078	369.08	\$24.62	\$9,087								\$ 9,087	\$ 2,314	\$ 6,772
11/1/2020	16	373.942	373.94	\$25.69	\$9,607								\$ 9,607	\$ 2,415	\$ 7,192
11/1/2020	17	389.69	389.69	\$34.96	\$13,624								\$ 13,624	\$ 3,286	\$ 10,337
11/1/2020	18	422.442	422.44	\$33.26	\$14,050								\$ 14,050	\$ 3,126	\$ 10,924
11/1/2020	19	444.217	444.22	\$29.24	\$12,989								\$ 12,989	\$ 2,749	\$ 10,240
11/1/2020	20	439.467	439.47	\$27.53	\$12,099								\$ 12,099	\$ 2,588	\$ 9,511
11/1/2020	21	428.575	428.58	\$25.54	\$10,946								\$ 10,946	\$ 2,401	\$ 8,545
11/1/2020	22	416.832	416.83	\$24.18	\$10,079								\$ 10,079	\$ 2,273	\$ 7,806
11/1/2020	23	400.01	400.01	\$23.28	\$9,312								\$ 9,312	\$ 2,188	\$ 7,124
11/2/2020	0	384.182	384.18	\$22.15	\$8,510								\$ 8,510	\$ 2,082	\$ 6,427
11/2/2020	1	375.295	375.3	\$22.27	\$8,358								\$ 8,358	\$ 2,093	\$ 6,265
11/2/2020	2	377.249	377.25	\$22.37	\$8,439								\$ 8,439	\$ 2,103	\$ 6,336
11/2/2020	3	380.214	380.21	\$22.46	\$8,540								\$ 8,540	\$ 2,111	\$ 6,428
11/2/2020	4	395.059	395.06	\$24.23	\$9,572								\$ 9,572	\$ 2,278	\$ 7,295
11/2/2020	5	419.783	419.78	\$29.59	\$12,421								\$ 12,421	\$ 2,781	\$ 9,640
11/2/2020	6	458.339	458.34	\$51.48	\$23,595								\$ 23,595	\$ 4,839	\$ 18,756
11/2/2020	7	485.037	485.04	\$49.90	\$24,203								\$ 24,203	\$ 4,691	\$ 19,513
11/2/2020	8	485.987	485.99	\$38.71	\$18,813								\$ 18,813	\$ 3,639	\$ 15,174
11/2/2020	9	471.049	471.05	\$34.30	\$16,157								\$ 16,157	\$ 3,224	\$ 12,933
11/2/2020	10	467.063	467.06	\$32.47	\$15,165								\$ 15,165	\$ 3,052	\$ 12,113
11/2/2020	11	462.211	462.21	\$29.47	\$13,621								\$ 13,621	\$ 2,770	\$ 10,851
11/2/2020	12	454.323	454.32	\$28.30	\$12,857								\$ 12,857	\$ 2,660	\$ 10,197
11/2/2020	13	448.399	448.4	\$25.70	\$11,524								\$ 11,524	\$ 2,416	\$ 9,108
11/2/2020	14	444.358	444.36	\$24.62	\$10,940								\$ 10,940	\$ 2,314	\$ 8,626
11/2/2020	15	443.34	443.34	\$25.01	\$11,088								\$ 11,088	\$ 2,351	\$ 8,737
11/2/2020	16	443.243	443.24	\$25.06	\$11,108								\$ 11,108	\$ 2,356	\$ 8,752
11/2/2020	17	463.829	463.83	\$47.62	\$22,088								\$ 22,088	\$ 4,476	\$ 17,611
11/2/2020	18	480.736	480.74	\$48.78	\$23,450								\$ 23,450	\$ 4,585	\$ 18,865
11/2/2020	19	475.796	475.8	\$34.17	\$16,258								\$ 16,258	\$ 3,212	\$ 13,046
11/2/2020	20	463.928	463.93	\$31.86	\$14,781								\$ 14,781	\$ 2,995	\$ 11,786
11/2/2020	21	448.112	448.11	\$28.63	\$12,829								\$ 12,829	\$ 2,691	\$ 10,138
11/2/2020	22	430.261	430.26	\$25.03	\$10,769								\$ 10,769	\$ 2,353	\$ 8,417
11/2/2020	23	411.448	411.45	\$24.50	\$10,081								\$ 10,081	\$ 2,303	\$ 7,778



Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)			
11/3/2020	0	398.668	398.67	\$21.32	\$8,500								\$	8,500	\$	2,004	\$	6,496
11/3/2020	1	390.754	390.75	\$20.92	\$8,174								\$	8,174	\$	1,966	\$	6,208
11/3/2020	2	385.78	385.78	\$19.85	\$7,658								\$	7,658	\$	1,866	\$	5,792
11/3/2020	3	384.828	384.83	\$19.87	\$7,647								\$	7,647	\$	1,868	\$	5,779
11/3/2020	4	393.703	393.7	\$22.06	\$8,685								\$	8,685	\$	2,074	\$	6,611
11/3/2020	5	417.481	417.48	\$25.32	\$10,571								\$	10,571	\$	2,380	\$	8,191
11/3/2020	6	446.064	446.06	\$39.01	\$17,401								\$	17,401	\$	3,667	\$	13,734
11/3/2020	7	465.866	465.87	\$39.34	\$18,327								\$	18,327	\$	3,698	\$	14,629
11/3/2020	8	464.855	464.86	\$30.63	\$14,239								\$	14,239	\$	2,879	\$	11,359
11/3/2020	9	454.042	454.04	\$27.29	\$12,391								\$	12,391	\$	2,565	\$	9,825
11/3/2020	10	446.174	446.17	\$26.54	\$11,841								\$	11,841	\$	2,495	\$	9,347
11/3/2020	11	439.264	439.26	\$24.63	\$10,819								\$	10,819	\$	2,315	\$	8,504
11/3/2020	12	432.366	432.37	\$23.84	\$10,308								\$	10,308	\$	2,241	\$	8,067
11/3/2020	13	429.454	429.45	\$22.83	\$9,804								\$	9,804	\$	2,146	\$	7,658
11/3/2020	14	428.462	428.46	\$22.02	\$9,435								\$	9,435	\$	2,070	\$	7,365
11/3/2020	15	426.454	426.45	\$22.16	\$9,450								\$	9,450	\$	2,083	\$	7,367
11/3/2020	16	423.472	423.47	\$24.33	\$10,303								\$	10,303	\$	2,287	\$	8,016
11/3/2020	17	438.19	438.19	\$38.52	\$16,879								\$	16,879	\$	3,621	\$	13,258
11/3/2020	18	454.06	454.06	\$34.82	\$15,810								\$	15,810	\$	3,273	\$	12,537
11/3/2020	19	445.171	445.17	\$27.65	\$12,309								\$	12,309	\$	2,599	\$	9,710
11/3/2020	20	433.325	433.33	\$26.25	\$11,375								\$	11,375	\$	2,468	\$	8,907
11/3/2020	21	418.433	418.43	\$23.91	\$10,005								\$	10,005	\$	2,248	\$	7,757
11/3/2020	22	399.712	399.71	\$21.35	\$8,534								\$	8,534	\$	2,007	\$	6,527
11/3/2020	23	380.887	380.89	\$17.47	\$6,654								\$	6,654	\$	1,642	\$	5,012
11/4/2020	0	367.927	367.93	\$20.47	\$7,532								\$	7,532	\$	1,924	\$	5,607
11/4/2020	1	360.039	360.04	\$19.30	\$6,949								\$	6,949	\$	1,814	\$	5,135
11/4/2020	2	352.209	352.21	\$18.76	\$6,607								\$	6,607	\$	1,763	\$	4,844
11/4/2020	3	352.236	352.24	\$18.89	\$6,654								\$	6,654	\$	1,776	\$	4,878
11/4/2020	4	362.071	362.07	\$20.48	\$7,415								\$	7,415	\$	1,925	\$	5,490
11/4/2020	5	382.729	382.73	\$23.23	\$8,891								\$	8,891	\$	2,184	\$	6,707
11/4/2020	6	418.299	418.3	\$33.15	\$13,867								\$	13,867	\$	3,116	\$	10,751
11/4/2020	7	442.04	442.04	\$29.29	\$12,947								\$	12,947	\$	2,753	\$	10,194
11/4/2020	8	443.036	443.04	\$25.10	\$11,120								\$	11,120	\$	2,359	\$	8,761
11/4/2020	9	437.154	437.15	\$24.05	\$10,513								\$	10,513	\$	2,261	\$	8,253
11/4/2020	10	436.184	436.18	\$22.98	\$10,023								\$	10,023	\$	2,160	\$	7,863
11/4/2020	11	435.19	435.19	\$22.32	\$9,713								\$	9,713	\$	2,098	\$	7,615
11/4/2020	12	435.161	435.16	\$21.35	\$9,291								\$	9,291	\$	2,007	\$	7,284
11/4/2020	13	433.204	433.2	\$20.62	\$8,933								\$	8,933	\$	1,938	\$	6,994
11/4/2020	14	435.328	435.33	\$19.42	\$8,454								\$	8,454	\$	1,825	\$	6,629
11/4/2020	15	435.289	435.29	\$19.52	\$8,497								\$	8,497	\$	1,835	\$	6,662
11/4/2020	16	432.351	432.35	\$23.06	\$9,970								\$	9,970	\$	2,168	\$	7,802
11/4/2020	17	441.13	441.13	\$36.36	\$16,039								\$	16,039	\$	3,418	\$	12,622
11/4/2020	18	451.036	451.04	\$29.19	\$13,166								\$	13,166	\$	2,744	\$	10,422
11/4/2020	19	443.168	443.17	\$24.53	\$10,871								\$	10,871	\$	2,306	\$	8,565
11/4/2020	20	427.389	427.39	\$23.79	\$10,168								\$	10,168	\$	2,236	\$	7,931
11/4/2020	21	407.744	407.74	\$20.92	\$8,530								\$	8,530	\$	1,966	\$	6,563
11/4/2020	22	386.972	386.97	\$18.25	\$7,062								\$	7,062	\$	1,716	\$	5,347
11/4/2020	23	365.304	365.3	\$16.19	\$5,914								\$	5,914	\$	1,522	\$	4,392
11/5/2020	0	350.618	350.62	\$15.66	\$5,491								\$	5,491	\$	1,472	\$	4,019
11/5/2020	1	340.91	340.91	\$15.14	\$5,161								\$	5,161	\$	1,423	\$	3,738
11/5/2020	2	336.001	336	\$14.25	\$4,788								\$	4,788	\$	1,340	\$	3,449
11/5/2020	3	335.022	335.02	\$14.74	\$4,938								\$	4,938	\$	1,386	\$	3,553
11/5/2020	4	341.789	341.79	\$15.82	\$5,407								\$	5,407	\$	1,487	\$	3,920
11/5/2020	5	360.44	360.44	\$17.64	\$6,358								\$	6,358	\$	1,658	\$	4,700
11/5/2020	6	397.039	397.04	\$24.21	\$9,612								\$	9,612	\$	2,276	\$	7,337
11/5/2020	7	422.709	422.71	\$24.04	\$10,162								\$	10,162	\$	2,260	\$	7,902

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5			
11/5/2020	8	427.346	427.35	\$22.28	\$9,521							\$ 9,521	\$ 2,094	\$ 7,427
11/5/2020	9	426.37	426.37	\$22.69	\$9,674							\$ 9,674	\$ 2,133	\$ 7,541
11/5/2020	10	428.328	428.33	\$23.21	\$9,942							\$ 9,942	\$ 2,182	\$ 7,760
11/5/2020	11	430.317	430.32	\$23.60	\$10,156							\$ 10,156	\$ 2,218	\$ 7,937
11/5/2020	12	430.293	430.29	\$22.54	\$9,699							\$ 9,699	\$ 2,119	\$ 7,580
11/5/2020	13	428.345	428.35	\$21.57	\$9,240							\$ 9,240	\$ 2,028	\$ 7,212
11/5/2020	14	431.412	431.41	\$20.77	\$8,960							\$ 8,960	\$ 1,952	\$ 7,008
11/5/2020	15	427.406	427.41	\$20.93	\$8,946							\$ 8,946	\$ 1,967	\$ 6,978
11/5/2020	16	422.414	422.41	\$23.78	\$10,045							\$ 10,045	\$ 2,235	\$ 7,810
11/5/2020	17	437.254	437.25	\$33.21	\$14,521							\$ 14,521	\$ 3,122	\$ 11,399
11/5/2020	18	450.154	450.15	\$26.37	\$11,870							\$ 11,870	\$ 2,479	\$ 9,392
11/5/2020	19	442.292	442.29	\$22.67	\$10,027							\$ 10,027	\$ 2,131	\$ 7,896
11/5/2020	20	427.526	427.53	\$21.22	\$9,072							\$ 9,072	\$ 1,995	\$ 7,078
11/5/2020	21	409.81	409.81	\$18.09	\$7,413							\$ 7,413	\$ 1,700	\$ 5,713
11/5/2020	22	391.165	391.17	\$16.59	\$6,490							\$ 6,490	\$ 1,559	\$ 4,930
11/5/2020	23	368.562	368.56	\$14.87	\$5,480							\$ 5,480	\$ 1,398	\$ 4,083
11/6/2020	0	353.858	353.86	\$13.91	\$4,922							\$ 4,922	\$ 1,308	\$ 3,615
11/6/2020	1	345.078	345.08	\$11.97	\$4,131							\$ 4,131	\$ 1,125	\$ 3,005
11/6/2020	2	340.176	340.18	\$11.79	\$4,011							\$ 4,011	\$ 1,108	\$ 2,902
11/6/2020	3	340.084	340.08	\$12.33	\$4,193							\$ 4,193	\$ 1,159	\$ 3,034
11/6/2020	4	344.002	344	\$14.00	\$4,816							\$ 4,816	\$ 1,316	\$ 3,500
11/6/2020	5	364.484	364.48	\$16.54	\$6,028							\$ 6,028	\$ 1,555	\$ 4,474
11/6/2020	6	401.002	401	\$23.34	\$9,359							\$ 9,359	\$ 2,194	\$ 7,165
11/6/2020	7	424.505	424.51	\$23.42	\$9,942							\$ 9,942	\$ 2,201	\$ 7,741
11/6/2020	8	429.351	429.35	\$22.35	\$9,596							\$ 9,596	\$ 2,101	\$ 7,495
11/6/2020	9	425.4	425.4	\$23.25	\$9,891							\$ 9,891	\$ 2,186	\$ 7,705
11/6/2020	10	425.476	425.48	\$23.63	\$10,054							\$ 10,054	\$ 2,221	\$ 7,833
11/6/2020	11	426.438	426.44	\$23.71	\$10,111							\$ 10,111	\$ 2,229	\$ 7,882
11/6/2020	12	425.562	425.56	\$22.36	\$9,516							\$ 9,516	\$ 2,102	\$ 7,414
11/6/2020	13	426.601	426.6	\$20.70	\$8,831							\$ 8,831	\$ 1,946	\$ 6,885
11/6/2020	14	426.623	426.62	\$20.04	\$8,549							\$ 8,549	\$ 1,884	\$ 6,666
11/6/2020	15	427.645	427.65	\$19.80	\$8,467							\$ 8,467	\$ 1,861	\$ 6,606
11/6/2020	16	419.732	419.73	\$22.43	\$9,415							\$ 9,415	\$ 2,108	\$ 7,306
11/6/2020	17	423.659	423.66	\$28.77	\$12,189							\$ 12,189	\$ 2,704	\$ 9,484
11/6/2020	18	428.664	428.66	\$24.27	\$10,404							\$ 10,404	\$ 2,281	\$ 8,122
11/6/2020	19	417.899	417.9	\$19.94	\$8,333							\$ 8,333	\$ 1,874	\$ 6,459
11/6/2020	20	407.363	407.36	\$18.28	\$7,447							\$ 7,447	\$ 1,718	\$ 5,728
11/6/2020	21	393.733	393.73	\$16.26	\$6,402							\$ 6,402	\$ 1,528	\$ 4,874
11/6/2020	22	377.125	377.13	\$15.31	\$5,774							\$ 5,774	\$ 1,439	\$ 4,335
11/6/2020	23	359.216	359.22	\$12.80	\$4,598							\$ 4,598	\$ 1,203	\$ 3,395
11/7/2020	0	341.319	341.32	\$13.89	\$4,741							\$ 4,741	\$ 1,306	\$ 3,435
11/7/2020	1	331.284	331.28	\$13.60	\$4,505							\$ 4,505	\$ 1,278	\$ 3,227
11/7/2020	2	325.373	325.37	\$12.21	\$3,973							\$ 3,973	\$ 1,148	\$ 2,825
11/7/2020	3	323.371	323.37	\$11.93	\$3,858							\$ 3,858	\$ 1,121	\$ 2,736
11/7/2020	4	326.433	326.43	\$12.67	\$4,136							\$ 4,136	\$ 1,191	\$ 2,945
11/7/2020	5	335.355	335.36	\$13.76	\$4,615							\$ 4,615	\$ 1,293	\$ 3,321
11/7/2020	6	346.195	346.2	\$15.15	\$5,245							\$ 5,245	\$ 1,424	\$ 3,821
11/7/2020	7	358.973	358.97	\$15.58	\$5,593							\$ 5,593	\$ 1,465	\$ 4,128
11/7/2020	8	370.895	370.9	\$16.41	\$6,086							\$ 6,086	\$ 1,543	\$ 4,544
11/7/2020	9	378.914	378.91	\$17.57	\$6,657							\$ 6,657	\$ 1,652	\$ 5,006
11/7/2020	10	381.898	381.9	\$18.24	\$6,966							\$ 6,966	\$ 1,715	\$ 5,251
11/7/2020	11	382.627	382.63	\$17.26	\$6,604							\$ 6,604	\$ 1,622	\$ 4,982
11/7/2020	12	384.459	384.46	\$17.00	\$6,536							\$ 6,536	\$ 1,598	\$ 4,938
11/7/2020	13	386.142	386.14	\$16.54	\$6,387							\$ 6,387	\$ 1,555	\$ 4,832
11/7/2020	14	386.172	386.17	\$16.61	\$6,414							\$ 6,414	\$ 1,561	\$ 4,853
11/7/2020	15	386.126	386.13	\$16.97	\$6,553							\$ 6,553	\$ 1,595	\$ 4,957

