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Libbie Miller
Rates & Regulatory Manager

December 19, 2024

Ms. Linda Bridwell, Executive Director

Kentucky Public Service Commission
211 Sower Boulevard
P.O. Box 615
Frankfort, Kentucky 40602-0615

RECEIVED

DEC 19 2024

PUBLIC SERVICE
COMMISSION

Dear Ms. Bridwell:

In compliance with 807 KAR 5:056, enclosed for the month of October 2024 are Duke Energy Kentucky's supplemental schedules for the fuel adjustment clause applied to customers' bills in the month of December 2024.

The fuel costs are documented on the attached schedules.

1. Fuel Inventory Schedule – Coal
2. Fuel Inventory Schedule – Gas
3. Fuel Inventory Schedule – Oil
4. Purchased Power & Sales Schedule
5. Coal Contract Details
6. Gas/Propane Purchases Details
7. Unit Performance Data
8. Analysis of Purchased Power Cost vs. DEK Highest Cost Generation
9. Net Fuel Related RTO Billing Line Items

On March 16, 2020, the Commission issued an order in Case No. 2020-00085, Electronic Emergency Docket Related to the Novel Coronavirus COVID-19. The order indicated that "The Commission finds that, to the degree possible, the filing of physical documents with the Commission should be temporarily suspended." Accordingly, Duke Energy Kentucky is making this filing electronically and will file an original of the reports with the Commission once the state of emergency has ceased.

Please contact me if you have any questions.

Sincerely,

/s/ Libbie Miller

Enclosure

DUKE ENERGY KENTUCKY

Fuel Type: Coal
 Month Ended: October 31, 2024

Unit: \longrightarrow East Bend Unit 2

	Amount	MMBtu	Per Unit	Tons	Per Unit
Beginning Inventory	\$ 20,651,688	N/A	N/A	286,327	\$ 72.13
Purchases	\$ 258,783 ^(a)	-	-	-	-
Sub-Total	\$ 20,910,471	N/A	N/A	286,327	\$ 73.03
Less: Fuel Burned	\$ 1,529,622 ^(b)	534,040	\$ 2.86	22,235	\$ 68.79
Ending Inventory	\$ 19,380,849	N/A	N/A	264,092	\$ 73.39

Note: Beginning and Ending Inventory MMBtu and Per Unit Cost Per MMBtu are not meaningful and therefore are not reported upon. This is the result of quality variances that occur over time between the received quality and the consumed quality of coal. Only the received and consumed MMBtu's are reported.

Note: Totals may not foot due to rounding

Note ^(a): Coal penalty / premium and transportation adjustments

Note ^(b): Accounting adjustment due to annual coal pile survey and a consumption adjustment from prior month

Note ^(c): East Bend planned outage from early September through early November

* - Amount of KY sourced coal burned	East Bend Unit 2
Total Tons Burned	22,235
% of KY Sourced Coal Purchased	0.00%
Tons of KY Sourced Coal Burned	0

DUKE ENERGY KENTUCKY

Fuel Type: Gas
 Month Ended: October 31, 2024
 Unit: Woodsdale

	Amount (\$)	MCF	\$/MCF
Beginning Inventory	\$ -	-	-
Purchases	\$ 1,577,520	677,999	\$ 2.33
Sub-Total	\$ 1,577,520	677,999	\$ 2.33
Less: Fuel Burned	\$ 1,577,520	677,999	\$ 2.33
Ending Inventory	\$ -	-	\$ -

Note: Totals may not foot due to rounding

Note: East Bend planned outage from early September through early November

DUKE ENERGY KENTUCKY

Fuel Type: Oil
 Month Ended: October 31, 2024
 Unit: East Bend

	Amount (\$)	Gallons	\$/Gallon
Beginning Inventory	\$ 805,894	308,177	\$ 2.62
Purchases	\$ 35,291	14,873	\$ 2.37
Sub-Total	\$ 841,185	323,050	\$ 2.60
Less: Fuel Burned	\$ 39,127	14,963	\$ 2.61
Ending Inventory	\$ 802,058	308,087	\$ 2.60

Fuel Type: Oil
 Month Ended: October 31, 2024
 Unit: Woodsdale

	Amount (\$)	Gallons	\$/Gallon
Beginning Inventory	\$ 10,689,468	3,839,265	\$ 2.78
Purchases	\$ -	-	\$ -
Sub-Total	\$ 10,689,468	3,839,265	\$ 2.78
Less: Fuel Burned	\$ -	-	\$ -
Ending Inventory	\$ 10,689,468	3,839,265	\$ 2.78

Total DEK Ending Inventory \$ 11,491,526

Note: Totals may not foot due to rounding

Note: East Bend planned outage from early September through early November

DUKE ENERGY KENTUCKY

Resource Type:
Month Ended:

Purchased Power & Sales
October 31, 2024

Supplier/Buyer	Transaction Type	kWh	Charges (\$)			
			Demand	Fuel	Other	Total
PJM Interconnection, LLC	Econ Purch	259,073,080			8,355,168	8,355,168
L'Oreal USA	Econ Purch				2	2
ICAP Energy LLC. (ICAP B)	Financial Hedges				176	176
IntercontinentalExchange, L.L.C. (Intercont Exchng B)	Financial Hedges				700	700
Wells Fargo Securities, LLC (Wells Fargo Secur)	Financial Hedges				9	9
Wells Fargo Securities, LLC (Wells Fargo Secur)	Financial Hedges				209,375	209,375
	Total Purchases	<u>259,073,080</u>	<u>0</u>	<u>0</u>	<u>8,565,430</u>	<u>8,565,430</u>
PJM Interconnection, LLC	Econ Sales	0		113,065 (a)	(113,065)	0
	Total Sales	<u>0</u>	<u>0</u>	<u>113,065</u>	<u>(113,065)</u>	<u>0</u>