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate	Intermediate	Intermediate
														Calculation (\$)	Calculation (\$)	Calculation (\$)
11/7/2020	16	387.855	387.86	\$20.45	\$7,932									\$ 7,932	\$ 1,922	\$ 6,009
11/7/2020	17	394.76	394.76	\$25.18	\$9,940									\$ 9,940	\$ 2,367	\$ 7,573
11/7/2020	18	401.774	401.77	\$21.47	\$8,626									\$ 8,626	\$ 2,018	\$ 6,608
11/7/2020	19	392.252	392.25	\$18.23	\$7,151									\$ 7,151	\$ 1,714	\$ 5,437
11/7/2020	20	378.766	378.77	\$17.20	\$6,515									\$ 6,515	\$ 1,617	\$ 4,898
11/7/2020	21	369.045	369.05	\$15.62	\$5,765									\$ 5,765	\$ 1,468	\$ 4,296
11/7/2020	22	350.23	350.23	\$14.29	\$5,005									\$ 5,005	\$ 1,343	\$ 3,662
11/7/2020	23	332.457	332.46	\$11.98	\$3,983									\$ 3,983	\$ 1,126	\$ 2,857
11/8/2020	0	318.66	318.66	\$10.96	\$3,493									\$ 3,493	\$ 1,030	\$ 2,462
11/8/2020	1	307.816	307.82	\$9.58	\$2,949									\$ 2,949	\$ 901	\$ 2,048
11/8/2020	2	301.86	301.86	\$9.08	\$2,741									\$ 2,741	\$ 854	\$ 1,887
11/8/2020	3	299.833	299.83	\$6.74	\$2,021									\$ 2,021	\$ 634	\$ 1,387
11/8/2020	4	301.819	301.82	\$9.49	\$2,864									\$ 2,864	\$ 892	\$ 1,972
11/8/2020	5	305.773	305.77	\$10.13	\$3,097									\$ 3,097	\$ 952	\$ 2,145
11/8/2020	6	315.691	315.69	\$11.38	\$3,593									\$ 3,593	\$ 1,070	\$ 2,523
11/8/2020	7	322.628	322.63	\$12.54	\$4,046									\$ 4,046	\$ 1,179	\$ 2,867
11/8/2020	8	351.106	351.11	\$12.91	\$4,533									\$ 4,533	\$ 1,214	\$ 3,319
11/8/2020	9	365.042	365.04	\$14.10	\$5,147									\$ 5,147	\$ 1,325	\$ 3,822
11/8/2020	10	378.002	378	\$14.84	\$5,610									\$ 5,610	\$ 1,395	\$ 4,215
11/8/2020	11	388.82	388.82	\$14.90	\$5,793									\$ 5,793	\$ 1,401	\$ 4,393
11/8/2020	12	387.892	387.89	\$15.42	\$5,981									\$ 5,981	\$ 1,449	\$ 4,532
11/8/2020	13	393.808	393.81	\$15.33	\$6,037									\$ 6,037	\$ 1,441	\$ 4,596
11/8/2020	14	401.707	401.71	\$15.72	\$6,315									\$ 6,315	\$ 1,478	\$ 4,837
11/8/2020	15	407.575	407.58	\$16.03	\$6,534									\$ 6,534	\$ 1,507	\$ 5,027
11/8/2020	16	414.433	414.43	\$19.74	\$8,181									\$ 8,181	\$ 1,856	\$ 6,325
11/8/2020	17	423.043	423.04	\$24.71	\$10,453									\$ 10,453	\$ 2,323	\$ 8,131
11/8/2020	18	430.633	430.63	\$20.02	\$8,621									\$ 8,621	\$ 1,882	\$ 6,739
11/8/2020	19	420.764	420.76	\$17.54	\$7,380									\$ 7,380	\$ 1,649	\$ 5,731
11/8/2020	20	407.262	407.26	\$16.71	\$6,805									\$ 6,805	\$ 1,571	\$ 5,235
11/8/2020	21	388.801	388.8	\$14.94	\$5,809									\$ 5,809	\$ 1,404	\$ 4,404
11/8/2020	22	366.245	366.25	\$13.22	\$4,842									\$ 4,842	\$ 1,243	\$ 3,599
11/8/2020	23	344.442	344.44	\$11.36	\$3,913									\$ 3,913	\$ 1,068	\$ 2,845
11/9/2020	0	328.621	328.62	\$10.05	\$3,303									\$ 3,303	\$ 945	\$ 2,358
11/9/2020	1	318.732	318.73	\$8.16	\$2,601									\$ 2,601	\$ 767	\$ 1,834
11/9/2020	2	313.797	313.8	\$8.04	\$2,523									\$ 2,523	\$ 756	\$ 1,767
11/9/2020	3	310.782	310.78	\$8.73	\$2,713									\$ 2,713	\$ 821	\$ 1,892
11/9/2020	4	320.706	320.71	\$10.75	\$3,448									\$ 3,448	\$ 1,011	\$ 2,437
11/9/2020	5	339.404	339.4	\$12.37	\$4,198									\$ 4,198	\$ 1,163	\$ 3,036
11/9/2020	6	376.847	376.85	\$18.85	\$7,104									\$ 7,104	\$ 1,772	\$ 5,332
11/9/2020	7	402.401	402.4	\$20.32	\$8,177									\$ 8,177	\$ 1,910	\$ 6,267
11/9/2020	8	418.085	418.09	\$19.41	\$8,115									\$ 8,115	\$ 1,825	\$ 6,291
11/9/2020	9	452.619	452.62	\$20.43	\$9,247									\$ 9,247	\$ 1,920	\$ 7,327
11/9/2020	10	467.248	467.25	\$22.00	\$10,280									\$ 10,280	\$ 2,068	\$ 8,212
11/9/2020	11	481.002	481	\$21.58	\$10,380									\$ 10,380	\$ 2,029	\$ 8,351
11/9/2020	12	494.556	494.56	\$23.27	\$11,508									\$ 11,508	\$ 2,187	\$ 9,321
11/9/2020	13	505.241	505.24	\$23.32	\$11,782									\$ 11,782	\$ 2,192	\$ 9,590
11/9/2020	14	512.138	512.14	\$21.85	\$11,190									\$ 11,190	\$ 2,054	\$ 9,136
11/9/2020	15	517.114	517.11	\$21.87	\$11,309									\$ 11,309	\$ 2,056	\$ 9,253
11/9/2020	16	514.17	514.17	\$22.66	\$11,651									\$ 11,651	\$ 2,130	\$ 9,521
11/9/2020	17	522.046	522.05	\$31.86	\$16,633									\$ 16,633	\$ 2,995	\$ 13,638
11/9/2020	18	529.085	529.09	\$25.36	\$13,418									\$ 13,418	\$ 2,384	\$ 11,034
11/9/2020	19	511.415	511.42	\$21.02	\$10,750									\$ 10,750	\$ 1,976	\$ 8,774
11/9/2020	20	492.818	492.82	\$19.10	\$9,413									\$ 9,413	\$ 1,795	\$ 7,617
11/9/2020	21	464.326	464.33	\$16.19	\$7,518									\$ 7,518	\$ 1,522	\$ 5,996
11/9/2020	22	436.964	436.96	\$14.85	\$6,489									\$ 6,489	\$ 1,396	\$ 5,093
11/9/2020	23	410.46	410.46	\$12.55	\$5,151									\$ 5,151	\$ 1,180	\$ 3,972



Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Beginning (HB)	Demand (MW)	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)			
							East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6		
11/12/2020	8	488.581	488.58	\$25.47	\$12,444								\$	12,444	\$	2,394	\$	10,050
11/12/2020	9	478.694	478.69	\$25.22	\$12,073								\$	12,073	\$	2,371	\$	9,702
11/12/2020	10	472.761	472.76	\$27.05	\$12,788								\$	12,788	\$	2,543	\$	10,245
11/12/2020	11	464.838	464.84	\$25.46	\$11,835								\$	11,835	\$	2,393	\$	9,442
11/12/2020	12	458.894	458.89	\$24.97	\$11,458								\$	11,458	\$	2,347	\$	9,111
11/12/2020	13	453.964	453.96	\$23.49	\$10,664								\$	10,664	\$	2,208	\$	8,455
11/12/2020	14	450.075	450.08	\$22.07	\$9,933								\$	9,933	\$	2,075	\$	7,859
11/12/2020	15	450.106	450.11	\$20.94	\$9,425								\$	9,425	\$	1,968	\$	7,457
11/12/2020	16	450.135	450.14	\$23.45	\$10,556								\$	10,556	\$	2,204	\$	8,351
11/12/2020	17	472.798	472.8	\$35.91	\$16,978								\$	16,978	\$	3,376	\$	13,603
11/12/2020	18	491.612	491.61	\$24.97	\$12,276								\$	12,276	\$	2,347	\$	9,928
11/12/2020	19	484.668	484.67	\$23.32	\$11,303								\$	11,303	\$	2,192	\$	9,110
11/12/2020	20	451.1	451.1	\$21.80	\$9,834								\$	9,834	\$	2,049	\$	7,785
11/12/2020	21	422.464	422.46	\$20.00	\$8,449								\$	8,449	\$	1,880	\$	6,569
11/12/2020	22	406.647	406.65	\$18.68	\$7,596								\$	7,596	\$	1,756	\$	5,840
11/12/2020	23	388.901	388.9	\$17.16	\$6,674								\$	6,674	\$	1,613	\$	5,060
11/13/2020	0	377.107	377.11	\$18.22	\$6,871								\$	6,871	\$	1,713	\$	5,158
11/13/2020	1	367.279	367.28	\$17.82	\$6,545								\$	6,545	\$	1,675	\$	4,870
11/13/2020	2	359.411	359.41	\$17.25	\$6,200								\$	6,200	\$	1,622	\$	4,578
11/13/2020	3	357.377	357.38	\$16.97	\$6,065								\$	6,065	\$	1,595	\$	4,470
11/13/2020	4	363.189	363.19	\$18.16	\$6,596								\$	6,596	\$	1,707	\$	4,888
11/13/2020	5	378.921	378.92	\$20.14	\$7,631								\$	7,631	\$	1,893	\$	5,738
11/13/2020	6	412.5	412.5	\$26.73	\$11,026								\$	11,026	\$	2,513	\$	8,514
11/13/2020	7	438.135	438.14	\$27.53	\$12,062								\$	12,062	\$	2,588	\$	9,474
11/13/2020	8	439.148	439.15	\$26.36	\$11,576								\$	11,576	\$	2,478	\$	9,098
11/13/2020	9	430.301	430.3	\$25.90	\$11,145								\$	11,145	\$	2,435	\$	8,710
11/13/2020	10	423.479	423.48	\$25.96	\$10,994								\$	10,994	\$	2,440	\$	8,553
11/13/2020	11	419.531	419.53	\$25.49	\$10,694								\$	10,694	\$	2,396	\$	8,298
11/13/2020	12	415.553	415.55	\$23.68	\$9,840								\$	9,840	\$	2,226	\$	7,614
11/13/2020	13	411.628	411.63	\$22.76	\$9,369								\$	9,369	\$	2,139	\$	7,229
11/13/2020	14	408.644	408.64	\$20.69	\$8,455								\$	8,455	\$	1,945	\$	6,510
11/13/2020	15	404.743	400.74	\$21.13	\$8,468		2	2					\$	8,468	\$	1,986	\$	6,481
11/13/2020	16	400.782	399.78	\$23.25	\$9,295			1					\$	9,295	\$	2,186	\$	7,109
11/13/2020	17	417.529	414.53	\$31.32	\$12,983						1	2	\$	12,983	\$	2,944	\$	10,039
11/13/2020	18	431.467	375.47	\$22.36	\$8,396							8	\$	8,396	\$	2,102	\$	6,294
11/13/2020	19	427.489	400.49	\$24.66	\$9,876		4	4	5	4		5	\$	9,876	\$	2,318	\$	7,558
11/13/2020	20	418.502	418.5	\$24.08	\$10,077								\$	10,077	\$	2,264	\$	7,814
11/13/2020	21	410.608	410.61	\$22.27	\$9,144								\$	9,144	\$	2,093	\$	7,051
11/13/2020	22	396.775	396.78	\$20.61	\$8,178								\$	8,178	\$	1,937	\$	6,240
11/13/2020	23	382.969	382.97	\$19.64	\$7,522								\$	7,522	\$	1,846	\$	5,675
11/14/2020	0	372.084	372.08	\$20.44	\$7,605								\$	7,605	\$	1,921	\$	5,684
11/14/2020	1	370.099	370.1	\$19.67	\$7,280								\$	7,280	\$	1,849	\$	5,431
11/14/2020	2	366.131	366.13	\$19.04	\$6,971								\$	6,971	\$	1,790	\$	5,181
11/14/2020	3	367.085	367.09	\$19.08	\$7,004								\$	7,004	\$	1,794	\$	5,211
11/14/2020	4	373.033	373.03	\$19.08	\$7,117								\$	7,117	\$	1,794	\$	5,324
11/14/2020	5	380.871	380.87	\$20.52	\$7,815								\$	7,815	\$	1,929	\$	5,887
11/14/2020	6	394.614	394.61	\$21.91	\$8,646								\$	8,646	\$	2,060	\$	6,586
11/14/2020	7	412.388	412.39	\$23.82	\$9,823								\$	9,823	\$	2,239	\$	7,584
11/14/2020	8	422.282	422.28	\$23.95	\$10,114								\$	10,114	\$	2,251	\$	7,862
11/14/2020	9	426.318	426.32	\$23.57	\$10,048								\$	10,048	\$	2,216	\$	7,833
11/14/2020	10	425.376	425.38	\$21.96	\$9,341								\$	9,341	\$	2,064	\$	7,277
11/14/2020	11	417.545	417.55	\$20.87	\$8,714								\$	8,714	\$	1,962	\$	6,752
11/14/2020	12	414.576	414.58	\$18.43	\$7,641								\$	7,641	\$	1,732	\$	5,908
11/14/2020	13	402.718	402.72	\$18.95	\$7,632								\$	7,632	\$	1,781	\$	5,850
11/14/2020	14	394.753	394.75	\$18.80	\$7,421								\$	7,421	\$	1,767	\$	5,654
11/14/2020	15	388.832	388.83	\$18.92	\$7,357								\$	7,357	\$	1,778	\$	5,578

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)			
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6		
11/14/2020	16	393.642	393.64	\$20.80	\$8,188							\$	8,188	\$	1,955	\$	6,233
11/14/2020	17	413.198	413.2	\$29.89	\$12,351							\$	12,351	\$	2,810	\$	9,541
11/14/2020	18	420.077	420.08	\$25.43	\$10,683							\$	10,683	\$	2,390	\$	8,292
11/14/2020	19	410.195	410.2	\$23.90	\$9,804							\$	9,804	\$	2,247	\$	7,557
11/14/2020	20	400.332	400.33	\$22.55	\$9,027							\$	9,027	\$	2,120	\$	6,908
11/14/2020	21	385.588	385.59	\$20.88	\$8,051							\$	8,051	\$	1,963	\$	6,088
11/14/2020	22	368.879	368.88	\$19.08	\$7,038							\$	7,038	\$	1,794	\$	5,245
11/14/2020	23	348.304	348.3	\$18.20	\$6,339							\$	6,339	\$	1,711	\$	4,628
11/15/2020	0	332.54	332.54	\$17.06	\$5,673							\$	5,673	\$	1,604	\$	4,069
11/15/2020	1	322.715	322.72	\$17.00	\$5,486							\$	5,486	\$	1,598	\$	3,888
11/15/2020	2	316.167	316.17	\$16.37	\$5,176							\$	5,176	\$	1,539	\$	3,637
11/15/2020	3	310.287	310.29	\$15.85	\$4,918							\$	4,918	\$	1,490	\$	3,428
11/15/2020	4	307.363	307.36	\$15.74	\$4,838							\$	4,838	\$	1,480	\$	3,358
11/15/2020	5	313.247	313.25	\$16.05	\$5,028							\$	5,028	\$	1,509	\$	3,519
11/15/2020	6	322.157	322.16	\$16.43	\$5,293							\$	5,293	\$	1,544	\$	3,749
11/15/2020	7	335.026	335.03	\$16.99	\$5,692							\$	5,692	\$	1,597	\$	4,095
11/15/2020	8	346.739	346.74	\$17.29	\$5,995							\$	5,995	\$	1,625	\$	4,370
11/15/2020	9	363.539	363.54	\$17.38	\$6,318							\$	6,318	\$	1,634	\$	4,685
11/15/2020	10	376.304	376.3	\$17.69	\$6,657							\$	6,657	\$	1,663	\$	4,994
11/15/2020	11	371.059	371.06	\$17.15	\$6,364							\$	6,364	\$	1,612	\$	4,752
11/15/2020	12	370	370	\$16.70	\$6,179							\$	6,179	\$	1,570	\$	4,609
11/15/2020	13	372.026	372.03	\$16.95	\$6,306							\$	6,306	\$	1,593	\$	4,713
11/15/2020	14	373.957	373.96	\$16.85	\$6,301							\$	6,301	\$	1,584	\$	4,717
11/15/2020	15	378.883	378.88	\$17.00	\$6,441							\$	6,441	\$	1,598	\$	4,843
11/15/2020	16	384.713	384.71	\$19.38	\$7,456							\$	7,456	\$	1,822	\$	5,634
11/15/2020	17	410.329	410.33	\$25.94	\$10,644							\$	10,644	\$	2,438	\$	8,206
11/15/2020	18	424.298	424.3	\$24.53	\$10,408							\$	10,408	\$	2,306	\$	8,102
11/15/2020	19	420.363	420.36	\$20.51	\$8,622							\$	8,622	\$	1,928	\$	6,694
11/15/2020	20	415.511	415.51	\$19.68	\$8,177							\$	8,177	\$	1,850	\$	6,327
11/15/2020	21	399.715	399.72	\$17.69	\$7,071							\$	7,071	\$	1,663	\$	5,408
11/15/2020	22	381.174	381.17	\$16.07	\$6,125							\$	6,125	\$	1,511	\$	4,615
11/15/2020	23	366.585	366.59	\$15.73	\$5,766							\$	5,766	\$	1,479	\$	4,288
11/16/2020	0	352.969	352.97	\$16.06	\$5,669							\$	5,669	\$	1,510	\$	4,159
11/16/2020	1	348.168	348.17	\$15.92	\$5,543							\$	5,543	\$	1,496	\$	4,046
11/16/2020	2	347.22	347.22	\$15.82	\$5,493							\$	5,493	\$	1,487	\$	4,006
11/16/2020	3	350.103	350.1	\$16.02	\$5,609							\$	5,609	\$	1,506	\$	4,103
11/16/2020	4	363.864	363.86	\$17.38	\$6,324							\$	6,324	\$	1,634	\$	4,690
11/16/2020	5	388.402	388.4	\$20.68	\$8,032							\$	8,032	\$	1,944	\$	6,088
11/16/2020	6	427.567	427.57	\$27.16	\$11,613							\$	11,613	\$	2,553	\$	9,060
11/16/2020	7	456.97	456.97	\$36.95	\$16,885							\$	16,885	\$	3,473	\$	13,412
11/16/2020	8	457.323	457.32	\$27.16	\$12,421							\$	12,421	\$	2,553	\$	9,868
11/16/2020	9	453.967	453.97	\$25.97	\$11,790							\$	11,790	\$	2,441	\$	9,348
11/16/2020	10	448.967	448.97	\$25.41	\$11,408							\$	11,408	\$	2,389	\$	9,020
11/16/2020	11	440.16	440.16	\$23.54	\$10,361							\$	10,361	\$	2,213	\$	8,149
11/16/2020	12	438.198	438.2	\$21.31	\$9,338							\$	9,338	\$	2,003	\$	7,335
11/16/2020	13	434.237	434.24	\$20.67	\$8,976							\$	8,976	\$	1,943	\$	7,033
11/16/2020	14	431.337	431.34	\$20.43	\$8,812							\$	8,812	\$	1,920	\$	6,892
11/16/2020	15	428.525	428.53	\$20.82	\$8,922							\$	8,922	\$	1,957	\$	6,965
11/16/2020	16	426.278	426.28	\$25.12	\$10,708							\$	10,708	\$	2,361	\$	8,347
11/16/2020	17	449.77	449.77	\$42.78	\$19,241							\$	19,241	\$	4,021	\$	15,220
11/16/2020	18	464.54	464.54	\$39.41	\$18,308							\$	18,308	\$	3,705	\$	14,603
11/16/2020	19	457.583	457.58	\$27.75	\$12,698							\$	12,698	\$	2,609	\$	10,089
11/16/2020	20	446.753	446.75	\$27.01	\$12,067							\$	12,067	\$	2,539	\$	9,528
11/16/2020	21	434.143	434.14	\$22.40	\$9,725							\$	9,725	\$	2,106	\$	7,619
11/16/2020	22	411.472	411.47	\$20.00	\$8,229							\$	8,229	\$	1,880	\$	6,349
11/16/2020	23	391.844	391.84	\$18.16	\$7,116							\$	7,116	\$	1,707	\$	5,409



Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5			
11/19/2020	8	471.773	449.77	\$30.74	\$13,826		6	6	5	5		\$ 13,826	\$ 2,890	\$ 10,936
11/19/2020	9	458.017	451.02	\$26.02	\$11,736		2	1	3	1		\$ 11,736	\$ 2,446	\$ 9,290
11/19/2020	10	449.386	449.39	\$23.63	\$10,619							\$ 10,619	\$ 2,221	\$ 8,398
11/19/2020	11	443.803	443.8	\$21.46	\$9,524							\$ 9,524	\$ 2,017	\$ 7,507
11/19/2020	12	438.305	438.31	\$19.01	\$8,332							\$ 8,332	\$ 1,787	\$ 6,545
11/19/2020	13	432.42	432.42	\$18.36	\$7,939							\$ 7,939	\$ 1,726	\$ 6,213
11/19/2020	14	429.277	429.28	\$17.92	\$7,693							\$ 7,693	\$ 1,684	\$ 6,008
11/19/2020	15	427.353	427.35	\$17.95	\$7,671							\$ 7,671	\$ 1,687	\$ 5,984
11/19/2020	16	422.49	422.49	\$19.77	\$8,353							\$ 8,353	\$ 1,858	\$ 6,494
11/19/2020	17	440.018	440.02	\$25.11	\$11,049							\$ 11,049	\$ 2,360	\$ 8,689
11/19/2020	18	451.886	451.89	\$23.59	\$10,660							\$ 10,660	\$ 2,217	\$ 8,443
11/19/2020	19	444.02	444.02	\$21.49	\$9,542							\$ 9,542	\$ 2,020	\$ 7,522
11/19/2020	20	433.199	433.2	\$20.32	\$8,803							\$ 8,803	\$ 1,910	\$ 6,893
11/19/2020	21	417.366	417.37	\$17.74	\$7,404							\$ 7,404	\$ 1,668	\$ 5,737
11/19/2020	22	400.543	400.54	\$17.36	\$6,953							\$ 6,953	\$ 1,632	\$ 5,322
11/19/2020	23	379.883	379.88	\$16.37	\$6,219							\$ 6,219	\$ 1,539	\$ 4,680
11/20/2020	0	364.208	364.21	\$16.82	\$6,126							\$ 6,126	\$ 1,581	\$ 4,545
11/20/2020	1	353.26	353.26	\$16.82	\$5,942							\$ 5,942	\$ 1,581	\$ 4,361
11/20/2020	2	346.423	346.42	\$16.52	\$5,723							\$ 5,723	\$ 1,553	\$ 4,170
11/20/2020	3	346.586	346.59	\$16.75	\$5,805							\$ 5,805	\$ 1,575	\$ 4,231
11/20/2020	4	353.523	353.52	\$17.23	\$6,091							\$ 6,091	\$ 1,620	\$ 4,472
11/20/2020	5	377.148	377.15	\$19.60	\$7,392							\$ 7,392	\$ 1,842	\$ 5,550
11/20/2020	6	411.683	411.68	\$24.46	\$10,070							\$ 10,070	\$ 2,299	\$ 7,770
11/20/2020	7	431.403	431.4	\$27.04	\$11,665							\$ 11,665	\$ 2,542	\$ 9,123
11/20/2020	8	432.369	432.37	\$21.96	\$9,495							\$ 9,495	\$ 2,064	\$ 7,431
11/20/2020	9	427.461	427.46	\$20.56	\$8,789							\$ 8,789	\$ 1,933	\$ 6,856
11/20/2020	10	429.467	429.47	\$19.07	\$8,190							\$ 8,190	\$ 1,793	\$ 6,397
11/20/2020	11	429.498	429.5	\$18.41	\$7,907							\$ 7,907	\$ 1,731	\$ 6,177
11/20/2020	12	429.531	429.53	\$17.84	\$7,663							\$ 7,663	\$ 1,677	\$ 5,986
11/20/2020	13	426.526	426.53	\$17.83	\$7,605							\$ 7,605	\$ 1,676	\$ 5,929
11/20/2020	14	424.673	424.67	\$17.78	\$7,551							\$ 7,551	\$ 1,671	\$ 5,879
11/20/2020	15	422.697	422.7	\$17.71	\$7,486							\$ 7,486	\$ 1,665	\$ 5,821
11/20/2020	16	415.721	415.72	\$20.02	\$8,323							\$ 8,323	\$ 1,882	\$ 6,441
11/20/2020	17	434.591	434.59	\$26.06	\$11,325							\$ 11,325	\$ 2,450	\$ 8,876
11/20/2020	18	438.734	438.73	\$23.69	\$10,394							\$ 10,394	\$ 2,227	\$ 8,167
11/20/2020	19	426.839	426.84	\$20.32	\$8,673							\$ 8,673	\$ 1,910	\$ 6,763
11/20/2020	20	412.923	317.92	\$19.35	\$6,152	95						\$ 6,152	\$ 1,819	\$ 4,333
11/20/2020	21	397.169	246.17	\$18.15	\$4,468	151						\$ 4,468	\$ 1,706	\$ 2,762
11/20/2020	22	380.229	200.23	\$17.28	\$3,460	180						\$ 3,460	\$ 1,624	\$ 1,836
11/20/2020	23	362.667	163.67	\$16.35	\$2,676	199						\$ 2,676	\$ 1,537	\$ 1,139
11/21/2020	0	344.028	146.03	\$17.38	\$2,538	198						\$ 2,538	\$ 1,634	\$ 904
11/21/2020	1	332.059	134.06	\$17.39	\$2,331	198						\$ 2,331	\$ 1,635	\$ 697
11/21/2020	2	323.216	115.22	\$17.10	\$1,970	208						\$ 1,970	\$ 1,607	\$ 363
11/21/2020	3	318.383	108.38	\$17.03	\$1,846	210						\$ 1,846	\$ 1,601	\$ 245
11/21/2020	4	320.347	110.35	\$17.37	\$1,917	210						\$ 1,917	\$ 1,633	\$ 284
11/21/2020	5	328.074	124.07	\$17.40	\$2,159	204						\$ 2,159	\$ 1,636	\$ 523
11/21/2020	6	337.746	127.75	\$17.78	\$2,271	210						\$ 2,271	\$ 1,671	\$ 600
11/21/2020	7	355.392	144.39	\$19.12	\$2,761	211						\$ 2,761	\$ 1,797	\$ 963
11/21/2020	8	370.107	160.11	\$19.77	\$3,165	210						\$ 3,165	\$ 1,858	\$ 1,307
11/21/2020	9	387.982	178.98	\$20.38	\$3,648	209						\$ 3,648	\$ 1,916	\$ 1,732
11/21/2020	10	401.868	191.87	\$22.14	\$4,248	210						\$ 4,248	\$ 2,081	\$ 2,167
11/21/2020	11	410.773	200.77	\$21.02	\$4,220	210						\$ 4,220	\$ 1,976	\$ 2,244
11/21/2020	12	413.731	203.73	\$20.42	\$4,160	210						\$ 4,160	\$ 1,919	\$ 2,241
11/21/2020	13	412.82	203.82	\$19.14	\$3,901	209						\$ 3,901	\$ 1,799	\$ 2,102
11/21/2020	14	408.867	205.87	\$18.46	\$3,800	203						\$ 3,800	\$ 1,735	\$ 2,065
11/21/2020	15	407.992	199.99	\$18.57	\$3,714	208						\$ 3,714	\$ 1,746	\$ 1,968



Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
11/21/2020	16	412.752	203.75	\$23.37	\$4,762	209							\$ 4,762	\$ 2,197	\$ 2,565
11/21/2020	17	431.644	223.64	\$26.36	\$5,895	208							\$ 5,895	\$ 2,478	\$ 3,417
11/21/2020	18	431.547	222.55	\$23.61	\$5,254	209							\$ 5,254	\$ 2,219	\$ 3,035
11/21/2020	19	422.634	214.63	\$22.24	\$4,773	208							\$ 4,773	\$ 2,091	\$ 2,683
11/21/2020	20	411.751	203.75	\$22.43	\$4,570	208							\$ 4,570	\$ 2,108	\$ 2,462
11/21/2020	21	395.978	188.98	\$19.51	\$3,687	207							\$ 3,687	\$ 1,834	\$ 1,853
11/21/2020	22	377.244	168.24	\$18.13	\$3,050	209							\$ 3,050	\$ 1,704	\$ 1,346
11/21/2020	23	360.631	152.63	\$17.44	\$2,662	208							\$ 2,662	\$ 1,639	\$ 1,023
11/22/2020	0	345.149	138.15	\$16.85	\$2,328	207							\$ 2,328	\$ 1,584	\$ 744
11/22/2020	1	333.613	98.61	\$16.63	\$1,640	235							\$ 1,640	\$ 1,563	\$ 77
11/22/2020	2	327.678	72.68	\$16.32	\$1,186	255							\$ 1,186	\$ 1,186	\$ -
11/22/2020	3	324.653	70.65	\$15.85	\$1,120	254							\$ 1,120	\$ 1,120	\$ -
11/22/2020	4	325.631	72.63	\$15.91	\$1,156	253							\$ 1,156	\$ 1,156	\$ -
11/22/2020	5	331.569	77.57	\$15.59	\$1,209	254							\$ 1,209	\$ 1,209	\$ -
11/22/2020	6	341.409	88.41	\$16.11	\$1,424	253							\$ 1,424	\$ 1,424	\$ -
11/22/2020	7	355.254	101.25	\$17.09	\$1,730	254							\$ 1,730	\$ 1,606	\$ 124
11/22/2020	8	368.076	114.08	\$17.25	\$1,968	254							\$ 1,968	\$ 1,622	\$ 346
11/22/2020	9	386.745	133.75	\$17.85	\$2,387	253							\$ 2,387	\$ 1,678	\$ 710
11/22/2020	10	400.462	147.46	\$18.55	\$2,735	253							\$ 2,735	\$ 1,744	\$ 992
11/22/2020	11	408.187	162.19	\$18.26	\$2,962	246							\$ 2,962	\$ 1,716	\$ 1,245
11/22/2020	12	413.064	159.06	\$17.81	\$2,833	254							\$ 2,833	\$ 1,674	\$ 1,159
11/22/2020	13	411.096	159.1	\$18.69	\$2,974	252							\$ 2,974	\$ 1,757	\$ 1,217
11/22/2020	14	408.326	155.33	\$18.63	\$2,894	253							\$ 2,894	\$ 1,751	\$ 1,143
11/22/2020	15	408.298	158.3	\$18.90	\$2,992	250							\$ 2,992	\$ 1,777	\$ 1,215
11/22/2020	16	421.077	169.08	\$20.94	\$3,541	252							\$ 3,541	\$ 1,968	\$ 1,572
11/22/2020	17	444.531	194.53	\$26.72	\$5,198	250							\$ 5,198	\$ 2,512	\$ 2,686
11/22/2020	18	447.335	198.34	\$22.81	\$4,524	249							\$ 4,524	\$ 2,144	\$ 2,380
11/22/2020	19	440.396	200.4	\$21.21	\$4,250	240							\$ 4,250	\$ 1,994	\$ 2,257
11/22/2020	20	434.54	193.54	\$20.12	\$3,894	241							\$ 3,894	\$ 1,891	\$ 2,003
11/22/2020	21	419.939	178.94	\$18.69	\$3,344	241							\$ 3,344	\$ 1,757	\$ 1,588
11/22/2020	22	404.257	170.26	\$17.02	\$2,898	234							\$ 2,898	\$ 1,600	\$ 1,298
11/22/2020	23	386.714	144.71	\$16.76	\$2,425	242							\$ 2,425	\$ 1,575	\$ 850
11/23/2020	0	370.088	129.09	\$16.65	\$2,149	241							\$ 2,149	\$ 1,565	\$ 584
11/23/2020	1	364.346	122.35	\$16.27	\$1,991	242							\$ 1,991	\$ 1,529	\$ 461
11/23/2020	2	364.478	122.48	\$16.04	\$1,965	242							\$ 1,965	\$ 1,508	\$ 457
11/23/2020	3	366.505	123.51	\$16.04	\$1,981	243							\$ 1,981	\$ 1,508	\$ 473
11/23/2020	4	377.39	134.39	\$16.62	\$2,234	243							\$ 2,234	\$ 1,562	\$ 671
11/23/2020	5	399.029	157.03	\$17.88	\$2,808	242							\$ 2,808	\$ 1,681	\$ 1,127
11/23/2020	6	429.512	182.51	\$24.50	\$4,471	247							\$ 4,471	\$ 2,303	\$ 2,168
11/23/2020	7	459.997	210	\$27.53	\$5,781	250							\$ 5,781	\$ 2,588	\$ 3,193
11/23/2020	8	470.766	234.77	\$26.35	\$6,186	236							\$ 6,186	\$ 2,477	\$ 3,709
11/23/2020	9	469.587	207.59	\$26.38	\$5,476	262							\$ 5,476	\$ 2,480	\$ 2,997
11/23/2020	10	468.299	175.3	\$25.33	\$4,440	293							\$ 4,440	\$ 2,381	\$ 2,059
11/23/2020	11	460.102	108.1	\$24.46	\$2,644	352							\$ 2,644	\$ 2,299	\$ 345
11/23/2020	12	450.071	81.07	\$23.61	\$1,914	369							\$ 1,914	\$ 1,914	\$ -
11/23/2020	13	442.126	73.13	\$22.76	\$1,664	369							\$ 1,664	\$ 1,664	\$ -
11/23/2020	14	436.163	67.16	\$22.03	\$1,480	369							\$ 1,480	\$ 1,480	\$ -
11/23/2020	15	435.187	67.19	\$22.04	\$1,481	368							\$ 1,481	\$ 1,481	\$ -
11/23/2020	16	441.135	71.14	\$25.78	\$1,834	370							\$ 1,834	\$ 1,834	\$ -
11/23/2020	17	472.831	105.83	\$38.05	\$4,027	367							\$ 4,027	\$ 3,577	\$ 450
11/23/2020	18	481.783	113.78	\$35.88	\$4,082	368							\$ 4,082	\$ 3,373	\$ 710
11/23/2020	19	475.857	108.86	\$28.43	\$3,095	367							\$ 3,095	\$ 2,672	\$ 422
11/23/2020	20	463.034	97.03	\$27.10	\$2,630	366							\$ 2,630	\$ 2,547	\$ 82
11/23/2020	21	448.186	80.19	\$25.21	\$2,022	368							\$ 2,022	\$ 2,022	\$ -
11/23/2020	22	428.396	62.4	\$21.07	\$1,315	366							\$ 1,315	\$ 1,315	\$ -
11/23/2020	23	409.597	41.6	\$18.82	\$783	368							\$ 783	\$ 783	\$ -