Note: (a) Accounting adjustment due to annual coal pile survey

DUKE ENERGY KENTUCKY

Coal Contract Details

Month Ended:

October 31, 2024

Station Name	MSHA	State	Supplier	Purchase Order	Transport Method	Tons	Btu/lb	MMBtu/Ton	Price (@ mine)		Transport Cost		Delivered Cost		Quality		
	ID	Abbrev.							\$/ton	¢/MMBtu	\$/ton	¢/MMBtu	\$/ton	¢/MMBtu	%SO ₂	%Ash	%H ₂ O
East Bend _1/	0	0	0	0	0	-	-	-	-	-	-	-	-	-	0.00%	0.00%	0.00%
	0	0	0	0	0	-	-	-	-	-	-	-	-	-	0.00%	0.00%	0.00%
	0	0	0	0	0	-	-	-	-	-	-	-	-	-	0.00%	0.00%	0.00%
Total Contract						-	-	-	-	-	-	-	-	-			
Total Spot	0	0	0	0	0	-	-	-	-	-	-	-	-	-	0.00%	0.00%	0.00%
Total East Bend						-	-	-	-	-	-	-	-	-			
				KY sourced coal as % of total tons received		0.00%											
Total Duke Energy Kentucky System						-	-	-	-	-	-	-	-	-			

_1/ East Bend receipts by vendor in total

Note: East Bend planned outage from early September through early November

DUKE ENERGY KENTUCKY

Gas/Propane Purchases Details

Month Ended: **October 31, 2024**

Station Name	Supplier	Purchase Order	Transport Method	MCF	Btu/MCF	Delivered Cost		Quality
						\$/MCF	\$/MMBtu	%SO ₂
Woodsdale	ECO-ENERGY	N/A	Pipeline	208,155	1.028	\$ 2.32	\$ 2.26	N/A
Woodsdale	NJR	N/A	Pipeline	-	1.028	\$ -	\$ -	N/A
Woodsdale	TENASKA	N/A	Pipeline	274,319	1.028	\$ 2.44	\$ 2.37	N/A
Woodsdale	TWIN EAGLE	N/A	Pipeline	-	1.028	\$ -	\$ -	N/A
Woodsdale	NRG BUSINESS MARKETING	N/A	Pipeline	-	1.028	\$ -	\$ -	N/A
Woodsdale	VITOL	N/A	Pipeline	195,525	1.028	\$ 2.18	\$ 2.12	N/A
				677,999	1.028	\$ 2.33	\$ 2.26	

Note: East Bend planned outage from early September through early November

DUKE ENERGY KENTUCKY

Generating Unit Performance

Month Ended:

October 31, 2024

	East Bend No. 2	Woodsdale						Total Station
		No. 1	No. 2	No. 3	No. 4	No. 5	No. 6	
Unit Performance								
1.a Capacity (name plate rating - MW)	768.0	95.4	95.4	95.4	95.4	95.4	95.4	572.2
1.b Capacity (average load while operating - MW) (2.c)/(3.a)	0.0	32.5	31.5	34.3	0.0	59.5	31.4	37.3
1.c Net Demonstrated Capability (MW)	600.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
1.d Net Capability Factor (1.b)/(1.c)	0.0%	37.8%	36.6%	39.9%	0.0%	69.2%	36.6%	43.4%
Heat Rate								
2.a Btu Consumed (MMBtu)	536,121	N/A	N/A	N/A	N/A	N/A	N/A	696,983
2.b Gross Generation (MWh)	-	13,741	13,202	9,995	-	16,726	4,886	58,550
2.c Net Generation (MWh)	(4,396)	13,610	13,085	9,896	(60)	16,652	4,863	58,046
2.d Heat Rate (2.a)/(2.c) (MMBtu/kWh)	(121,957)	N/A	N/A	N/A	N/A	N/A	N/A	12,007
Operation Availability								
3.a Hours Unit Operated	0.0	418.4	415.2	288.2	0.0	279.7	154.7	1,556.2
3.b Hours Available	0.0	720.0	717.7	518.8	0.0	440.8	294.5	2,691.8
3.c Hours During the Period	744.0	744.0	744.0	744.0	744.0	744.0	744.0	4,464.0
3.d Availability Factor (3.b)/(3.c)	0.0%	96.8%	96.5%	69.7%	0.0%	59.2%	39.6%	60.3%
Cost per kWh (at busbar)								
4.a Gross Generation (¢/kWh)	-	N/A	N/A	N/A	N/A	N/A	N/A	2.69
4.b Net Generation (¢/kWh)	(35.69)	N/A	N/A	N/A	N/A	N/A	N/A	2.72
Inventory								
5.a Number of Days Supply Based On Actual Burn at Station	368	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Note: East Bend planned outage from early September through early November

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Analysis of Purchased Power Cost vs. Woodsdale Average of Maximum and Minimum Load \$/MWh Fuel Cost

[A] = Woodsdale Average Heat Rate at Minimum Load	83,217	Btu/kWh
[B] = Maximum Monthly Natural Gas Price	\$2.99	\$/MMBtu
[C] = ([A] / 1000) * [B] = Woodsdale Fuel Cost at Minimum Load	\$ 248.82	\$/MWh
[D] = Woodsdale Average Heat Rate at Maximum Load	15,093	Btu/kWh
[E] = ([D] / 1000) * [B] = Woodsdale Fuel Cost at Maximum Load	\$ 45.13	\$/MWh
[F] = ([C]+[E])/2 = Average of Maximum and Minimum Load \$/MWh Fuel Cost	\$ 146.97	

Date	Hour Beginning	PJM Purchase Quantity (MWh)	PJM Purchase Cost (\$)	PJM Purchase Cost (\$/MWh)	[F] = Average of Maximum and Minimum Load \$/MWh Fuel Cost	Purchase Cost Exceeds Average of Maximum and Minimum Load \$/MWh Fuel Cost? (0 = No, 1 = Yes)	Purchase Power Cost Exceeding Average of Maximum and Minimum Load \$/MWh Fuel Cost
10/1/2024	0	413	11,149.42	\$ 26.97	146.97	0	\$ -
10/1/2024	1	395	8,393.56	\$ 21.27	146.97	0	\$ -
10/1/2024	2	389	7,322.65	\$ 18.84	146.97	0	\$ -
10/1/2024	3	397	8,313.64	\$ 20.92	146.97	0	\$ -
10/1/2024	4	418	11,359.88	\$ 27.18	146.97	0	\$ -
10/1/2024	5	453	18,976.61	\$ 41.87	146.97	0	\$ -
10/1/2024	6	455	20,264.45	\$ 44.53	146.97	0	\$ -
10/1/2024	7	488	20,766.07	\$ 42.59	146.97	0	\$ -
10/1/2024	8	501	20,539.90	\$ 40.98	146.97	0	\$ -
10/1/2024	9	519	19,564.72	\$ 37.70	146.97	0	\$ -
10/1/2024	10	524	19,651.12	\$ 37.51	146.97	0	\$ -
10/1/2024	11	490	18,904.52	\$ 38.60	146.97	0	\$ -
10/1/2024	12	479	19,063.72	\$ 39.82	146.97	0	\$ -
10/1/2024	13	428	17,489.13	\$ 40.89	146.97	0	\$ -
10/1/2024	14	425	16,123.82	\$ 37.97	146.97	0	\$ -
10/1/2024	15	508	20,860.58	\$ 41.04	146.97	0	\$ -
10/1/2024	16	547	25,758.49	\$ 47.11	146.97	0	\$ -
10/1/2024	17	437	22,677.87	\$ 51.90	146.97	0	\$ -
10/1/2024	18	460	24,816.25	\$ 53.97	146.97	0	\$ -
10/1/2024	19	527	21,076.85	\$ 40.01	146.97	0	\$ -
10/1/2024	20	520	17,780.66	\$ 34.18	146.97	0	\$ -
10/1/2024	21	485	14,729.21	\$ 30.36	146.97	0	\$ -
10/1/2024	22	442	10,724.42	\$ 24.27	146.97	0	\$ -
10/1/2024	23	408	8,802.67	\$ 21.59	146.97	0	\$ -
10/2/2024	0	387	7,506.61	\$ 19.38	146.97	0	\$ -
10/2/2024	1	370	6,637.47	\$ 17.94	146.97	0	\$ -
10/2/2024	2	363	6,430.59	\$ 17.71	146.97	0	\$ -
10/2/2024	3	367	7,388.57	\$ 20.14	146.97	0	\$ -
10/2/2024	4	360	9,592.06	\$ 26.68	146.97	0	\$ -
10/2/2024	5	411	15,622.90	\$ 38.02	146.97	0	\$ -
10/2/2024	6	436	18,788.42	\$ 43.05	146.97	0	\$ -
10/2/2024	7	439	15,836.24	\$ 36.05	146.97	0	\$ -
10/2/2024	8	439	14,592.39	\$ 33.22	146.97	0	\$ -
10/2/2024	9	461	12,995.57	\$ 28.18	146.97	0	\$ -
10/2/2024	10	471	14,598.28	\$ 30.99	146.97	0	\$ -
10/2/2024	11	482	14,958.69	\$ 31.05	146.97	0	\$ -

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Analysis of Purchased Power Cost vs. Woodsdale Average of Maximum and Minimum Load \$/MWh Fuel Cost

[A] = Woodsdale Average Heat Rate at Minimum Load	83,217	Btu/kWh
[B] = Maximum Monthly Natural Gas Price	\$2.99	\$/MMBtu
[C] = ([A] / 1000) * [B] = Woodsdale Fuel Cost at Minimum Load	\$ 248.82	\$/MWh
[D] = Woodsdale Average Heat Rate at Maximum Load	15,093	Btu/kWh
[E] = ([D] / 1000) * [B] = Woodsdale Fuel Cost at Maximum Load	\$ 45.13	\$/MWh
[F] = ([C]+[E])/2 = Average of Maximum and Minimum Load \$/MWh Fuel Cost	\$ 146.97	