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)	
11/24/2020	0	395.723	28.72	\$18.70	\$537	367							\$	537	\$ 537	\$ -
11/24/2020	1	384.829	16.83	\$18.70	\$315	368							\$	315	\$ 315	\$ -
11/24/2020	2	381.867	15.87	\$18.57	\$295	366							\$	295	\$ 295	\$ -
11/24/2020	3	379.842	12.84	\$18.76	\$241	367							\$	241	\$ 241	\$ -
11/24/2020	4	385.755	19.76	\$19.86	\$392	366							\$	392	\$ 392	\$ -
11/24/2020	5	405.554	41.55	\$23.74	\$986	364							\$	986	\$ 986	\$ -
11/24/2020	6	435.168	79.17	\$38.85	\$3,076	356							\$	3,076	\$ 3,076	\$ -
11/24/2020	7	463.804	97.8	\$37.58	\$3,675	366							\$	3,675	\$ 3,533	\$ 143
11/24/2020	8	468.793	101.79	\$27.88	\$2,838	367							\$	2,838	\$ 2,621	\$ 217
11/24/2020	9	471.77	104.77	\$26.76	\$2,804	367							\$	2,804	\$ 2,515	\$ 288
11/24/2020	10	476.755	109.76	\$26.06	\$2,860	367							\$	2,860	\$ 2,450	\$ 411
11/24/2020	11	473.773	102.77	\$23.88	\$2,454	371							\$	2,454	\$ 2,245	\$ 209
11/24/2020	12	465.779	84.78	\$22.87	\$1,939	381							\$	1,939	\$ 1,939	\$ -
11/24/2020	13	457.879	48.88	\$21.62	\$1,057	409							\$	1,057	\$ 1,057	\$ -
11/24/2020	14	456.886	39.89	\$21.50	\$858	417							\$	858	\$ 858	\$ -
11/24/2020	15	455.767	0	\$0.00	\$0	472							\$	-	\$ -	\$ -
11/24/2020	16	454.614	0	\$0.00	\$0	530							\$	-	\$ -	\$ -
11/24/2020	17	478.23	0	\$0.00	\$0	559							\$	-	\$ -	\$ -
11/24/2020	18	484.195	0	\$0.00	\$0	564							\$	-	\$ -	\$ -
11/24/2020	19	475.31	0	\$0.00	\$0	544							\$	-	\$ -	\$ -
11/24/2020	20	462.393	0	\$0.00	\$0	560							\$	-	\$ -	\$ -
11/24/2020	21	448.625	0	\$0.00	\$0	558							\$	-	\$ -	\$ -
11/24/2020	22	431.006	0	\$0.00	\$0	559							\$	-	\$ -	\$ -
11/24/2020	23	411.294	0	\$0.00	\$0	543							\$	-	\$ -	\$ -
11/25/2020	0	391.712	0	\$0.00	\$0	495							\$	-	\$ -	\$ -
11/25/2020	1	380.096	0	\$0.00	\$0	398							\$	-	\$ -	\$ -
11/25/2020	2	368.423	0	\$0.00	\$0	371							\$	-	\$ -	\$ -
11/25/2020	3	364.484	0	\$0.00	\$0	367							\$	-	\$ -	\$ -
11/25/2020	4	372.243	2.24	\$17.00	\$38	370							\$	38	\$ 38	\$ -
11/25/2020	5	389.885	19.89	\$17.92	\$356	370							\$	356	\$ 356	\$ -
11/25/2020	6	419.449	47.45	\$20.80	\$987	372							\$	987	\$ 987	\$ -
11/25/2020	7	446.063	30.06	\$22.08	\$664	416							\$	664	\$ 664	\$ -
11/25/2020	8	458.62			\$0	518							\$	-	\$ -	\$ -
11/25/2020	9	465.462			\$0	540							\$	-	\$ -	\$ -
11/25/2020	10	475.465			\$0	558							\$	-	\$ -	\$ -
11/25/2020	11	476.422			\$0	557							\$	-	\$ -	\$ -
11/25/2020	12	474.426			\$0	559							\$	-	\$ -	\$ -
11/25/2020	13	470.513			\$0	555							\$	-	\$ -	\$ -
11/25/2020	14	464.696	0	\$0.00	\$0	516							\$	-	\$ -	\$ -
11/25/2020	15	454.927	0	\$0.00	\$0	467							\$	-	\$ -	\$ -
11/25/2020	16	444.31	61.31	\$21.08	\$1,292	383							\$	1,292	\$ 1,292	\$ -
11/25/2020	17	458.103	66.1	\$23.49	\$1,553	392							\$	1,553	\$ 1,553	\$ -
11/25/2020	18	460.124	53.12	\$22.55	\$1,198	407							\$	1,198	\$ 1,198	\$ -
11/25/2020	19	449.178	25.18	\$20.57	\$518	424							\$	518	\$ 518	\$ -
11/25/2020	20	435.323	5.32	\$18.97	\$101	430							\$	101	\$ 101	\$ -
11/25/2020	21	418.702	42.7	\$17.34	\$740	376							\$	740	\$ 740	\$ -
11/25/2020	22	396.171	27.17	\$16.59	\$451	369							\$	451	\$ 451	\$ -
11/25/2020	23	373.669	5.67	\$15.23	\$86	368							\$	86	\$ 86	\$ -
11/26/2020	0	351.115	25.12	\$15.56	\$391	326							\$	391	\$ 391	\$ -
11/26/2020	1	335.48	34.48	\$14.52	\$501	301							\$	501	\$ 501	\$ -
11/26/2020	2	322.729	30.73	\$14.01	\$431	292							\$	431	\$ 431	\$ -
11/26/2020	3	314.841	13.84	\$13.92	\$193	301							\$	193	\$ 193	\$ -
11/26/2020	4	313.857	12.86	\$13.95	\$179	301							\$	179	\$ 179	\$ -
11/26/2020	5	317.858	15.86	\$14.43	\$229	302							\$	229	\$ 229	\$ -
11/26/2020	6	319.769	0	\$0.00	\$0	353							\$	-	\$ -	\$ -
11/26/2020	7	331.621	0	\$0.00	\$0	369							\$	-	\$ -	\$ -

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
11/26/2020	8	343.43	0	\$0.00	\$0	368							\$ -	\$ -	\$ -
11/26/2020	9	364.108	0	\$0.00	\$0	365							\$ -	\$ -	\$ -
11/26/2020	10	382.818	16.82	\$17.87	\$301	366							\$ 301	\$ 301	\$ -
11/26/2020	11	391.521	24.52	\$17.78	\$436	367							\$ 436	\$ 436	\$ -
11/26/2020	12	393.255	24.26	\$17.50	\$425	369							\$ 425	\$ 425	\$ -
11/26/2020	13	386.183	17.18	\$16.84	\$289	369							\$ 289	\$ 289	\$ -
11/26/2020	14	378.058	11.06	\$16.05	\$178	367							\$ 178	\$ 178	\$ -
11/26/2020	15	372.121	3.12	\$15.93	\$50	369							\$ 50	\$ 50	\$ -
11/26/2020	16	362.189	0	\$0.00	\$0	367							\$ -	\$ -	\$ -
11/26/2020	17	365.223	0	\$0.00	\$0	368							\$ -	\$ -	\$ -
11/26/2020	18	361.345	0	\$0.00	\$0	368							\$ -	\$ -	\$ -
11/26/2020	19	356.622	0	\$0.00	\$0	357							\$ -	\$ -	\$ -
11/26/2020	20	353.896	0	\$0.00	\$0	368							\$ -	\$ -	\$ -
11/26/2020	21	347.13	0	\$0.00	\$0	368							\$ -	\$ -	\$ -
11/26/2020	22	337.541	0	\$0.00	\$0	368							\$ -	\$ -	\$ -
11/26/2020	23	323.77	0	\$0.00	\$0	366							\$ -	\$ -	\$ -
11/27/2020	0	311.88			\$0	366							\$ -	\$ -	\$ -
11/27/2020	1	301.944			\$0	366							\$ -	\$ -	\$ -
11/27/2020	2	298.97			\$0	367							\$ -	\$ -	\$ -
11/27/2020	3	299.984			\$0	365							\$ -	\$ -	\$ -
11/27/2020	4	303.878			\$0	366							\$ -	\$ -	\$ -
11/27/2020	5	317.761			\$0	365							\$ -	\$ -	\$ -
11/27/2020	6	333.619			\$0	365							\$ -	\$ -	\$ -
11/27/2020	7	351.387			\$0	366							\$ -	\$ -	\$ -
11/27/2020	8	360.27	43.27	\$18.58	\$804	317							\$ 804	\$ 804	\$ -
11/27/2020	9	369.026	99.03	\$18.48	\$1,830	270							\$ 1,830	\$ 1,737	\$ 93
11/27/2020	10	371.75	110.75	\$20.91	\$2,316	261							\$ 2,316	\$ 1,966	\$ 350
11/27/2020	11	368.665	96.67	\$18.40	\$1,779	272							\$ 1,779	\$ 1,730	\$ 49
11/27/2020	12	362.576	91.58	\$17.53	\$1,605	271							\$ 1,605	\$ 1,605	\$ -
11/27/2020	13	357.697	86.7	\$17.14	\$1,486	271							\$ 1,486	\$ 1,486	\$ -
11/27/2020	14	357.845	86.85	\$16.79	\$1,458	271							\$ 1,458	\$ 1,458	\$ -
11/27/2020	15	359.852	87.85	\$16.82	\$1,478	272							\$ 1,478	\$ 1,478	\$ -
11/27/2020	16	365.77	93.77	\$19.01	\$1,783	272							\$ 1,783	\$ 1,783	\$ -
11/27/2020	17	390.415	119.42	\$22.51	\$2,688	271							\$ 2,688	\$ 2,116	\$ 572
11/27/2020	18	396.071	125.07	\$21.00	\$2,626	271							\$ 2,626	\$ 1,974	\$ 652
11/27/2020	19	391.193	120.19	\$19.30	\$2,320	271							\$ 2,320	\$ 1,814	\$ 505
11/27/2020	20	382.402	110.4	\$19.03	\$2,101	272							\$ 2,101	\$ 1,789	\$ 312
11/27/2020	21	375.698	104.7	\$18.01	\$1,886	271							\$ 1,886	\$ 1,693	\$ 193
11/27/2020	22	363.098	90.1	\$16.37	\$1,475	273							\$ 1,475	\$ 1,475	\$ -
11/27/2020	23	352.501	137.5	\$15.17	\$2,086	215							\$ 2,086	\$ 1,426	\$ 660
11/28/2020	0	337.793	277.79	\$15.44	\$4,289	60							\$ 4,289	\$ 1,451	\$ 2,838
11/28/2020	1	331.835	331.84	\$15.62	\$5,183								\$ 5,183	\$ 1,468	\$ 3,715
11/28/2020	2	329.888	329.89	\$15.33	\$5,057								\$ 5,057	\$ 1,441	\$ 3,616
11/28/2020	3	329.863	329.86	\$15.43	\$5,090								\$ 5,090	\$ 1,450	\$ 3,639
11/28/2020	4	333.78	333.78	\$15.58	\$5,200								\$ 5,200	\$ 1,465	\$ 3,736
11/28/2020	5	346.615	346.62	\$16.07	\$5,570								\$ 5,570	\$ 1,511	\$ 4,060
11/28/2020	6	364.34	364.34	\$17.11	\$6,234								\$ 6,234	\$ 1,608	\$ 4,626
11/28/2020	7	382.978	382.98	\$17.91	\$6,859								\$ 6,859	\$ 1,684	\$ 5,176
11/28/2020	8	392.723	392.72	\$18.92	\$7,430								\$ 7,430	\$ 1,778	\$ 5,652
11/28/2020	9	395.702	395.7	\$19.17	\$7,586								\$ 7,586	\$ 1,802	\$ 5,784
11/28/2020	10	394.651	394.65	\$18.58	\$7,333								\$ 7,333	\$ 1,747	\$ 5,586
11/28/2020	11	390.688	390.69	\$17.35	\$6,778								\$ 6,778	\$ 1,631	\$ 5,148
11/28/2020	12	386.879	386.88	\$16.66	\$6,445								\$ 6,445	\$ 1,566	\$ 4,879
11/28/2020	13	380.018	380.02	\$16.03	\$6,092								\$ 6,092	\$ 1,507	\$ 4,585
11/28/2020	14	371.099	371.1	\$15.89	\$5,897								\$ 5,897	\$ 1,494	\$ 4,403
11/28/2020	15	371.139	371.14	\$15.71	\$5,831								\$ 5,831	\$ 1,477	\$ 4,354

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Beginning (HB)	Customer Demand (MW)	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)			
							East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6		
11/28/2020	16		379.015	379.02	\$17.17	\$6,508							\$	6,508	\$	1,614	\$	4,894
11/28/2020	17		407.559	407.56	\$20.00	\$8,151							\$	8,151	\$	1,880	\$	6,271
11/28/2020	18		425.162	425.16	\$19.20	\$8,163							\$	8,163	\$	1,805	\$	6,358
11/28/2020	19		423.97	423.97	\$20.60	\$8,734							\$	8,734	\$	1,936	\$	6,797
11/28/2020	20		421.878	421.88	\$18.99	\$8,012							\$	8,012	\$	1,785	\$	6,226
11/28/2020	21		412.978	412.98	\$17.79	\$7,347							\$	7,347	\$	1,672	\$	5,675
11/28/2020	22		398.367	398.37	\$16.58	\$6,605							\$	6,605	\$	1,559	\$	5,046
11/28/2020	23		383.806	383.81	\$15.74	\$6,041							\$	6,041	\$	1,480	\$	4,562
11/29/2020	0		375.069	375.07	\$16.38	\$6,144							\$	6,144	\$	1,540	\$	4,604
11/29/2020	1		370.126	370.13	\$16.59	\$6,140							\$	6,140	\$	1,559	\$	4,581
11/29/2020	2		368.123	368.12	\$16.28	\$5,993							\$	5,993	\$	1,530	\$	4,463
11/29/2020	3		368.019	368.02	\$16.31	\$6,002							\$	6,002	\$	1,533	\$	4,469
11/29/2020	4		370.82	370.82	\$16.37	\$6,070							\$	6,070	\$	1,539	\$	4,532
11/29/2020	5		381.666	381.67	\$17.08	\$6,519							\$	6,519	\$	1,606	\$	4,913
11/29/2020	6		395.366	395.37	\$18.60	\$7,354							\$	7,354	\$	1,748	\$	5,605
11/29/2020	7		409.97	409.97	\$21.16	\$8,675							\$	8,675	\$	1,989	\$	6,686
11/29/2020	8		415.75	415.75	\$20.06	\$8,340							\$	8,340	\$	1,886	\$	6,454
11/29/2020	9		410.057	410.06	\$19.55	\$8,017							\$	8,017	\$	1,838	\$	6,179
11/29/2020	10		402.43	402.43	\$18.60	\$7,485							\$	7,485	\$	1,748	\$	5,737
11/29/2020	11		395.637	395.64	\$17.26	\$6,829							\$	6,829	\$	1,622	\$	5,206
11/29/2020	12		391.788	391.79	\$16.75	\$6,562							\$	6,562	\$	1,575	\$	4,988
11/29/2020	13		386.871	386.87	\$16.47	\$6,372							\$	6,372	\$	1,548	\$	4,824
11/29/2020	14		387.921	387.92	\$16.45	\$6,381							\$	6,381	\$	1,546	\$	4,835
11/29/2020	15		391.889	391.89	\$16.36	\$6,411							\$	6,411	\$	1,538	\$	4,873
11/29/2020	16		404.618	404.62	\$18.87	\$7,635							\$	7,635	\$	1,774	\$	5,861
11/29/2020	17		433.987	433.99	\$24.38	\$10,581							\$	10,581	\$	2,292	\$	8,289
11/29/2020	18		441.733	441.73	\$23.17	\$10,235							\$	10,235	\$	2,178	\$	8,057
11/29/2020	19		436.569	436.57	\$20.15	\$8,797							\$	8,797	\$	1,894	\$	6,903
11/29/2020	20		424.733	424.73	\$18.80	\$7,985							\$	7,985	\$	1,767	\$	6,218
11/29/2020	21		407.9	407.9	\$17.27	\$7,044							\$	7,044	\$	1,623	\$	5,421
11/29/2020	22		388.265	388.27	\$16.49	\$6,403							\$	6,403	\$	1,550	\$	4,853
11/29/2020	23		370.836	370.84	\$15.58	\$5,778							\$	5,778	\$	1,465	\$	4,313
11/30/2020	0		358.228	358.23	\$14.93	\$5,348							\$	5,348	\$	1,403	\$	3,945
11/30/2020	1		351.46	351.46	\$14.78	\$5,195							\$	5,195	\$	1,389	\$	3,805
11/30/2020	2		352.54	352.54	\$14.32	\$5,048							\$	5,048	\$	1,346	\$	3,702
11/30/2020	3		356.478	356.48	\$14.61	\$5,208							\$	5,208	\$	1,373	\$	3,835
11/30/2020	4		372.204	372.2	\$14.87	\$5,535							\$	5,535	\$	1,398	\$	4,137
11/30/2020	5		399.754	399.75	\$15.98	\$6,388							\$	6,388	\$	1,502	\$	4,886
11/30/2020	6		437.126	437.13	\$20.50	\$8,961							\$	8,961	\$	1,927	\$	7,034
11/30/2020	7		472.486	472.49	\$25.07	\$11,845							\$	11,845	\$	2,357	\$	9,489
11/30/2020	8		488.091	488.09	\$25.32	\$12,358							\$	12,358	\$	2,380	\$	9,978
11/30/2020	9		495.56	495.56	\$30.39	\$15,060							\$	15,060	\$	2,857	\$	12,203
11/30/2020	10		507.284	507.28	\$34.40	\$17,450							\$	17,450	\$	3,234	\$	14,217
11/30/2020	11		514.165	514.17	\$33.46	\$17,204							\$	17,204	\$	3,145	\$	14,059
11/30/2020	12		518.032	518.03	\$30.13	\$15,608							\$	15,608	\$	2,832	\$	12,776
11/30/2020	13		515.999	516	\$29.84	\$15,397							\$	15,397	\$	2,805	\$	12,592
11/30/2020	14		518.88	518.88	\$25.72	\$13,346							\$	13,346	\$	2,418	\$	10,928
11/30/2020	15		521.875	521.88	\$27.99	\$14,607							\$	14,607	\$	2,631	\$	11,976
11/30/2020	16		522.787	522.79	\$32.51	\$16,996							\$	16,996	\$	3,056	\$	13,940
11/30/2020	17		550.328	550.33	\$39.80	\$21,903							\$	21,903	\$	3,741	\$	18,162
11/30/2020	18		553.432	553.43	\$44.81	\$24,799							\$	24,799	\$	4,212	\$	20,587
11/30/2020	19		544.524	544.52	\$36.82	\$20,049							\$	20,049	\$	3,461	\$	16,588
11/30/2020	20		532.782	532.78	\$30.51	\$16,255							\$	16,255	\$	2,868	\$	13,387
11/30/2020	21		516.116	516.12	\$28.99	\$14,962							\$	14,962	\$	2,725	\$	12,237
11/30/2020	22		491.565	491.57	\$19.11	\$9,394							\$	9,394	\$	1,796	\$	7,598
11/30/2020	23		469.11	469.11	\$18.16	\$8,519							\$	8,519	\$	1,707	\$	6,812