Date	Hour Beginning	PJM Purchase Quantity (MWh)	PJM Purchase Cost (\$)	PJM Purchase Cost (\$/MWh)	[F] = Average of Maximum and Minimum Load \$/MWh Fuel Cost	Purchase Cost Exceeds Average of Maximum and Minimum Load \$/MWh Fuel Cost? (0 = No, 1 = Yes)	Purchase Power Cost Exceeding Average of Maximum and Minimum Load \$/MWh Fuel Cost
10/2/2024	12	491	16,929.54	\$ 34.51	\$ 146.97	0	\$ -
10/2/2024	13	499	16,878.60	\$ 33.80	\$ 146.97	0	\$ -
10/2/2024	14	508	18,244.27	\$ 35.90	\$ 146.97	0	\$ -
10/2/2024	15	518	19,708.80	\$ 38.05	\$ 146.97	0	\$ -
10/2/2024	16	525	24,679.26	\$ 47.03	\$ 146.97	0	\$ -
10/2/2024	17	518	31,442.11	\$ 60.71	\$ 146.97	0	\$ -
10/2/2024	18	508	29,740.42	\$ 58.55	\$ 146.97	0	\$ -
10/2/2024	19	497	18,212.48	\$ 36.67	\$ 146.97	0	\$ -
10/2/2024	20	466	13,981.95	\$ 30.02	\$ 146.97	0	\$ -
10/2/2024	21	431	11,409.76	\$ 26.45	\$ 146.97	0	\$ -
10/2/2024	22	402	9,004.67	\$ 22.39	\$ 146.97	0	\$ -
10/2/2024	23	379	8,373.13	\$ 22.11	\$ 146.97	0	\$ -
10/3/2024	0	363	7,655.52	\$ 21.07	\$ 146.97	0	\$ -
10/3/2024	1	355	6,462.86	\$ 18.21	\$ 146.97	0	\$ -
10/3/2024	2	348	6,248.37	\$ 17.95	\$ 146.97	0	\$ -
10/3/2024	3	356	6,891.90	\$ 19.35	\$ 146.97	0	\$ -
10/3/2024	4	377	9,398.56	\$ 24.95	\$ 146.97	0	\$ -
10/3/2024	5	362	14,201.84	\$ 39.23	\$ 146.97	0	\$ -
10/3/2024	6	413	17,610.49	\$ 42.68	\$ 146.97	0	\$ -
10/3/2024	7	425	13,110.23	\$ 30.88	\$ 146.97	0	\$ -
10/3/2024	8	413	11,673.49	\$ 28.23	\$ 146.97	0	\$ -
10/3/2024	9	450	12,509.41	\$ 27.81	\$ 146.97	0	\$ -
10/3/2024	10	439	12,857.21	\$ 29.32	\$ 146.97	0	\$ -
10/3/2024	11	470	14,879.98	\$ 31.64	\$ 146.97	0	\$ -
10/3/2024	12	472	15,303.38	\$ 32.43	\$ 146.97	0	\$ -
10/3/2024	13	429	15,347.16	\$ 35.80	\$ 146.97	0	\$ -
10/3/2024	14	518	19,283.80	\$ 37.20	\$ 146.97	0	\$ -
10/3/2024	15	446	20,801.76	\$ 46.60	\$ 146.97	0	\$ -
10/3/2024	16	455	29,940.94	\$ 65.74	\$ 146.97	0	\$ -
10/3/2024	17	467	33,289.80	\$ 71.34	\$ 146.97	0	\$ -
10/3/2024	18	406	24,187.77	\$ 59.64	\$ 146.97	0	\$ -
10/3/2024	19	410	18,915.31	\$ 46.15	\$ 146.97	0	\$ -
10/3/2024	20	400	15,745.32	\$ 39.32	\$ 146.97	0	\$ -
10/3/2024	21	439	15,180.18	\$ 34.58	\$ 146.97	0	\$ -
10/3/2024	22	415	11,809.06	\$ 28.43	\$ 146.97	0	\$ -
10/3/2024	23	384	9,127.19	\$ 23.77	\$ 146.97	0	\$ -

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Analysis of Purchased Power Cost vs. Woodsdale Average of Maximum and Minimum Load \$/MWh Fuel Cost

[A] = Woodsdale Average Heat Rate at Minimum Load	83,217	Btu/kWh
[B] = Maximum Monthly Natural Gas Price	\$2.99	\$/MMBtu
[C] = ([A] / 1000) * [B] = Woodsdale Fuel Cost at Minimum Load	\$ 248.82	\$/MWh
[D] = Woodsdale Average Heat Rate at Maximum Load	15,093	Btu/kWh
[E] = ([D] / 1000) * [B] = Woodsdale Fuel Cost at Maximum Load	\$ 45.13	\$/MWh
[F] = ([C]+[E])/2 = Average of Maximum and Minimum Load \$/MWh Fuel Cost	\$ 146.97	

Date	Hour Beginning	PJM Purchase Quantity (MWh)	PJM Purchase Cost (\$)	PJM Purchase Cost (\$/MWh)	[F] = Average of Maximum and Minimum Load \$/MWh Fuel Cost	Purchase Cost Exceeds Average of Maximum and Minimum Load \$/MWh Fuel Cost? (0 = No, 1 = Yes)	Purchase Power Cost Exceeding Average of Maximum and Minimum Load \$/MWh Fuel Cost
10/4/2024	0	369	7,330.85	\$ 19.85	\$ 146.97	0	\$ -
10/4/2024	1	352	6,365.97	\$ 18.10	\$ 146.97	0	\$ -
10/4/2024	2	348	6,023.26	\$ 17.31	\$ 146.97	0	\$ -
10/4/2024	3	356	6,617.99	\$ 18.60	\$ 146.97	0	\$ -
10/4/2024	4	366	8,619.17	\$ 23.52	\$ 146.97	0	\$ -
10/4/2024	5	383	13,807.71	\$ 36.05	\$ 146.97	0	\$ -
10/4/2024	6	402	14,898.63	\$ 37.02	\$ 146.97	0	\$ -
10/4/2024	7	419	13,691.55	\$ 32.66	\$ 146.97	0	\$ -
10/4/2024	8	413	11,836.80	\$ 28.64	\$ 146.97	0	\$ -
10/4/2024	9	445	12,983.45	\$ 29.16	\$ 146.97	0	\$ -
10/4/2024	10	457	13,937.59	\$ 30.51	\$ 146.97	0	\$ -
10/4/2024	11	484	16,433.74	\$ 33.98	\$ 146.97	0	\$ -
10/4/2024	12	497	19,602.80	\$ 39.42	\$ 146.97	0	\$ -
10/4/2024	13	521	22,265.06	\$ 42.74	\$ 146.97	0	\$ -
10/4/2024	14	519	23,940.70	\$ 46.09	\$ 146.97	0	\$ -
10/4/2024	15	544	28,262.33	\$ 51.94	\$ 146.97	0	\$ -
10/4/2024	16	513	33,232.24	\$ 64.78	\$ 146.97	0	\$ -
10/4/2024	17	512	33,359.70	\$ 65.15	\$ 146.97	0	\$ -
10/4/2024	18	484	27,912.74	\$ 57.62	\$ 146.97	0	\$ -
10/4/2024	19	465	17,701.36	\$ 38.11	\$ 146.97	0	\$ -
10/4/2024	20	429	15,336.83	\$ 35.77	\$ 146.97	0	\$ -
10/4/2024	21	346	11,212.72	\$ 32.36	\$ 146.97	0	\$ -
10/4/2024	22	415	11,541.30	\$ 27.82	\$ 146.97	0	\$ -
10/4/2024	23	389	10,156.72	\$ 26.10	\$ 146.97	0	\$ -
10/5/2024	0	370	8,834.54	\$ 23.85	\$ 146.97	0	\$ -
10/5/2024	1	353	7,127.87	\$ 20.20	\$ 146.97	0	\$ -
10/5/2024	2	344	6,610.56	\$ 19.21	\$ 146.97	0	\$ -
10/5/2024	3	337	6,482.82	\$ 19.22	\$ 146.97	0	\$ -
10/5/2024	4	346	6,891.18	\$ 19.91	\$ 146.97	0	\$ -
10/5/2024	5	345	7,929.24	\$ 22.98	\$ 146.97	0	\$ -
10/5/2024	6	349	8,778.50	\$ 25.18	\$ 146.97	0	\$ -
10/5/2024	7	375	9,195.55	\$ 24.55	\$ 146.97	0	\$ -
10/5/2024	8	405	9,423.99	\$ 23.29	\$ 146.97	0	\$ -
10/5/2024	9	428	9,716.68	\$ 22.69	\$ 146.97	0	\$ -
10/5/2024	10	394	8,926.49	\$ 22.66	\$ 146.97	0	\$ -
10/5/2024	11	453	11,188.01	\$ 24.72	\$ 146.97	0	\$ -

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Analysis of Purchased Power Cost vs. Woodsdale Average of Maximum and Minimum Load \$/MWh Fuel Cost

[A] = Woodsdale Average Heat Rate at Minimum Load	83,217	Btu/kWh
[B] = Maximum Monthly Natural Gas Price	\$2.99	\$/MMBtu
[C] = ([A] / 1000) * [B] = Woodsdale Fuel Cost at Minimum Load	\$ 248.82	\$/MWh
[D] = Woodsdale Average Heat Rate at Maximum Load	15,093	Btu/kWh
[E] = ([D] / 1000) * [B] = Woodsdale Fuel Cost at Maximum Load	\$ 45.13	\$/MWh
[F] = ([C]+[E])/2 = Average of Maximum and Minimum Load \$/MWh Fuel Cost	\$ 146.97	

Date	Hour Beginning	PJM Purchase Quantity (MWh)	PJM Purchase Cost (\$)	PJM Purchase Cost (\$/MWh)	[F] = Average of Maximum and Minimum Load \$/MWh Fuel Cost	Purchase Cost Exceeds Average of Maximum and Minimum Load \$/MWh Fuel Cost? (0 = No, 1 = Yes)	Purchase Power Cost Exceeding Average of Maximum and Minimum Load \$/MWh Fuel Cost
10/5/2024	12	391	10,430.94	\$ 26.66	\$ 146.97	0	\$ -
10/5/2024	13	467	13,718.38	\$ 29.38	\$ 146.97	0	\$ -
10/5/2024	14	501	16,213.48	\$ 32.37	\$ 146.97	0	\$ -
10/5/2024	15	461	17,470.08	\$ 37.91	\$ 146.97	0	\$ -
10/5/2024	16	423	25,532.69	\$ 60.39	\$ 146.97	0	\$ -
10/5/2024	17	430	27,798.89	\$ 64.62	\$ 146.97	0	\$ -
10/5/2024	18	439	22,878.77	\$ 52.08	\$ 146.97	0	\$ -
10/5/2024	19	421	15,995.31	\$ 37.96	\$ 146.97	0	\$ -
10/5/2024	20	410	13,050.73	\$ 31.82	\$ 146.97	0	\$ -
10/5/2024	21	410	11,226.76	\$ 27.36	\$ 146.97	0	\$ -
10/5/2024	22	408	9,609.13	\$ 23.56	\$ 146.97	0	\$ -
10/5/2024	23	379	8,087.67	\$ 21.36	\$ 146.97	0	\$ -
10/6/2024	0	364	6,272.50	\$ 17.25	\$ 146.97	0	\$ -
10/6/2024	1	348	5,313.68	\$ 15.26	\$ 146.97	0	\$ -
10/6/2024	2	341	4,280.48	\$ 12.54	\$ 146.97	0	\$ -
10/6/2024	3	340	4,423.06	\$ 13.03	\$ 146.97	0	\$ -
10/6/2024	4	342	5,110.54	\$ 14.96	\$ 146.97	0	\$ -
10/6/2024	5	319	5,804.92	\$ 18.17	\$ 146.97	0	\$ -
10/6/2024	6	343	7,112.80	\$ 20.72	\$ 146.97	0	\$ -
10/6/2024	7	326	6,109.56	\$ 18.73	\$ 146.97	0	\$ -
10/6/2024	8	387	6,867.37	\$ 17.74	\$ 146.97	0	\$ -
10/6/2024	9	387	7,647.60	\$ 19.78	\$ 146.97	0	\$ -
10/6/2024	10	457	9,850.39	\$ 21.55	\$ 146.97	0	\$ -
10/6/2024	11	452	11,191.19	\$ 24.74	\$ 146.97	0	\$ -
10/6/2024	12	458	11,879.21	\$ 25.91	\$ 146.97	0	\$ -
10/6/2024	13	419	12,332.63	\$ 29.46	\$ 146.97	0	\$ -
10/6/2024	14	437	13,204.75	\$ 30.21	\$ 146.97	0	\$ -
10/6/2024	15	439	17,515.85	\$ 39.92	\$ 146.97	0	\$ -
10/6/2024	16	453	27,608.10	\$ 60.92	\$ 146.97	0	\$ -
10/6/2024	17	394	30,677.70	\$ 77.80	\$ 146.97	0	\$ -
10/6/2024	18	368	27,571.89	\$ 74.97	\$ 146.97	0	\$ -
10/6/2024	19	403	17,135.07	\$ 42.49	\$ 146.97	0	\$ -
10/6/2024	20	401	12,677.13	\$ 31.60	\$ 146.97	0	\$ -
10/6/2024	21	360	11,187.49	\$ 31.09	\$ 146.97	0	\$ -
10/6/2024	22	423	11,837.23	\$ 28.01	\$ 146.97	0	\$ -
10/6/2024	23	386	9,242.45	\$ 23.93	\$ 146.97	0	\$ -