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
							East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5			
12/1/2020	0	455.754	455.75	\$18.15	\$8,272								\$ 8,272	\$ 1,706	\$ 6,566
12/1/2020	1	449.017	449.02	\$18.02	\$8,091								\$ 8,091	\$ 1,694	\$ 6,397
12/1/2020	2	442.087	442.09	\$17.54	\$7,754								\$ 7,754	\$ 1,649	\$ 6,105
12/1/2020	3	443.034	443.03	\$17.49	\$7,749								\$ 7,749	\$ 1,644	\$ 6,105
12/1/2020	4	453.824	453.82	\$19.27	\$8,745								\$ 8,745	\$ 1,811	\$ 6,934
12/1/2020	5	476.46	348.46	\$21.67	\$7,551	128							\$ 7,551	\$ 2,037	\$ 5,514
12/1/2020	6	504.028	341.03	\$34.02	\$11,602	163							\$ 11,602	\$ 3,198	\$ 8,404
12/1/2020	7	531.455	358.46	\$37.09	\$13,295	173							\$ 13,295	\$ 3,486	\$ 9,809
12/1/2020	8	539.802	325.8	\$35.57	\$11,589	214							\$ 11,589	\$ 3,344	\$ 8,245
12/1/2020	9	539.764	329.76	\$33.48	\$11,040	210							\$ 11,040	\$ 3,147	\$ 7,893
12/1/2020	10	544.666	309.67	\$33.75	\$10,451	235							\$ 10,451	\$ 3,173	\$ 7,279
12/1/2020	11	548.391	297.39	\$29.73	\$8,841	251							\$ 8,841	\$ 2,795	\$ 6,047
12/1/2020	12	548.36	299.36	\$28.85	\$8,637	249							\$ 8,637	\$ 2,712	\$ 5,925
12/1/2020	13	547.351	298.35	\$26.91	\$8,029	249							\$ 8,029	\$ 2,530	\$ 5,499
12/1/2020	14	546.357	296.36	\$26.44	\$7,836	250							\$ 7,836	\$ 2,485	\$ 5,350
12/1/2020	15	547.741	300.74	\$27.55	\$8,285	247							\$ 8,285	\$ 2,590	\$ 5,696
12/1/2020	16	544.861	253.86	\$33.90	\$8,606	291							\$ 8,606	\$ 3,187	\$ 5,419
12/1/2020	17	568.397	255.4	\$39.32	\$10,042	313							\$ 10,042	\$ 3,696	\$ 6,346
12/1/2020	18	569.53	235.53	\$39.11	\$9,212	334							\$ 9,212	\$ 3,676	\$ 5,535
12/1/2020	19	560.695	198.7	\$35.18	\$6,990	362							\$ 6,990	\$ 3,307	\$ 3,683
12/1/2020	20	547.998	182	\$33.87	\$6,164	366							\$ 6,164	\$ 3,184	\$ 2,981
12/1/2020	21	529.266	161.27	\$31.23	\$5,036	368							\$ 5,036	\$ 2,936	\$ 2,101
12/1/2020	22	507.605	139.61	\$26.61	\$3,715	368							\$ 3,715	\$ 2,501	\$ 1,214
12/1/2020	23	484.779	113.78	\$23.58	\$2,683	371							\$ 2,683	\$ 2,217	\$ 466
12/2/2020	0	468.674	72.67	\$23.21	\$1,687	396							\$ 1,687	\$ 1,687	\$ -
12/2/2020	1	460.624	35.62	\$22.67	\$808	425							\$ 808	\$ 808	\$ -
12/2/2020	2	456.642	3.64	\$22.41	\$82	453							\$ 82	\$ 82	\$ -
12/2/2020	3	460.524			\$0	470							\$ -	\$ -	\$ -
12/2/2020	4	470.24			\$0	500							\$ -	\$ -	\$ -
12/2/2020	5	495.735			\$0	519							\$ -	\$ -	\$ -
12/2/2020	6	532.082			\$0	540							\$ -	\$ -	\$ -
12/2/2020	7	560.593	6.59	\$48.35	\$319	554							\$ 319	\$ 319	\$ -
12/2/2020	8	556.601	0.6	\$34.11	\$20	556							\$ 20	\$ 20	\$ -
12/2/2020	9	538.007			\$0	558							\$ -	\$ -	\$ -
12/2/2020	10	525.284			\$0	559							\$ -	\$ -	\$ -
12/2/2020	11	507.499			\$0	558							\$ -	\$ -	\$ -
12/2/2020	12	496.632			\$0	558							\$ -	\$ -	\$ -
12/2/2020	13	488.759			\$0	559							\$ -	\$ -	\$ -
12/2/2020	14	480.956			\$0	560							\$ -	\$ -	\$ -
12/2/2020	15	474.935			\$0	557							\$ -	\$ -	\$ -
12/2/2020	16	478.845			\$0	556							\$ -	\$ -	\$ -
12/2/2020	17	515.333			\$0	561							\$ -	\$ -	\$ -
12/2/2020	18	532.826			\$0	604							\$ -	\$ -	\$ -
12/2/2020	19	530.767			\$0	607							\$ -	\$ -	\$ -
12/2/2020	20	523.757			\$0	606							\$ -	\$ -	\$ -
12/2/2020	21	510.939			\$0	605							\$ -	\$ -	\$ -
12/2/2020	22	492.318			\$0	608							\$ -	\$ -	\$ -
12/2/2020	23	470.785			\$0	605							\$ -	\$ -	\$ -
12/3/2020	0	457.992			\$0	590							\$ -	\$ -	\$ -
12/3/2020	1	450.296			\$0	604							\$ -	\$ -	\$ -
12/3/2020	2	442.627			\$0	584							\$ -	\$ -	\$ -
12/3/2020	3	441.589			\$0	586							\$ -	\$ -	\$ -
12/3/2020	4	448.354			\$0	605							\$ -	\$ -	\$ -
12/3/2020	5	468.973			\$0	604							\$ -	\$ -	\$ -
12/3/2020	6	502.21			\$0	607							\$ -	\$ -	\$ -
12/3/2020	7	534.746			\$0	607							\$ -	\$ -	\$ -

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Demand (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)			
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6		
12/3/2020	8	538.022			\$0	604						\$	-	\$	-	\$	-
12/3/2020	9	535.295			\$0	604				1	32	\$	-	\$	-	\$	-
12/3/2020	10	531.501			\$0	606				24	33	\$	-	\$	-	\$	-
12/3/2020	11	528.638			\$0	605						\$	-	\$	-	\$	-
12/3/2020	12	522.728			\$0	603						\$	-	\$	-	\$	-
12/3/2020	13	515.877			\$0	589						\$	-	\$	-	\$	-
12/3/2020	14	507.983			\$0	604						\$	-	\$	-	\$	-
12/3/2020	15	499.02			\$0	605						\$	-	\$	-	\$	-
12/3/2020	16	502.733			\$0	607						\$	-	\$	-	\$	-
12/3/2020	17	526.192			\$0	603						\$	-	\$	-	\$	-
12/3/2020	18	534.027			\$0	607						\$	-	\$	-	\$	-
12/3/2020	19	524.118			\$0	606						\$	-	\$	-	\$	-
12/3/2020	20	509.333			\$0	608						\$	-	\$	-	\$	-
12/3/2020	21	493.783			\$0	605						\$	-	\$	-	\$	-
12/3/2020	22	468.379			\$0	599						\$	-	\$	-	\$	-
12/3/2020	23	442.862			\$0	559						\$	-	\$	-	\$	-
12/4/2020	0	424.521	0	\$0.00	\$0	432						\$	-	\$	-	\$	-
12/4/2020	1	413.887	84.89	\$18.13	\$1,539	329						\$	1,539	\$	1,539	\$	-
12/4/2020	2	406.015	95.02	\$17.93	\$1,704	311						\$	1,704	\$	1,685	\$	18
12/4/2020	3	404.039	104.04	\$17.96	\$1,869	300						\$	1,869	\$	1,688	\$	180
12/4/2020	4	409.937	97.94	\$18.48	\$1,810	312						\$	1,810	\$	1,737	\$	73
12/4/2020	5	428.519	69.52	\$19.78	\$1,375	359						\$	1,375	\$	1,375	\$	-
12/4/2020	6	457.037	100.04	\$25.72	\$2,573	357						\$	2,573	\$	2,418	\$	155
12/4/2020	7	484.565	110.57	\$27.72	\$3,065	374						\$	3,065	\$	2,606	\$	459
12/4/2020	8	490.373	66.37	\$25.75	\$1,709	424						\$	1,709	\$	1,709	\$	-
12/4/2020	9	488.239			\$0	542						\$	-	\$	-	\$	-
12/4/2020	10	489.233			\$0	575						\$	-	\$	-	\$	-
12/4/2020	11	486.189			\$0	597						\$	-	\$	-	\$	-
12/4/2020	12	485.225			\$0	586						\$	-	\$	-	\$	-
12/4/2020	13	482.479			\$0	489						\$	-	\$	-	\$	-
12/4/2020	14	464.825	17.83	\$21.34	\$380	447						\$	380	\$	380	\$	-
12/4/2020	15	479.724	21.72	\$21.12	\$459	458						\$	459	\$	459	\$	-
12/4/2020	16	478.865			\$0	558						\$	-	\$	-	\$	-
12/4/2020	17	493.596			\$0	602						\$	-	\$	-	\$	-
12/4/2020	18	501.498			\$0	604						\$	-	\$	-	\$	-
12/4/2020	19	495.567			\$0	603						\$	-	\$	-	\$	-
12/4/2020	20	485.656			\$0	604						\$	-	\$	-	\$	-
12/4/2020	21	471.882			\$0	602						\$	-	\$	-	\$	-
12/4/2020	22	452.394			\$0	578						\$	-	\$	-	\$	-
12/4/2020	23	433.054	0	\$0.00	\$0	477						\$	-	\$	-	\$	-
12/5/2020	0	416.5			\$0	421						\$	-	\$	-	\$	-
12/5/2020	1	407.601			\$0	474						\$	-	\$	-	\$	-
12/5/2020	2	404.568			\$0	510						\$	-	\$	-	\$	-
12/5/2020	3	403.478	0	\$0.00	\$0	537						\$	-	\$	-	\$	-
12/5/2020	4	409.504	0	\$0.00	\$0	495						\$	-	\$	-	\$	-
12/5/2020	5	424.297			\$0	486						\$	-	\$	-	\$	-
12/5/2020	6	440.855			\$0	532						\$	-	\$	-	\$	-
12/5/2020	7	456.421			\$0	587						\$	-	\$	-	\$	-
12/5/2020	8	463.223			\$0	603						\$	-	\$	-	\$	-
12/5/2020	9	463.233			\$0	603						\$	-	\$	-	\$	-
12/5/2020	10	450.397			\$0	603						\$	-	\$	-	\$	-
12/5/2020	11	439.668			\$0	602						\$	-	\$	-	\$	-
12/5/2020	12	432.769			\$0	587						\$	-	\$	-	\$	-
12/5/2020	13	425.856			\$0	604						\$	-	\$	-	\$	-
12/5/2020	14	417.004			\$0	604						\$	-	\$	-	\$	-
12/5/2020	15	413.975			\$0	605						\$	-	\$	-	\$	-

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)				
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6			
12/5/2020	16	423.846			\$0	603						\$	-	\$	-	\$	-	
12/5/2020	17	459.413			\$0	603						\$	-	\$	-	\$	-	
12/5/2020	18	475.235			\$0	604						\$	-	\$	-	\$	-	
12/5/2020	19	476.202			\$0	606						\$	-	\$	-	\$	-	
12/5/2020	20	473.193			\$0	606						\$	-	\$	-	\$	-	
12/5/2020	21	465.213			\$0	603						\$	-	\$	-	\$	-	
12/5/2020	22	450.423			\$0	603						\$	-	\$	-	\$	-	
12/5/2020	23	433.725			\$0	563						\$	-	\$	-	\$	-	
12/6/2020	0	421.97			\$0	560						\$	-	\$	-	\$	-	
12/6/2020	1	415.169			\$0	557						\$	-	\$	-	\$	-	
12/6/2020	2	410.36			\$0	483						\$	-	\$	-	\$	-	
12/6/2020	3	412.26			\$0	513						\$	-	\$	-	\$	-	
12/6/2020	4	417.033			\$0	567						\$	-	\$	-	\$	-	
12/6/2020	5	429.711			\$0	578						\$	-	\$	-	\$	-	
12/6/2020	6	441.52			\$0	599						\$	-	\$	-	\$	-	
12/6/2020	7	457.153			\$0	603						\$	-	\$	-	\$	-	
12/6/2020	8	465.074			\$0	603						\$	-	\$	-	\$	-	
12/6/2020	9	470.425	34.43	\$23.84	\$821	436						\$	821	\$	821	\$	-	
12/6/2020	10	463.35			\$0	544						\$	-	\$	-	\$	-	
12/6/2020	11	455.317			\$0	599						\$	-	\$	-	\$	-	
12/6/2020	12	454.434			\$0	605						\$	-	\$	-	\$	-	
12/6/2020	13	452.569			\$0	589						\$	-	\$	-	\$	-	
12/6/2020	14	449.783			\$0	523						\$	-	\$	-	\$	-	
12/6/2020	15	454.788			\$0	494						\$	-	\$	-	\$	-	
12/6/2020	16	467.376			\$0	538						\$	-	\$	-	\$	-	
12/6/2020	17	495.729			\$0	604						\$	-	\$	-	\$	-	
12/6/2020	18	498.662			\$0	604						\$	-	\$	-	\$	-	
12/6/2020	19	493.656			\$0	604						\$	-	\$	-	\$	-	
12/6/2020	20	485.628			\$0	602						\$	-	\$	-	\$	-	
12/6/2020	21	468.721			\$0	604						\$	-	\$	-	\$	-	
12/6/2020	22	446.774			\$0	603						\$	-	\$	-	\$	-	
12/6/2020	23	426.07			\$0	597						\$	-	\$	-	\$	-	
12/7/2020	0	411.777			\$0	534						\$	-	\$	-	\$	-	
12/7/2020	1	407.019			\$0	548						\$	-	\$	-	\$	-	
12/7/2020	2	406.124			\$0	526						\$	-	\$	-	\$	-	
12/7/2020	3	409.19			\$0	485						\$	-	\$	-	\$	-	
12/7/2020	4	421.13			\$0	444						\$	-	\$	-	\$	-	
12/7/2020	5	446.648			\$0	471						\$	-	\$	-	\$	-	
12/7/2020	6	482.852			\$0	526						\$	-	\$	-	\$	-	
12/7/2020	7	514.017			\$0	581						\$	-	\$	-	\$	-	
12/7/2020	8	525.638			\$0	601						\$	-	\$	-	\$	-	
12/7/2020	9	529.333			\$0	586						\$	-	\$	-	\$	-	
12/7/2020	10	535.232			\$0	605						\$	-	\$	-	\$	-	
12/7/2020	11	536.148			\$0	605						\$	-	\$	-	\$	-	
12/7/2020	12	539.947			\$0	603						\$	-	\$	-	\$	-	
12/7/2020	13	538.976			\$0	603						\$	-	\$	-	\$	-	
12/7/2020	14	537.05			\$0	605						\$	-	\$	-	\$	-	
12/7/2020	15	529.171			\$0	604						\$	-	\$	-	\$	-	
12/7/2020	16	525.101			\$0	605	13	13	3	12	11	12	\$	-	\$	-	\$	-
12/7/2020	17	556.512			\$0	603	52	51	52	53	50	52	\$	-	\$	-	\$	-
12/7/2020	18	566.51			\$0	605	29	30	29	29	29	31	\$	-	\$	-	\$	-
12/7/2020	19	558.647			\$0	606	20	17	19	19	18	19	\$	-	\$	-	\$	-
12/7/2020	20	542.892			\$0	588	6	7	6	6	6	6	\$	-	\$	-	\$	-
12/7/2020	21	526.972			\$0	604	45	50	50	49	51	52	\$	-	\$	-	\$	-
12/7/2020	22	500.452			\$0	604	4	3	3	3	2	3	\$	-	\$	-	\$	-
12/7/2020	23	475.705			\$0	602							\$	-	\$	-	\$	-