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Analysis of Purchased Power Cost vs. Woodsdale Average of Maximum and Minimum Load \$/MWh Fuel Cost

[A] = Woodsdale Average Heat Rate at Minimum Load	83,217	Btu/kWh
[B] = Maximum Monthly Natural Gas Price	\$2.99	\$/MMBtu
[C] = ([A] / 1000) * [B] = Woodsdale Fuel Cost at Minimum Load	\$ 248.82	\$/MWh
[D] = Woodsdale Average Heat Rate at Maximum Load	15,093	Btu/kWh
[E] = ([D] / 1000) * [B] = Woodsdale Fuel Cost at Maximum Load	\$ 45.13	\$/MWh
[F] = ([C]+[E])/2 = Average of Maximum and Minimum Load \$/MWh Fuel Cost	\$ 146.97	

Date	Hour Beginning	PJM Purchase Quantity (MWh)	PJM Purchase Cost (\$)	PJM Purchase Cost (\$/MWh)	[F] = Average of Maximum and Minimum Load \$/MWh Fuel Cost	Purchase Cost Exceeds Average of Maximum and Minimum Load \$/MWh Fuel Cost? (0 = No, 1 = Yes)	Purchase Power Cost Exceeding Average of Maximum and Minimum Load \$/MWh Fuel Cost
10/7/2024	0	367	7,862.36	\$ 21.45	146.97	0	\$ -
10/7/2024	1	352	6,647.56	\$ 18.90	146.97	0	\$ -
10/7/2024	2	343	6,485.42	\$ 18.92	146.97	0	\$ -
10/7/2024	3	348	7,235.45	\$ 20.81	146.97	0	\$ -
10/7/2024	4	363	10,396.52	\$ 28.61	146.97	0	\$ -
10/7/2024	5	347	17,026.36	\$ 49.05	146.97	0	\$ -
10/7/2024	6	364	21,604.50	\$ 59.32	146.97	0	\$ -
10/7/2024	7	295	11,252.38	\$ 38.08	146.97	0	\$ -
10/7/2024	8	397	12,860.68	\$ 32.36	146.97	0	\$ -
10/7/2024	9	321	10,497.25	\$ 32.69	146.97	0	\$ -
10/7/2024	10	397	13,383.61	\$ 33.71	146.97	0	\$ -
10/7/2024	11	350	12,363.05	\$ 35.35	146.97	0	\$ -
10/7/2024	12	445	16,131.72	\$ 36.26	146.97	0	\$ -
10/7/2024	13	416	14,731.88	\$ 35.44	146.97	0	\$ -
10/7/2024	14	457	16,139.73	\$ 35.29	146.97	0	\$ -
10/7/2024	15	457	16,971.85	\$ 37.14	146.97	0	\$ -
10/7/2024	16	368	23,286.15	\$ 63.33	146.97	0	\$ -
10/7/2024	17	273	23,965.62	\$ 87.92	146.97	0	\$ -
10/7/2024	18	260	19,147.60	\$ 73.76	146.97	0	\$ -
10/7/2024	19	238	9,977.16	\$ 41.96	146.97	0	\$ -
10/7/2024	20	262	10,072.55	\$ 38.43	146.97	0	\$ -
10/7/2024	21	251	8,604.21	\$ 34.35	146.97	0	\$ -
10/7/2024	22	261	8,007.82	\$ 30.66	146.97	0	\$ -
10/7/2024	23	332	9,654.79	\$ 29.12	146.97	0	\$ -
10/8/2024	0	353	9,047.57	\$ 25.63	146.97	0	\$ -
10/8/2024	1	345	8,378.60	\$ 24.27	146.97	0	\$ -
10/8/2024	2	340	7,918.68	\$ 23.26	146.97	0	\$ -
10/8/2024	3	341	7,956.48	\$ 23.31	146.97	0	\$ -
10/8/2024	4	324	9,535.65	\$ 29.45	146.97	0	\$ -
10/8/2024	5	361	17,483.09	\$ 48.41	146.97	0	\$ -
10/8/2024	6	373	21,054.87	\$ 56.48	146.97	0	\$ -
10/8/2024	7	396	14,039.04	\$ 35.46	146.97	0	\$ -
10/8/2024	8	429	12,716.55	\$ 29.63	146.97	0	\$ -
10/8/2024	9	441	13,079.07	\$ 29.64	146.97	0	\$ -
10/8/2024	10	444	12,891.90	\$ 29.01	146.97	0	\$ -
10/8/2024	11	457	12,968.95	\$ 28.37	146.97	0	\$ -