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)			
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6		
12/8/2020	0	457.888			\$0	603						\$	-	\$	-	\$	-
12/8/2020	1	446.999			\$0	605						\$	-	\$	-	\$	-
12/8/2020	2	439.125			\$0	591						\$	-	\$	-	\$	-
12/8/2020	3	438.156			\$0	579						\$	-	\$	-	\$	-
12/8/2020	4	447.031			\$0	598						\$	-	\$	-	\$	-
12/8/2020	5	468.753			\$0	605		3		1	1	\$	-	\$	-	\$	-
12/8/2020	6	498.343			\$0	605	3	13	5	11	15	\$	-	\$	-	\$	-
12/8/2020	7	527.652			\$0	604	12	58	13	59	54	\$	-	\$	-	\$	-
12/8/2020	8	534.278	0	\$0.00	\$0	604	15	40	15	40	39	\$	-	\$	-	\$	-
12/8/2020	9	531.326	0	\$0.00	\$0	603	7	4	7	5	5	\$	-	\$	-	\$	-
12/8/2020	10	532.327	0	\$0.00	\$0	604	5	6	6	6	4	\$	-	\$	-	\$	-
12/8/2020	11	526.346	0	\$0.00	\$0	586	3	3	3	4	3	\$	-	\$	-	\$	-
12/8/2020	12	527.289	0	\$0.00	\$0	600						\$	-	\$	-	\$	-
12/8/2020	13	522.502	0	\$0.00	\$0	592						\$	-	\$	-	\$	-
12/8/2020	14	520.687	0	\$0.00	\$0	556						\$	-	\$	-	\$	-
12/8/2020	15	524.585	0	\$0.00	\$0	569						\$	-	\$	-	\$	-
12/8/2020	16	528.382	0	\$0.00	\$0	603						\$	-	\$	-	\$	-
12/8/2020	17	551.919	0	\$0.00	\$0	604						\$	-	\$	-	\$	-
12/8/2020	18	557.899	0	\$0.00	\$0	604						\$	-	\$	-	\$	-
12/8/2020	19	550.98			\$0	605						\$	-	\$	-	\$	-
12/8/2020	20	537.206			\$0	604						\$	-	\$	-	\$	-
12/8/2020	21	520.49			\$0	602						\$	-	\$	-	\$	-
12/8/2020	22	498.98			\$0	555						\$	-	\$	-	\$	-
12/8/2020	23	476.566	13.57	\$20.41	\$277	463						\$	277	\$	277	\$	-
12/9/2020	0	458.226	48.23	\$19.16	\$924	410						\$	924	\$	924	\$	-
12/9/2020	1	447.999	0	\$0.00	\$0	472						\$	-	\$	-	\$	-
12/9/2020	2	440.824	0	\$0.00	\$0	586						\$	-	\$	-	\$	-
12/9/2020	3	440.807	0	\$0.00	\$0	561						\$	-	\$	-	\$	-
12/9/2020	4	446.576			\$0	490						\$	-	\$	-	\$	-
12/9/2020	5	461.651			\$0	575						\$	-	\$	-	\$	-
12/9/2020	6	497.751			\$0	602						\$	-	\$	-	\$	-
12/9/2020	7	503.678			\$0	605	3	2	4	2	3	\$	-	\$	-	\$	-
12/9/2020	8	521.986	0	\$0.00	\$0	604	6	7	5	6	7	\$	-	\$	-	\$	-
12/9/2020	9	513.386	0	\$0.00	\$0	603	1	1	1		1	\$	-	\$	-	\$	-
12/9/2020	10	494.797	0	\$0.00	\$0	600						\$	-	\$	-	\$	-
12/9/2020	11	481.943	0	\$0.00	\$0	598						\$	-	\$	-	\$	-
12/9/2020	12	472.093	0	\$0.00	\$0	604						\$	-	\$	-	\$	-
12/9/2020	13	461.272	0	\$0.00	\$0	602						\$	-	\$	-	\$	-
12/9/2020	14	455.422	0	\$0.00	\$0	572						\$	-	\$	-	\$	-
12/9/2020	15	454.38	0	\$0.00	\$0	538						\$	-	\$	-	\$	-
12/9/2020	16	453.272	0	\$0.00	\$0	585						\$	-	\$	-	\$	-
12/9/2020	17	478.751	0	\$0.00	\$0	606						\$	-	\$	-	\$	-
12/9/2020	18	497.395			\$0	606						\$	-	\$	-	\$	-
12/9/2020	19	492.503			\$0	606						\$	-	\$	-	\$	-
12/9/2020	20	483.931			\$0	605						\$	-	\$	-	\$	-
12/9/2020	21	474.082			\$0	605						\$	-	\$	-	\$	-
12/9/2020	22	453.435			\$0	602						\$	-	\$	-	\$	-
12/9/2020	23	433.027	0	\$0.00	\$0	483						\$	-	\$	-	\$	-
12/10/2020	0	421.353	26.35	\$18.88	\$497	395						\$	497	\$	497	\$	-
12/10/2020	1	414.388	19.39	\$18.62	\$361	395						\$	361	\$	361	\$	-
12/10/2020	2	411.349	0	\$0.00	\$0	428						\$	-	\$	-	\$	-
12/10/2020	3	414.134	0	\$0.00	\$0	479						\$	-	\$	-	\$	-
12/10/2020	4	423.785	0	\$0.00	\$0	587						\$	-	\$	-	\$	-
12/10/2020	5	448.438	0	\$0.00	\$0	605						\$	-	\$	-	\$	-
12/10/2020	6	483.994	0	\$0.00	\$0	607						\$	-	\$	-	\$	-
12/10/2020	7	514.626			\$0	607						\$	-	\$	-	\$	-



Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
12/10/2020	8	520.536			\$0	608							\$ -	\$ -	\$ -
12/10/2020	9	506.704			\$0	606							\$ -	\$ -	\$ -
12/10/2020	10	489.874			\$0	607							\$ -	\$ -	\$ -
12/10/2020	11	472.921			\$0	580							\$ -	\$ -	\$ -
12/10/2020	12	460.262			\$0	555							\$ -	\$ -	\$ -
12/10/2020	13	453.551			\$0	486							\$ -	\$ -	\$ -
12/10/2020	14	448.724	41.72	\$18.19	\$759	407							\$ 759	\$ 759	\$ -
12/10/2020	15	443.958	94.96	\$18.12	\$1,721	349							\$ 1,721	\$ 1,703	\$ 17
12/10/2020	16	444.855	56.86	\$20.58	\$1,170	388							\$ 1,170	\$ 1,170	\$ -
12/10/2020	17	469.414	27.41	\$26.07	\$715	442							\$ 715	\$ 715	\$ -
12/10/2020	18	485.039			\$0	542							\$ -	\$ -	\$ -
12/10/2020	19	478.945			\$0	602							\$ -	\$ -	\$ -
12/10/2020	20	467.045			\$0	583							\$ -	\$ -	\$ -
12/10/2020	21	454.261			\$0	517							\$ -	\$ -	\$ -
12/10/2020	22	433.816			\$0	451							\$ -	\$ -	\$ -
12/10/2020	23	412.94	0	\$0.00	\$0	481							\$ -	\$ -	\$ -
12/11/2020	0	398.727	0	\$0.00	\$0	589							\$ -	\$ -	\$ -
12/11/2020	1	387.762	0	\$0.00	\$0	604							\$ -	\$ -	\$ -
12/11/2020	2	381.75	0	\$0.00	\$0	605							\$ -	\$ -	\$ -
12/11/2020	3	382.621	0	\$0.00	\$0	607							\$ -	\$ -	\$ -
12/11/2020	4	390.624	0	\$0.00	\$0	605							\$ -	\$ -	\$ -
12/11/2020	5	410.402	0	\$0.00	\$0	604							\$ -	\$ -	\$ -
12/11/2020	6	444.006			\$0	606							\$ -	\$ -	\$ -
12/11/2020	7	471.675			\$0	605							\$ -	\$ -	\$ -
12/11/2020	8	475.688			\$0	597							\$ -	\$ -	\$ -
12/11/2020	9	465.814			\$0	548							\$ -	\$ -	\$ -
12/11/2020	10	455.035			\$0	532							\$ -	\$ -	\$ -
12/11/2020	11	446.224			\$0	489							\$ -	\$ -	\$ -
12/11/2020	12	437.317			\$0	476							\$ -	\$ -	\$ -
12/11/2020	13	434.426	0	\$0.00	\$0	448							\$ -	\$ -	\$ -
12/11/2020	14	431.564	22.56	\$19.34	\$436	409							\$ 436	\$ 436	\$ -
12/11/2020	15	426.761	55.76	\$19.48	\$1,086	371							\$ 1,086	\$ 1,086	\$ -
12/11/2020	16	423.811	57.81	\$20.79	\$1,202	366							\$ 1,202	\$ 1,202	\$ -
12/11/2020	17	448.431	24.43	\$23.69	\$579	424							\$ 579	\$ 579	\$ -
12/11/2020	18	456.325			\$0	459							\$ -	\$ -	\$ -
12/11/2020	19	446.565	38.57	\$21.12	\$815	408							\$ 815	\$ 815	\$ -
12/11/2020	20	438.536	22.54	\$20.24	\$456	416							\$ 456	\$ 456	\$ -
12/11/2020	21	426.504			\$0	463							\$ -	\$ -	\$ -
12/11/2020	22	409.658			\$0	496							\$ -	\$ -	\$ -
12/11/2020	23	386.95			\$0	495							\$ -	\$ -	\$ -
12/12/2020	0	366.251	0	\$0.00	\$0	497							\$ -	\$ -	\$ -
12/12/2020	1	353.469	0	\$0.00	\$0	497							\$ -	\$ -	\$ -
12/12/2020	2	345.779	0	\$0.00	\$0	495							\$ -	\$ -	\$ -
12/12/2020	3	340.997	0	\$0.00	\$0	487							\$ -	\$ -	\$ -
12/12/2020	4	339.967	0	\$0.00	\$0	405							\$ -	\$ -	\$ -
12/12/2020	5	349.702	0	\$0.00	\$0	370							\$ -	\$ -	\$ -
12/12/2020	6	360.571	0	\$0.00	\$0	367							\$ -	\$ -	\$ -
12/12/2020	7	377.198	19.2	\$17.49	\$336	358							\$ 336	\$ 336	\$ -
12/12/2020	8	385.807	0	\$0.00	\$0	440							\$ -	\$ -	\$ -
12/12/2020	9	407.222	0	\$0.00	\$0	540							\$ -	\$ -	\$ -
12/12/2020	10	419.867	0	\$0.00	\$0	598							\$ -	\$ -	\$ -
12/12/2020	11	416.924	0	\$0.00	\$0	601							\$ -	\$ -	\$ -
12/12/2020	12	409.097	0	\$0.00	\$0	601							\$ -	\$ -	\$ -
12/12/2020	13	403.217	0	\$0.00	\$0	603							\$ -	\$ -	\$ -
12/12/2020	14	395.279	0	\$0.00	\$0	596							\$ -	\$ -	\$ -
12/12/2020	15	388.422	0	\$0.00	\$0	585							\$ -	\$ -	\$ -

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)	
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6
12/12/2020	16	397.351	0	\$0.00	\$0	591							\$ -	\$ -	\$ -
12/12/2020	17	421.136	0	\$0.00	\$0	604							\$ -	\$ -	\$ -
12/12/2020	18	433.008			\$0	605							\$ -	\$ -	\$ -
12/12/2020	19	428.07			\$0	605							\$ -	\$ -	\$ -
12/12/2020	20	424.379			\$0	604							\$ -	\$ -	\$ -
12/12/2020	21	417.358	0	\$0.00	\$0	582							\$ -	\$ -	\$ -
12/12/2020	22	404.099	0	\$0.00	\$0	543							\$ -	\$ -	\$ -
12/12/2020	23	385.543	0	\$0.00	\$0	471							\$ -	\$ -	\$ -
12/13/2020	0	366.783	0	\$0.00	\$0	454							\$ -	\$ -	\$ -
12/13/2020	1	355.743	0	\$0.00	\$0	521							\$ -	\$ -	\$ -
12/13/2020	2	350.029	0	\$0.00	\$0	417							\$ -	\$ -	\$ -
12/13/2020	3	346.157	0	\$0.00	\$0	356							\$ -	\$ -	\$ -
12/13/2020	4	348.169	0	\$0.00	\$0	358							\$ -	\$ -	\$ -
12/13/2020	5	355.094	0.09	\$16.69	\$2	355							\$ 2	\$ 2	\$ -
12/13/2020	6	367.986	10.99	\$17.61	\$194	357							\$ 194	\$ 194	\$ -
12/13/2020	7	382.829	23.83	\$18.80	\$448	359							\$ 448	\$ 448	\$ -
12/13/2020	8	395.7	33.7	\$19.17	\$646	362							\$ 646	\$ 646	\$ -
12/13/2020	9	413.431	26.43	\$20.42	\$540	387							\$ 540	\$ 540	\$ -
12/13/2020	10	425.102	0	\$0.00	\$0	489							\$ -	\$ -	\$ -
12/13/2020	11	429.056	0	\$0.00	\$0	494							\$ -	\$ -	\$ -
12/13/2020	12	432.099	0	\$0.00	\$0	479							\$ -	\$ -	\$ -
12/13/2020	13	431.095	0	\$0.00	\$0	490							\$ -	\$ -	\$ -
12/13/2020	14	432.161	0	\$0.00	\$0	456							\$ -	\$ -	\$ -
12/13/2020	15	435.102	0	\$0.00	\$0	477							\$ -	\$ -	\$ -
12/13/2020	16	447.681	0	\$0.00	\$0	562							\$ -	\$ -	\$ -
12/13/2020	17	475.208	0	\$0.00	\$0	585							\$ -	\$ -	\$ -
12/13/2020	18	477.187	0	\$0.00	\$0	605							\$ -	\$ -	\$ -
12/13/2020	19	468.283			\$0	603							\$ -	\$ -	\$ -
12/13/2020	20	457.4			\$0	604							\$ -	\$ -	\$ -
12/13/2020	21	444.594			\$0	595							\$ -	\$ -	\$ -
12/13/2020	22	425.951			\$0	563							\$ -	\$ -	\$ -
12/13/2020	23	405.442			\$0	498							\$ -	\$ -	\$ -
12/14/2020	0	387.956	0	\$0.00	\$0	416							\$ -	\$ -	\$ -
12/14/2020	1	380.154	18.15	\$18.39	\$334	362							\$ 334	\$ 334	\$ -
12/14/2020	2	378.161	21.16	\$18.20	\$385	357							\$ 385	\$ 385	\$ -
12/14/2020	3	380.135	34.14	\$18.42	\$629	346							\$ 629	\$ 629	\$ -
12/14/2020	4	388.109	31.11	\$18.43	\$573	357							\$ 573	\$ 573	\$ -
12/14/2020	5	413.734	64.73	\$20.90	\$1,353	349							\$ 1,353	\$ 1,353	\$ -
12/14/2020	6	451.198	140.2	\$25.32	\$3,550	311							\$ 3,550	\$ 2,380	\$ 1,170
12/14/2020	7	487.746	168.75	\$34.98	\$5,903	319							\$ 5,903	\$ 3,288	\$ 2,615
12/14/2020	8	499.353	74.35	\$31.82	\$2,366	425							\$ 2,366	\$ 2,366	\$ -
12/14/2020	9	505.862			\$0	568							\$ -	\$ -	\$ -
12/14/2020	10	517.588			\$0	601							\$ -	\$ -	\$ -
12/14/2020	11	525.455			\$0	603							\$ -	\$ -	\$ -
12/14/2020	12	531.442			\$0	605							\$ -	\$ -	\$ -
12/14/2020	13	531.287			\$0	602							\$ -	\$ -	\$ -
12/14/2020	14	534.297			\$0	606							\$ -	\$ -	\$ -
12/14/2020	15	535.314			\$0	607							\$ -	\$ -	\$ -
12/14/2020	16	537.226			\$0	587							\$ -	\$ -	\$ -
12/14/2020	17	564.909			\$0	604							\$ -	\$ -	\$ -
12/14/2020	18	568.827			\$0	608							\$ -	\$ -	\$ -
12/14/2020	19	556.924			\$0	605							\$ -	\$ -	\$ -
12/14/2020	20	544.04			\$0	606							\$ -	\$ -	\$ -
12/14/2020	21	529.29			\$0	604							\$ -	\$ -	\$ -
12/14/2020	22	507.597			\$0	605							\$ -	\$ -	\$ -
12/14/2020	23	488.843			\$0	603							\$ -	\$ -	\$ -

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)				
					East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6			
12/15/2020	0	474.936		\$0	605							\$	-	\$	-	\$	-
12/15/2020	1	466.988		\$0	600							\$	-	\$	-	\$	-
12/15/2020	2	461.151		\$0	505							\$	-	\$	-	\$	-
12/15/2020	3	464.167		\$0	477							\$	-	\$	-	\$	-
12/15/2020	4	471.796		\$0	487							\$	-	\$	-	\$	-
12/15/2020	5	496.149		\$0	553							\$	-	\$	-	\$	-
12/15/2020	6	530.41		\$0	595							\$	-	\$	-	\$	-
12/15/2020	7	557.569		\$0	600							\$	-	\$	-	\$	-
12/15/2020	8	558.463		\$0	605							\$	-	\$	-	\$	-
12/15/2020	9	520.93		\$0	603							\$	-	\$	-	\$	-
12/15/2020	10	532.737		\$0	604							\$	-	\$	-	\$	-
12/15/2020	11	522.817		\$0	605							\$	-	\$	-	\$	-
12/15/2020	12	514.956		\$0	603							\$	-	\$	-	\$	-
12/15/2020	13	506.067		\$0	606							\$	-	\$	-	\$	-
12/15/2020	14	499.129		\$0	587							\$	-	\$	-	\$	-
12/15/2020	15	510.072		\$0	606							\$	-	\$	-	\$	-
12/15/2020	16	519.949		\$0	604							\$	-	\$	-	\$	-
12/15/2020	17	550.499		\$0	605							\$	-	\$	-	\$	-
12/15/2020	18	558.395		\$0	606							\$	-	\$	-	\$	-
12/15/2020	19	550.565		\$0	604							\$	-	\$	-	\$	-
12/15/2020	20	541.629		\$0	603							\$	-	\$	-	\$	-
12/15/2020	21	525.928		\$0	606							\$	-	\$	-	\$	-
12/15/2020	22	501.096		\$0	600							\$	-	\$	-	\$	-
12/15/2020	23	476.457		\$0	600							\$	-	\$	-	\$	-
12/16/2020	0	458.67		\$0	605							\$	-	\$	-	\$	-
12/16/2020	1	444.971		\$0	599							\$	-	\$	-	\$	-
12/16/2020	2	437.164		\$0	577							\$	-	\$	-	\$	-
12/16/2020	3	436.181		\$0	558							\$	-	\$	-	\$	-
12/16/2020	4	443.097		\$0	508							\$	-	\$	-	\$	-
12/16/2020	5	466.701		\$0	570							\$	-	\$	-	\$	-
12/16/2020	6	500.208		\$0	604							\$	-	\$	-	\$	-
12/16/2020	7	532.77		\$0	604							\$	-	\$	-	\$	-
12/16/2020	8	543.654		\$0	605							\$	-	\$	-	\$	-
12/16/2020	9	542.656		\$0	604							\$	-	\$	-	\$	-
12/16/2020	10	543.567		\$0	606							\$	-	\$	-	\$	-
12/16/2020	11	547.754		\$0	603							\$	-	\$	-	\$	-
12/16/2020	12	546.833		\$0	605							\$	-	\$	-	\$	-
12/16/2020	13	542.076		\$0	604							\$	-	\$	-	\$	-
12/16/2020	14	535.151		\$0	604							\$	-	\$	-	\$	-
12/16/2020	15	531.197		\$0	605							\$	-	\$	-	\$	-
12/16/2020	16	534.028		\$0	606							\$	-	\$	-	\$	-
12/16/2020	17	555.583		\$0	588	32	37	36	41	40	40	\$	-	\$	-	\$	-
12/16/2020	18	555.889		\$0	607	23	25	25	25	25	24	\$	-	\$	-	\$	-
12/16/2020	19	550.266		\$0	605	6	5	6	6	5	5	\$	-	\$	-	\$	-
12/16/2020	20	543.385		\$0	606	7	8	7	6	5	7	\$	-	\$	-	\$	-
12/16/2020	21	526.855		\$0	606	18	16	17	16	17	17	\$	-	\$	-	\$	-
12/16/2020	22	496.267		\$0	605	9	9	9	9	9	9	\$	-	\$	-	\$	-
12/16/2020	23	473.646		\$0	605							\$	-	\$	-	\$	-
12/17/2020	0	458.855		\$0	605							\$	-	\$	-	\$	-
12/17/2020	1	451.173		\$0	604							\$	-	\$	-	\$	-
12/17/2020	2	446.309		\$0	588							\$	-	\$	-	\$	-
12/17/2020	3	444.398		\$0	605							\$	-	\$	-	\$	-
12/17/2020	4	451.306		\$0	604							\$	-	\$	-	\$	-
12/17/2020	5	470.08		\$0	606							\$	-	\$	-	\$	-
12/17/2020	6	502.563		\$0	604							\$	-	\$	-	\$	-
12/17/2020	7	533.163		\$0	604							\$	-	\$	-	\$	-

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)				
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6			
12/17/2020	8	547.069			\$0	603	9	8	8	9	9	10	\$	-	\$	-	\$	-
12/17/2020	9	549.003			\$0	602	9	8	8	8	8	8	\$	-	\$	-	\$	-
12/17/2020	10	554.927			\$0	602	19	19	18	19	18	19	\$	-	\$	-	\$	-
12/17/2020	11	555.897			\$0	604	22	24	23	22	22	23	\$	-	\$	-	\$	-
12/17/2020	12	553.933			\$0	605	6	6	7	6	6	7	\$	-	\$	-	\$	-
12/17/2020	13	550.021			\$0	606	5	5	6	6	5	6	\$	-	\$	-	\$	-
12/17/2020	14	551.083			\$0	605	5	5	5	6	5	7	\$	-	\$	-	\$	-
12/17/2020	15	553.812			\$0	588	21	21	22	21	21	21	\$	-	\$	-	\$	-
12/17/2020	16	556.544			\$0	606	5	5	3	5	4	7	\$	-	\$	-	\$	-
12/17/2020	17	587.121			\$0	605	34	34	34	33	34	33	\$	-	\$	-	\$	-
12/17/2020	18	589.318			\$0	605	15	7	8	6	7	8	\$	-	\$	-	\$	-
12/17/2020	19	577.477			\$0	607	20	19	19	19	18	18	\$	-	\$	-	\$	-
12/17/2020	20	560.743			\$0	605	19	19	19	20	19	20	\$	-	\$	-	\$	-
12/17/2020	21	541.193			\$0	607							\$	-	\$	-	\$	-
12/17/2020	22	523.406	0	\$0.00	\$0	557							\$	-	\$	-	\$	-
12/17/2020	23	496.865			\$0	536							\$	-	\$	-	\$	-
12/18/2020	0	473.187			\$0	563							\$	-	\$	-	\$	-
12/18/2020	1	458.311			\$0	604							\$	-	\$	-	\$	-
12/18/2020	2	448.447			\$0	588							\$	-	\$	-	\$	-
12/18/2020	3	447.54			\$0	605							\$	-	\$	-	\$	-
12/18/2020	4	451.507			\$0	606							\$	-	\$	-	\$	-
12/18/2020	5	475.143			\$0	604							\$	-	\$	-	\$	-
12/18/2020	6	504.694			\$0	607							\$	-	\$	-	\$	-
12/18/2020	7	534.241			\$0	607	8	6	8	8	8	8	\$	-	\$	-	\$	-
12/18/2020	8	543.902			\$0	604	51	52	50	52	51	49	\$	-	\$	-	\$	-
12/18/2020	9	531.992			\$0	608	66	64	63	64	63	59	\$	-	\$	-	\$	-
12/18/2020	10	526.807			\$0	604	1	1	2	1		1	\$	-	\$	-	\$	-
12/18/2020	11	519.588			\$0	606							\$	-	\$	-	\$	-
12/18/2020	12	516.008			\$0	606							\$	-	\$	-	\$	-
12/18/2020	13	503.141			\$0	604							\$	-	\$	-	\$	-
12/18/2020	14	498.145			\$0	606							\$	-	\$	-	\$	-
12/18/2020	15	496.209			\$0	605	9	9	9	9	10	9	\$	-	\$	-	\$	-
12/18/2020	16	504.2			\$0	589	53	54	53	54	52	51	\$	-	\$	-	\$	-
12/18/2020	17	538.59			\$0	605	45	47	47	47	46	43	\$	-	\$	-	\$	-
12/18/2020	18	544.654			\$0	606	7	8	7	7	7	8	\$	-	\$	-	\$	-
12/18/2020	19	534.712			\$0	608	47	46	48	47	46	45	\$	-	\$	-	\$	-
12/18/2020	20	525.777			\$0	607	70	72	69	72	69	67	\$	-	\$	-	\$	-
12/18/2020	21	512.884			\$0	606	80	82	82	84	80	75	\$	-	\$	-	\$	-
12/18/2020	22	494.159			\$0	605	78	84	81	85	77	76	\$	-	\$	-	\$	-
12/18/2020	23	475.48			\$0	604	62	64	63	65	60	57	\$	-	\$	-	\$	-
12/19/2020	0	456.871			\$0	605	53	54	54	53	50	50	\$	-	\$	-	\$	-
12/19/2020	1	446.089			\$0	607	5	3	5	4	3	3	\$	-	\$	-	\$	-
12/19/2020	2	438.058			\$0	586							\$	-	\$	-	\$	-
12/19/2020	3	438.07			\$0	605							\$	-	\$	-	\$	-
12/19/2020	4	443.034			\$0	603							\$	-	\$	-	\$	-
12/19/2020	5	450.958			\$0	605							\$	-	\$	-	\$	-
12/19/2020	6	462.968			\$0	607		11	10	23	23	22	\$	-	\$	-	\$	-
12/19/2020	7	479.654			\$0	608		69	70	69	69	67	\$	-	\$	-	\$	-
12/19/2020	8	491.651			\$0	605		24	23	25	22	22	\$	-	\$	-	\$	-
12/19/2020	9	501.541			\$0	588		74	19	18	20	20	\$	-	\$	-	\$	-
12/19/2020	10	501.511			\$0	605		54	47	46	17	18	\$	-	\$	-	\$	-
12/19/2020	11	504.567			\$0	605							\$	-	\$	-	\$	-
12/19/2020	12	494.61			\$0	605							\$	-	\$	-	\$	-
12/19/2020	13	484.598			\$0	606							\$	-	\$	-	\$	-
12/19/2020	14	476.583			\$0	604							\$	-	\$	-	\$	-
12/19/2020	15	474.719			\$0	605							\$	-	\$	-	\$	-

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)			
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6		
12/19/2020	16	480.381		\$0	605							\$	-	\$	-	\$	-
12/19/2020	17	496.121		\$0	607							\$	-	\$	-	\$	-
12/19/2020	18	494.254		\$0	605							\$	-	\$	-	\$	-
12/19/2020	19	486.112		\$0	606							\$	-	\$	-	\$	-
12/19/2020	20	479.021		\$0	605							\$	-	\$	-	\$	-
12/19/2020	21	467.258		\$0	606							\$	-	\$	-	\$	-
12/19/2020	22	448.427		\$0	588							\$	-	\$	-	\$	-
12/19/2020	23	426.155		\$0	607							\$	-	\$	-	\$	-
12/20/2020	0	408.842		\$0	606							\$	-	\$	-	\$	-
12/20/2020	1	398.005		\$0	604							\$	-	\$	-	\$	-
12/20/2020	2	390.113		\$0	604							\$	-	\$	-	\$	-
12/20/2020	3	389.134		\$0	603							\$	-	\$	-	\$	-
12/20/2020	4	387.235		\$0	604							\$	-	\$	-	\$	-
12/20/2020	5	392.183		\$0	603							\$	-	\$	-	\$	-
12/20/2020	6	402.997		\$0	603							\$	-	\$	-	\$	-
12/20/2020	7	414.931		\$0	604							\$	-	\$	-	\$	-
12/20/2020	8	427.806		\$0	585							\$	-	\$	-	\$	-
12/20/2020	9	442.536		\$0	602							\$	-	\$	-	\$	-
12/20/2020	10	453.24		\$0	600							\$	-	\$	-	\$	-
12/20/2020	11	456.261		\$0	604							\$	-	\$	-	\$	-
12/20/2020	12	462.171		\$0	603							\$	-	\$	-	\$	-
12/20/2020	13	453.245		\$0	603							\$	-	\$	-	\$	-
12/20/2020	14	436.359		\$0	604							\$	-	\$	-	\$	-
12/20/2020	15	429.4		\$0	603							\$	-	\$	-	\$	-
12/20/2020	16	437.34		\$0	605							\$	-	\$	-	\$	-
12/20/2020	17	471.906		\$0	603							\$	-	\$	-	\$	-
12/20/2020	18	492.584		\$0	605							\$	-	\$	-	\$	-
12/20/2020	19	490.633		\$0	606							\$	-	\$	-	\$	-
12/20/2020	20	488.666		\$0	602							\$	-	\$	-	\$	-
12/20/2020	21	477.013		\$0	602							\$	-	\$	-	\$	-
12/20/2020	22	460.135		\$0	605							\$	-	\$	-	\$	-
12/20/2020	23	441.299		\$0	585							\$	-	\$	-	\$	-
12/21/2020	0	424.573		\$0	604							\$	-	\$	-	\$	-
12/21/2020	1	415.712		\$0	603							\$	-	\$	-	\$	-
12/21/2020	2	412.758		\$0	604							\$	-	\$	-	\$	-
12/21/2020	3	416.773		\$0	605							\$	-	\$	-	\$	-
12/21/2020	4	424.64		\$0	603							\$	-	\$	-	\$	-
12/21/2020	5	444.364		\$0	604							\$	-	\$	-	\$	-
12/21/2020	6	472.872		\$0	602							\$	-	\$	-	\$	-
12/21/2020	7	500.603		\$0	606							\$	-	\$	-	\$	-
12/21/2020	8	509.37		\$0	603							\$	-	\$	-	\$	-
12/21/2020	9	518.262		\$0	587							\$	-	\$	-	\$	-
12/21/2020	10	522.136		\$0	605							\$	-	\$	-	\$	-
12/21/2020	11	528.948		\$0	604							\$	-	\$	-	\$	-
12/21/2020	12	552.731		\$0	604							\$	-	\$	-	\$	-
12/21/2020	13	544.06		\$0	591							\$	-	\$	-	\$	-
12/21/2020	14	546.012		\$0	568							\$	-	\$	-	\$	-
12/21/2020	15	547.109		\$0	551							\$	-	\$	-	\$	-
12/21/2020	16	523.322		\$0	584							\$	-	\$	-	\$	-
12/21/2020	17	544.045		\$0	603							\$	-	\$	-	\$	-
12/21/2020	18	559.708		\$0	605							\$	-	\$	-	\$	-
12/21/2020	19	549.785		\$0	605							\$	-	\$	-	\$	-
12/21/2020	20	540.078		\$0	585							\$	-	\$	-	\$	-
12/21/2020	21	530.273		\$0	605							\$	-	\$	-	\$	-
12/21/2020	22	509.559		\$0	600							\$	-	\$	-	\$	-
12/21/2020	23	478.97		\$0	571							\$	-	\$	-	\$	-

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)	
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6
12/22/2020	0	431.864	0	\$0.00	\$0	479							\$ -	\$ -	\$ -
12/22/2020	1	419.215	38.22	\$18.07	\$691	381							\$ 691	\$ 691	\$ -
12/22/2020	2	411.449	99.45	\$18.06	\$1,796	312							\$ 1,796	\$ 1,698	\$ 98
12/22/2020	3	412.463	89.46	\$18.01	\$1,611	323							\$ 1,611	\$ 1,611	\$ -
12/22/2020	4	420.401	83.4	\$18.81	\$1,569	337							\$ 1,569	\$ 1,569	\$ -
12/22/2020	5	437.152	25.15	\$20.19	\$508	412							\$ 508	\$ 508	\$ -
12/22/2020	6	465.709			\$0	479							\$ -	\$ -	\$ -
12/22/2020	7	494.093			\$0	552							\$ -	\$ -	\$ -
12/22/2020	8	497.745			\$0	604							\$ -	\$ -	\$ -
12/22/2020	9	496.398			\$0	603							\$ -	\$ -	\$ -
12/22/2020	10	497.617			\$0	603							\$ -	\$ -	\$ -
12/22/2020	11	491.732			\$0	605							\$ -	\$ -	\$ -
12/22/2020	12	482.832			\$0	605							\$ -	\$ -	\$ -
12/22/2020	13	466.027			\$0	606							\$ -	\$ -	\$ -
12/22/2020	14	460.177			\$0	560							\$ -	\$ -	\$ -
12/22/2020	15	458.248			\$0	513							\$ -	\$ -	\$ -
12/22/2020	16	458.883			\$0	564							\$ -	\$ -	\$ -
12/22/2020	17	489.993			\$0	590							\$ -	\$ -	\$ -
12/22/2020	18	512.513			\$0	606							\$ -	\$ -	\$ -
12/22/2020	19	512.183			\$0	606							\$ -	\$ -	\$ -
12/22/2020	20	507.031			\$0	601							\$ -	\$ -	\$ -
12/22/2020	21	497.925			\$0	598							\$ -	\$ -	\$ -
12/22/2020	22	480.847			\$0	571							\$ -	\$ -	\$ -
12/22/2020	23	462.395			\$0	490							\$ -	\$ -	\$ -
12/23/2020	0	447.852			\$0	466							\$ -	\$ -	\$ -
12/23/2020	1	439.314			\$0	457							\$ -	\$ -	\$ -
12/23/2020	2	434.129	70.13	\$20.08	\$1,408	364							\$ 1,408	\$ 1,408	\$ -
12/23/2020	3	432.173	123.17	\$20.65	\$2,543	309							\$ 2,543	\$ 1,941	\$ 602
12/23/2020	4	440.832	133.83	\$22.26	\$2,979	307							\$ 2,979	\$ 2,092	\$ 887
12/23/2020	5	456.807	99.81	\$24.56	\$2,451	357							\$ 2,451	\$ 2,309	\$ 143
12/23/2020	6	481.929	66.93	\$27.21	\$1,821	415							\$ 1,821	\$ 1,821	\$ -
12/23/2020	7	504.599			\$0	505							\$ -	\$ -	\$ -
12/23/2020	8	509.653			\$0	578							\$ -	\$ -	\$ -
12/23/2020	9	497.099			\$0	533							\$ -	\$ -	\$ -
12/23/2020	10	484.922	65.92	\$24.87	\$1,639	419							\$ 1,639	\$ 1,639	\$ -
12/23/2020	11	474.868	147.87	\$23.32	\$3,448	327							\$ 3,448	\$ 2,192	\$ 1,256
12/23/2020	12	468.989	157.99	\$21.37	\$3,376	311							\$ 3,376	\$ 2,009	\$ 1,367
12/23/2020	13	467.916	165.92	\$21.21	\$3,519	302							\$ 3,519	\$ 1,994	\$ 1,525
12/23/2020	14	469.973	158.97	\$20.56	\$3,268	311							\$ 3,268	\$ 1,933	\$ 1,336
12/23/2020	15	463.738	139.74	\$20.68	\$2,890	324							\$ 2,890	\$ 1,944	\$ 946
12/23/2020	16	457.746	134.75	\$22.75	\$3,066	323							\$ 3,066	\$ 2,139	\$ 927
12/23/2020	17	477.197	52.2	\$26.64	\$1,391	425							\$ 1,391	\$ 1,391	\$ -
12/23/2020	18	484.071			\$0	536							\$ -	\$ -	\$ -
12/23/2020	19	478.147			\$0	513							\$ -	\$ -	\$ -
12/23/2020	20	465.466	40.47	\$23.48	\$950	425							\$ 950	\$ 950	\$ -
12/23/2020	21	450.81	116.81	\$21.79	\$2,545	334							\$ 2,545	\$ 2,048	\$ 497
12/23/2020	22	431.252	120.25	\$20.40	\$2,453	311							\$ 2,453	\$ 1,918	\$ 536
12/23/2020	23	407.457	98.46	\$19.62	\$1,932	309							\$ 1,932	\$ 1,844	\$ 88
12/24/2020	0	384.986	31.99	\$17.12	\$548	353							\$ 548	\$ 548	\$ -
12/24/2020	1	371.361	56.36	\$16.77	\$945	315							\$ 945	\$ 945	\$ -
12/24/2020	2	357.455	48.46	\$16.71	\$810	309							\$ 810	\$ 810	\$ -
12/24/2020	3	350.564	51.56	\$16.33	\$842	299							\$ 842	\$ 842	\$ -
12/24/2020	4	347.755	39.76	\$16.60	\$660	308							\$ 660	\$ 660	\$ -
12/24/2020	5	355.684	46.68	\$16.80	\$784	309							\$ 784	\$ 784	\$ -
12/24/2020	6	372.336	64.34	\$17.08	\$1,099	308							\$ 1,099	\$ 1,099	\$ -
12/24/2020	7	396.028	65.03	\$18.99	\$1,235	331							\$ 1,235	\$ 1,235	\$ -