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Analysis of Purchased Power Cost vs. Woodsdale Average of Maximum and Minimum Load \$/MWh Fuel Cost

[A] = Woodsdale Average Heat Rate at Minimum Load	83,217	Btu/kWh
[B] = Maximum Monthly Natural Gas Price	\$2.99	\$/MMBtu
[C] = ([A] / 1000) * [B] = Woodsdale Fuel Cost at Minimum Load	\$ 248.82	\$/MWh
[D] = Woodsdale Average Heat Rate at Maximum Load	15,093	Btu/kWh
[E] = ([D] / 1000) * [B] = Woodsdale Fuel Cost at Maximum Load	\$ 45.13	\$/MWh
[F] = ([C]+[E])/2 = Average of Maximum and Minimum Load \$/MWh Fuel Cost	\$ 146.97	

Date	Hour Beginning	PJM Purchase Quantity (MWh)	PJM Purchase Cost (\$)	PJM Purchase Cost (\$/MWh)	[F] = Average of Maximum and Minimum Load \$/MWh Fuel Cost	Purchase Cost Exceeds Average of Maximum and Minimum Load \$/MWh Fuel Cost? (0 = No, 1 = Yes)	Purchase Power Cost Exceeding Average of Maximum and Minimum Load \$/MWh Fuel Cost
10/8/2024	12	464	13,287.12 \$	28.63 \$	146.97	0	\$ -
10/8/2024	13	471	13,947.11 \$	29.62 \$	146.97	0	\$ -
10/8/2024	14	477	13,896.59 \$	29.15 \$	146.97	0	\$ -
10/8/2024	15	483	16,028.95 \$	33.22 \$	146.97	0	\$ -
10/8/2024	16	451	23,165.54 \$	51.32 \$	146.97	0	\$ -
10/8/2024	17	251	21,002.40 \$	83.69 \$	146.97	0	\$ -
10/8/2024	18	323	23,160.46 \$	71.70 \$	146.97	0	\$ -
10/8/2024	19	265	11,013.69 \$	41.57 \$	146.97	0	\$ -
10/8/2024	20	259	9,011.65 \$	34.75 \$	146.97	0	\$ -
10/8/2024	21	349	11,659.89 \$	33.44 \$	146.97	0	\$ -
10/8/2024	22	388	11,082.04 \$	28.55 \$	146.97	0	\$ -
10/8/2024	23	366	9,830.03 \$	26.84 \$	146.97	0	\$ -
10/9/2024	0	350	7,952.08 \$	22.74 \$	146.97	0	\$ -
10/9/2024	1	344	6,896.44 \$	20.04 \$	146.97	0	\$ -
10/9/2024	2	337	6,994.47 \$	20.74 \$	146.97	0	\$ -
10/9/2024	3	344	7,509.92 \$	21.81 \$	146.97	0	\$ -
10/9/2024	4	366	10,066.48 \$	27.52 \$	146.97	0	\$ -
10/9/2024	5	330	14,254.80 \$	43.16 \$	146.97	0	\$ -
10/9/2024	6	289	16,254.16 \$	56.27 \$	146.97	0	\$ -
10/9/2024	7	324	11,018.78 \$	34.01 \$	146.97	0	\$ -
10/9/2024	8	438	12,695.34 \$	28.97 \$	146.97	0	\$ -
10/9/2024	9	448	12,674.54 \$	28.27 \$	146.97	0	\$ -
10/9/2024	10	454	13,332.74 \$	29.35 \$	146.97	0	\$ -
10/9/2024	11	461	13,809.69 \$	29.95 \$	146.97	0	\$ -
10/9/2024	12	474	14,394.51 \$	30.38 \$	146.97	0	\$ -
10/9/2024	13	482	16,363.80 \$	33.96 \$	146.97	0	\$ -
10/9/2024	14	490	17,459.57 \$	35.66 \$	146.97	0	\$ -
10/9/2024	15	496	18,497.89 \$	37.26 \$	146.97	0	\$ -
10/9/2024	16	502	28,550.03 \$	56.86 \$	146.97	0	\$ -
10/9/2024	17	457	37,703.76 \$	82.46 \$	146.97	0	\$ -
10/9/2024	18	387	29,121.17 \$	75.25 \$	146.97	0	\$ -
10/9/2024	19	360	15,190.44 \$	42.21 \$	146.97	0	\$ -
10/9/2024	20	231	8,887.65 \$	38.46 \$	146.97	0	\$ -
10/9/2024	21	361	11,566.48 \$	32.00 \$	146.97	0	\$ -
10/9/2024	22	395	9,820.70 \$	24.87 \$	146.97	0	\$ -
10/9/2024	23	371	7,554.56 \$	20.38 \$	146.97	0	\$ -

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Analysis of Purchased Power Cost vs. Woodsdale Average of Maximum and Minimum Load \$/MWh Fuel Cost