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
12/24/2020	8	421.457			\$0	424							\$ -	\$ -	\$ -
12/24/2020	9	447.044			\$0	498							\$ -	\$ -	\$ -
12/24/2020	10	466.698			\$0	537							\$ -	\$ -	\$ -
12/24/2020	11	475.398			\$0	579							\$ -	\$ -	\$ -
12/24/2020	12	481.417			\$0	585							\$ -	\$ -	\$ -
12/24/2020	13	484.593			\$0	535							\$ -	\$ -	\$ -
12/24/2020	14	489.414			\$0	584							\$ -	\$ -	\$ -
12/24/2020	15	492.32			\$0	602							\$ -	\$ -	\$ -
12/24/2020	16	492.172			\$0	586							\$ -	\$ -	\$ -
12/24/2020	17	504.183			\$0	606							\$ -	\$ -	\$ -
12/24/2020	18	503.369			\$0	597							\$ -	\$ -	\$ -
12/24/2020	19	497.444			\$0	602							\$ -	\$ -	\$ -
12/24/2020	20	494.449			\$0	604							\$ -	\$ -	\$ -
12/24/2020	21	495.44			\$0	599							\$ -	\$ -	\$ -
12/24/2020	22	489.605			\$0	594							\$ -	\$ -	\$ -
12/24/2020	23	477.069	0	\$0.00	\$0	536							\$ -	\$ -	\$ -
12/25/2020	0	463.526	21.53	\$17.16	\$369	442							\$ 369	\$ 369	\$ -
12/25/2020	1	455.654	91.65	\$17.10	\$1,567	364							\$ 1,567	\$ 1,567	\$ -
12/25/2020	2	451.668	150.67	\$17.11	\$2,578	301							\$ 2,578	\$ 1,608	\$ 970
12/25/2020	3	451.488	143.49	\$16.91	\$2,426	308							\$ 2,426	\$ 1,590	\$ 837
12/25/2020	4	453.455	140.46	\$17.01	\$2,389	313							\$ 2,389	\$ 1,599	\$ 790
12/25/2020	5	465.337	130.34	\$17.88	\$2,330	335							\$ 2,330	\$ 1,681	\$ 650
12/25/2020	6	484.648	150.65	\$18.84	\$2,838	334							\$ 2,838	\$ 1,771	\$ 1,067
12/25/2020	7	501.87	66.87	\$21.21	\$1,418	435							\$ 1,418	\$ 1,418	\$ -
12/25/2020	8	517.319			\$0	560							\$ -	\$ -	\$ -
12/25/2020	9	527.865			\$0	600							\$ -	\$ -	\$ -
12/25/2020	10	525.961			\$0	603							\$ -	\$ -	\$ -
12/25/2020	11	523.028			\$0	604							\$ -	\$ -	\$ -
12/25/2020	12	522.871			\$0	585							\$ -	\$ -	\$ -
12/25/2020	13	516.968			\$0	578							\$ -	\$ -	\$ -
12/25/2020	14	513.951			\$0	552							\$ -	\$ -	\$ -
12/25/2020	15	513.542			\$0	592							\$ -	\$ -	\$ -
12/25/2020	16	514.252			\$0	605							\$ -	\$ -	\$ -
12/25/2020	17	536.381			\$0	604							\$ -	\$ -	\$ -
12/25/2020	18	546.091			\$0	603							\$ -	\$ -	\$ -
12/25/2020	19	547.624			\$0	604							\$ -	\$ -	\$ -
12/25/2020	20	553.546			\$0	603							\$ -	\$ -	\$ -
12/25/2020	21	552.339			\$0	585							\$ -	\$ -	\$ -
12/25/2020	22	539.643			\$0	605							\$ -	\$ -	\$ -
12/25/2020	23	524.992			\$0	603							\$ -	\$ -	\$ -
12/26/2020	0	511.989			\$0	603							\$ -	\$ -	\$ -
12/26/2020	1	505.026			\$0	603							\$ -	\$ -	\$ -
12/26/2020	2	501.079			\$0	603							\$ -	\$ -	\$ -
12/26/2020	3	495.332			\$0	595							\$ -	\$ -	\$ -
12/26/2020	4	494.406			\$0	604							\$ -	\$ -	\$ -
12/26/2020	5	503.565			\$0	602							\$ -	\$ -	\$ -
12/26/2020	6	518.794			\$0	601							\$ -	\$ -	\$ -
12/26/2020	7	534.839			\$0	588							\$ -	\$ -	\$ -
12/26/2020	8	539.153			\$0	602							\$ -	\$ -	\$ -
12/26/2020	9	531.741			\$0	600							\$ -	\$ -	\$ -
12/26/2020	10	517.244			\$0	602							\$ -	\$ -	\$ -
12/26/2020	11	505.367			\$0	602							\$ -	\$ -	\$ -
12/26/2020	12	490.734			\$0	602							\$ -	\$ -	\$ -
12/26/2020	13	471.131			\$0	602							\$ -	\$ -	\$ -
12/26/2020	14	458.295			\$0	601							\$ -	\$ -	\$ -
12/26/2020	15	453.309			\$0	604							\$ -	\$ -	\$ -

Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)	
12/26/2020	16	459.103			\$0	602							\$	-	\$	-
12/26/2020	17	495.404			\$0	602							\$	-	\$	-
12/26/2020	18	516.207			\$0	604							\$	-	\$	-
12/26/2020	19	515.11			\$0	584							\$	-	\$	-
12/26/2020	20	511.984			\$0	600							\$	-	\$	-
12/26/2020	21	504.941			\$0	603							\$	-	\$	-
12/26/2020	22	488.912			\$0	604							\$	-	\$	-
12/26/2020	23	472.118			\$0	603							\$	-	\$	-
12/27/2020	0	456.803			\$0	598							\$	-	\$	-
12/27/2020	1	448			\$0	601							\$	-	\$	-
12/27/2020	2	442.592			\$0	603							\$	-	\$	-
12/27/2020	3	442.117			\$0	601							\$	-	\$	-
12/27/2020	4	444.45			\$0	602							\$	-	\$	-
12/27/2020	5	450.31			\$0	600							\$	-	\$	-
12/27/2020	6	459.798			\$0	600							\$	-	\$	-
12/27/2020	7	471.731			\$0	600							\$	-	\$	-
12/27/2020	8	473.672			\$0	584							\$	-	\$	-
12/27/2020	9	469.384			\$0	568							\$	-	\$	-
12/27/2020	10	467.639			\$0	495							\$	-	\$	-
12/27/2020	11	455.074	44.07	\$21.70	\$956	411							\$	956	\$	956
12/27/2020	12	442.558	102.56	\$20.52	\$2,105	340							\$	2,105	\$	1,929
12/27/2020	13	432.967	104.97	\$19.90	\$2,089	328							\$	2,089	\$	1,871
12/27/2020	14	421.424	93.42	\$19.22	\$1,796	328							\$	1,796	\$	1,796
12/27/2020	15	422.918	94.92	\$19.67	\$1,867	328							\$	1,867	\$	1,849
12/27/2020	16	431.512	86.51	\$21.81	\$1,887	345							\$	1,887	\$	1,887
12/27/2020	17	458.945	12.95	\$27.12	\$351	446							\$	351	\$	351
12/27/2020	18	469.623			\$0	535							\$	-	\$	-
12/27/2020	19	463.402			\$0	587							\$	-	\$	-
12/27/2020	20	453.57			\$0	603							\$	-	\$	-
12/27/2020	21	437.971			\$0	575							\$	-	\$	-
12/27/2020	22	420.362			\$0	487							\$	-	\$	-
12/27/2020	23	397.076	29.08	\$18.86	\$548	368							\$	548	\$	548
12/28/2020	0	381.683	70.68	\$19.12	\$1,351	311							\$	1,351	\$	1,351
12/28/2020	1	370.687	55.69	\$18.69	\$1,041	315							\$	1,041	\$	1,041
12/28/2020	2	364.796	55.8	\$18.30	\$1,021	309							\$	1,021	\$	1,021
12/28/2020	3	362.177	51.18	\$18.24	\$934	311							\$	934	\$	934
12/28/2020	4	368.158	58.16	\$19.21	\$1,117	310							\$	1,117	\$	1,117
12/28/2020	5	388.993	61.99	\$20.08	\$1,245	327							\$	1,245	\$	1,245
12/28/2020	6	418.844	2.84	\$23.34	\$66	416							\$	66	\$	66
12/28/2020	7	452.675			\$0	513							\$	-	\$	-
12/28/2020	8	469.637			\$0	596							\$	-	\$	-
12/28/2020	9	484.562			\$0	602							\$	-	\$	-
12/28/2020	10	497.514			\$0	602							\$	-	\$	-
12/28/2020	11	501.315			\$0	603							\$	-	\$	-
12/28/2020	12	498.285			\$0	603							\$	-	\$	-
12/28/2020	13	499.302			\$0	573							\$	-	\$	-
12/28/2020	14	499.618	18.62	\$22.61	\$421	481							\$	421	\$	421
12/28/2020	15	506.656	81.66	\$23.76	\$1,940	425							\$	1,940	\$	1,940
12/28/2020	16	514.428	34.43	\$25.24	\$869	480							\$	869	\$	869
12/28/2020	17	535.089			\$0	583							\$	-	\$	-
12/28/2020	18	541.154			\$0	604							\$	-	\$	-
12/28/2020	19	536.247			\$0	603							\$	-	\$	-
12/28/2020	20	525.243			\$0	604							\$	-	\$	-
12/28/2020	21	510.261			\$0	603							\$	-	\$	-
12/28/2020	22	493.518			\$0	602							\$	-	\$	-
12/28/2020	23	471.765			\$0	554							\$	-	\$	-



Hourly Purchase Energy Expense Detail - 2019 & 2020

Generator Output (MW)

Date	Hour	Customer Demand (MW)	Purchase Energy (MWh)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5	Woodsdale 6	Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)
12/29/2020	0	454.088	13.09	\$19.46	\$255	441							\$ 255	\$ 255	\$ -
12/29/2020	1	445.166	74.17	\$18.75	\$1,391	371							\$ 1,391	\$ 1,391	\$ -
12/29/2020	2	439.308	110.31	\$18.79	\$2,073	329							\$ 2,073	\$ 1,766	\$ 306
12/29/2020	3	438.357	137.36	\$19.02	\$2,613	301							\$ 2,613	\$ 1,788	\$ 825
12/29/2020	4	447.357	137.36	\$19.40	\$2,665	310							\$ 2,665	\$ 1,824	\$ 841
12/29/2020	5	464.195	134.2	\$21.02	\$2,821	330							\$ 2,821	\$ 1,976	\$ 845
12/29/2020	6	490.761	44.76	\$24.64	\$1,103	446							\$ 1,103	\$ 1,103	\$ -
12/29/2020	7	517.193			\$0	549							\$ -	\$ -	\$ -
12/29/2020	8	524.948			\$0	599							\$ -	\$ -	\$ -
12/29/2020	9	517.21			\$0	553							\$ -	\$ -	\$ -
12/29/2020	10	510.796	75.8	\$23.50	\$1,781	435							\$ 1,781	\$ 1,781	\$ -
12/29/2020	11	510.986	120.99	\$23.22	\$2,809	390							\$ 2,809	\$ 2,183	\$ 627
12/29/2020	12	497.146	149.15	\$21.22	\$3,165	348							\$ 3,165	\$ 1,995	\$ 1,170
12/29/2020	13	486.175	185.18	\$20.20	\$3,741	301							\$ 3,741	\$ 1,899	\$ 1,842
12/29/2020	14	483.121	173.12	\$20.33	\$3,520	310							\$ 3,520	\$ 1,911	\$ 1,609
12/29/2020	15	495.732	183.73	\$20.83	\$3,827	312							\$ 3,827	\$ 1,958	\$ 1,869
12/29/2020	16	503.276	97.28	\$25.89	\$2,519	406							\$ 2,519	\$ 2,434	\$ 85
12/29/2020	17	525.388	21.39	\$36.90	\$789	504							\$ 789	\$ 789	\$ -
12/29/2020	18	533.83			\$0	584							\$ -	\$ -	\$ -
12/29/2020	19	526.783			\$0	549							\$ -	\$ -	\$ -
12/29/2020	20	515.987	12.99	\$28.34	\$368	503							\$ 368	\$ 368	\$ -
12/29/2020	21	502.162	38.16	\$27.02	\$1,031	464							\$ 1,031	\$ 1,031	\$ -
12/29/2020	22	482.318	6.32	\$24.37	\$154	476							\$ 154	\$ 154	\$ -
12/29/2020	23	459.587	45.59	\$21.49	\$980	414							\$ 980	\$ 980	\$ -
12/30/2020	0	445.341	45.34	\$19.57	\$887	400							\$ 887	\$ 887	\$ -
12/30/2020	1	436.641	69.64	\$18.73	\$1,304	367							\$ 1,304	\$ 1,304	\$ -
12/30/2020	2	429.695	130.7	\$18.76	\$2,452	299							\$ 2,452	\$ 1,763	\$ 688
12/30/2020	3	425.582	115.58	\$18.97	\$2,193	310							\$ 2,193	\$ 1,783	\$ 409
12/30/2020	4	430.484	121.48	\$19.32	\$2,347	309							\$ 2,347	\$ 1,816	\$ 531
12/30/2020	5	443.262	124.26	\$20.18	\$2,508	319							\$ 2,508	\$ 1,897	\$ 611
12/30/2020	6	463.825	101.83	\$22.83	\$2,325	362							\$ 2,325	\$ 2,146	\$ 179
12/30/2020	7	485.452	30.45	\$25.49	\$776	455							\$ 776	\$ 776	\$ -
12/30/2020	8	486.59			\$0	523							\$ -	\$ -	\$ -
12/30/2020	9	481.944	47.94	\$23.79	\$1,140	434							\$ 1,140	\$ 1,140	\$ -
12/30/2020	10	476.193	87.19	\$23.48	\$2,047	389							\$ 2,047	\$ 2,047	\$ -
12/30/2020	11	469.556	153.56	\$21.77	\$3,343	316							\$ 3,343	\$ 2,046	\$ 1,297
12/30/2020	12	471.752	161.75	\$19.89	\$3,217	310							\$ 3,217	\$ 1,870	\$ 1,348
12/30/2020	13	465.942	158.94	\$19.56	\$3,109	307							\$ 3,109	\$ 1,839	\$ 1,270
12/30/2020	14	465.134	167.13	\$19.22	\$3,212	298							\$ 3,212	\$ 1,807	\$ 1,406
12/30/2020	15	462.063	155.06	\$19.07	\$2,957	307							\$ 2,957	\$ 1,793	\$ 1,164
12/30/2020	16	468.084	150.08	\$21.18	\$3,179	318							\$ 3,179	\$ 1,991	\$ 1,188
12/30/2020	17	478.835	96.84	\$25.20	\$2,440	382							\$ 2,440	\$ 2,369	\$ 72
12/30/2020	18	476.944	65.94	\$23.83	\$1,571	411							\$ 1,571	\$ 1,571	\$ -
12/30/2020	19	468.076	56.08	\$22.98	\$1,289	412							\$ 1,289	\$ 1,289	\$ -
12/30/2020	20	464.165	61.17	\$21.70	\$1,327	403							\$ 1,327	\$ 1,327	\$ -
12/30/2020	21	453.368	92.37	\$20.14	\$1,860	361							\$ 1,860	\$ 1,860	\$ -
12/30/2020	22	439.68	129.68	\$18.28	\$2,371	310							\$ 2,371	\$ 1,718	\$ 652
12/30/2020	23	422.019	109.02	\$17.59	\$1,918	313							\$ 1,918	\$ 1,653	\$ 264
12/31/2020	0	409.622	81.62	\$17.21	\$1,405	328							\$ 1,405	\$ 1,405	\$ -
12/31/2020	1	402.787	83.79	\$16.89	\$1,415	319							\$ 1,415	\$ 1,415	\$ -
12/31/2020	2	399.864	71.86	\$16.46	\$1,183	328							\$ 1,183	\$ 1,183	\$ -
12/31/2020	3	400.886	73.89	\$16.54	\$1,222	327							\$ 1,222	\$ 1,222	\$ -
12/31/2020	4	406.911	79.91	\$16.99	\$1,358	327							\$ 1,358	\$ 1,358	\$ -
12/31/2020	5	419.689	90.69	\$17.60	\$1,596	329							\$ 1,596	\$ 1,596	\$ -
12/31/2020	6	432.41	99.41	\$19.60	\$1,948	333							\$ 1,948	\$ 1,842	\$ 106
12/31/2020	7	452.981	38.98	\$22.48	\$876	414							\$ 876	\$ 876	\$ -

**Hourly Purchase Energy Expense Detail - 2019 & 2020**

Generator Output (MW)

Date	Hour	Customer	Purchase Energy (MW)	Purchase Energy Cost (\$/MWh)	Total Purchase Energy Expense (\$)	Generator Output (MW)						Intermediate Calculation (\$)	Intermediate Calculation (\$)	Intermediate Calculation (\$)			
						East Bend	Woodsdale 1	Woodsdale 2	Woodsdale 3	Woodsdale 4	Woodsdale 5				Woodsdale 6		
12/31/2020	8		470.67		\$0	484						\$	-	\$	-	\$	-
12/31/2020	9		482.392		\$0	558						\$	-	\$	-	\$	-
12/31/2020	10		492.185		\$0	599						\$	-	\$	-	\$	-
12/31/2020	11		499.025		\$0	586						\$	-	\$	-	\$	-
12/31/2020	12		487.144		\$0	601						\$	-	\$	-	\$	-
12/31/2020	13		488.104		\$0	603						\$	-	\$	-	\$	-
12/31/2020	14		477.246		\$0	603						\$	-	\$	-	\$	-
12/31/2020	15		468.317		\$0	601						\$	-	\$	-	\$	-
12/31/2020	16		471.24		\$0	602						\$	-	\$	-	\$	-
12/31/2020	17		498.884		\$0	603						\$	-	\$	-	\$	-
12/31/2020	18		502.91		\$0	603						\$	-	\$	-	\$	-
12/31/2020	19		488.059		\$0	585						\$	-	\$	-	\$	-
12/31/2020	20		474.312		\$0	519						\$	-	\$	-	\$	-
12/31/2020	21		459.466		\$0	466						\$	-	\$	-	\$	-
12/31/2020	22		446.529		\$0	503						\$	-	\$	-	\$	-
12/31/2020	23		431.524	0	\$0.00	\$0	499					\$	-	\$	-	\$	-

**Duke Energy Kentucky**  
**Case No. 2021-00086**  
**STAFF First Set Data Requests**  
**Date Received: April 14, 2021**

**STAFF-DR-01-009**

**REQUEST:**

Given the recent events and price spikes in Texas:

- a. Explain whether Duke Kentucky has considered altering its backup power supply plan.
- b. Provide how Duke Kentucky's proposed backup power supply plan, or Alternative B, will avoid the financial stress and lack of supply seen in Texas.

**RESPONSE:**

- a. Duke Energy Kentucky reviewed impact of similar events and concluded that no change is necessary for its Backup Power Supply Plan.
- b. Though the Backup Power Supply Plan itself wasn't designed to avoid the financial stress and lack of supply recently seen in Texas, Duke Energy Kentucky's generation system can be relied on to protect customers in such events.

The recent price spikes and rolling blackouts in Texas were, to a large degree, caused by lack of power production due to disruption of natural gas supply by severe weather and wind generation supply interruptions.<sup>1</sup> Duke Energy Kentucky's generation portfolio has been designed to largely be unaffected by such issues, at least for a short period of time. East Bend unit 2 typically keeps 25 or more full load burn days of coal inventory on site and therefore can sustain unexpected short-term supply disruptions. In

---

<sup>1</sup> Refer to page 13 and 14 of the following ERCOT presentation:  
[http://www.ercot.com/content/wcm/key\\_documents\\_lists/225373/Urgent\\_Board\\_of\\_Directors\\_Meeting\\_2-24-2021.pdf](http://www.ercot.com/content/wcm/key_documents_lists/225373/Urgent_Board_of_Directors_Meeting_2-24-2021.pdf)

addition, as of June 1, 2019, all 6 Woodsdale CT units have dual fuel capability and can burn either natural gas or fuel oil. The Company maintains enough fuel oil to run all 6 units at full load for 72 hours. Additionally, the Company has contracts with suppliers to replenish inventory when fuel oil is being used to produce electricity, as was the case during this past February.

**PERSON RESPONSIBLE:** Michael Chen  
John Swez