[A] = Woodsdale Average Heat Rate at Minimum Load	83,217	Btu/kWh
[B] = Maximum Monthly Natural Gas Price	\$2.99	\$/MMBtu
[C] = ([A] / 1000) * [B] = Woodsdale Fuel Cost at Minimum Load	\$ 248.82	\$/MWh
[D] = Woodsdale Average Heat Rate at Maximum Load	15,093	Btu/kWh
[E] = ([D] / 1000) * [B] = Woodsdale Fuel Cost at Maximum Load	\$ 45.13	\$/MWh
[F] = ([C]+[E])/2 = Average of Maximum and Minimum Load \$/MWh Fuel Cost	\$ 146.97	

Date	Hour Beginning	PJM Purchase Quantity (MWh)	PJM Purchase Cost (\$)	PJM Purchase Cost (\$/MWh)	[F] = Average of Maximum and Minimum Load \$/MWh Fuel Cost	Purchase Cost Exceeds Average of Maximum and Minimum Load \$/MWh Fuel Cost? (0 = No, 1 = Yes)	Purchase Power Cost Exceeding Average of Maximum and Minimum Load \$/MWh Fuel Cost
10/10/2024	0	356	6,509.76 \$	18.29 \$	146.97	0	\$ -
10/10/2024	1	347	5,683.25 \$	16.37 \$	146.97	0	\$ -
10/10/2024	2	342	5,574.05 \$	16.29 \$	146.97	0	\$ -
10/10/2024	3	348	5,803.96 \$	16.68 \$	146.97	0	\$ -
10/10/2024	4	365	9,055.35 \$	24.82 \$	146.97	0	\$ -
10/10/2024	5	377	15,995.01 \$	42.43 \$	146.97	0	\$ -
10/10/2024	6	350	17,851.44 \$	50.93 \$	146.97	0	\$ -
10/10/2024	7	375	11,541.02 \$	30.76 \$	146.97	0	\$ -
10/10/2024	8	387	9,490.73 \$	24.54 \$	146.97	0	\$ -
10/10/2024	9	443	10,188.71 \$	23.00 \$	146.97	0	\$ -
10/10/2024	10	447	10,553.49 \$	23.61 \$	146.97	0	\$ -
10/10/2024	11	459	11,474.97 \$	25.00 \$	146.97	0	\$ -
10/10/2024	12	465	11,489.64 \$	24.71 \$	146.97	0	\$ -
10/10/2024	13	469	11,118.07 \$	23.71 \$	146.97	0	\$ -
10/10/2024	14	478	11,377.51 \$	23.81 \$	146.97	0	\$ -
10/10/2024	15	481	13,602.52 \$	28.30 \$	146.97	0	\$ -
10/10/2024	16	423	17,793.29 \$	42.10 \$	146.97	0	\$ -
10/10/2024	17	423	28,736.05 \$	68.00 \$	146.97	0	\$ -
10/10/2024	18	300	20,231.02 \$	67.34 \$	146.97	0	\$ -
10/10/2024	19	368	15,590.70 \$	42.33 \$	146.97	0	\$ -
10/10/2024	20	357	12,033.60 \$	33.67 \$	146.97	0	\$ -
10/10/2024	21	412	12,814.64 \$	31.11 \$	146.97	0	\$ -
10/10/2024	22	388	10,660.18 \$	27.46 \$	146.97	0	\$ -
10/10/2024	23	367	9,719.55 \$	26.51 \$	146.97	0	\$ -
10/11/2024	0	350	8,345.55 \$	23.85 \$	146.97	0	\$ -
10/11/2024	1	342	7,535.92 \$	22.03 \$	146.97	0	\$ -
10/11/2024	2	339	7,427.46 \$	21.90 \$	146.97	0	\$ -
10/11/2024	3	349	8,102.56 \$	23.22 \$	146.97	0	\$ -
10/11/2024	4	363	11,189.25 \$	30.80 \$	146.97	0	\$ -
10/11/2024	5	366	18,682.29 \$	51.09 \$	146.97	0	\$ -
10/11/2024	6	366	23,216.19 \$	63.39 \$	146.97	0	\$ -
10/11/2024	7	409	14,985.73 \$	36.68 \$	146.97	0	\$ -
10/11/2024	8	435	11,705.02 \$	26.89 \$	146.97	0	\$ -
10/11/2024	9	445	12,210.19 \$	27.41 \$	146.97	0	\$ -
10/11/2024	10	451	12,082.94 \$	26.77 \$	146.97	0	\$ -
10/11/2024	11	457	11,933.74 \$	26.09 \$	146.97	0	\$ -

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Analysis of Purchased Power Cost vs. Woodsdale Average of Maximum and Minimum Load \$/MWh Fuel Cost

[A] = Woodsdale Average Heat Rate at Minimum Load	83,217	Btu/kWh
[B] = Maximum Monthly Natural Gas Price	\$2.99	\$/MMBtu
[C] = ([A] / 1000) * [B] = Woodsdale Fuel Cost at Minimum Load	\$ 248.82	\$/MWh
[D] = Woodsdale Average Heat Rate at Maximum Load	15,093	Btu/kWh
[E] = ([D] / 1000) * [B] = Woodsdale Fuel Cost at Maximum Load	\$ 45.13	\$/MWh
[F] = ([C]+[E])/2 = Average of Maximum and Minimum Load \$/MWh Fuel Cost	\$ 146.97	

Date	Hour Beginning	PJM Purchase Quantity (MWh)	PJM Purchase Cost (\$)	PJM Purchase Cost (\$/MWh)	[F] = Average of Maximum and Minimum Load \$/MWh Fuel Cost	Purchase Cost Exceeds Average of Maximum and Minimum Load \$/MWh Fuel Cost? (0 = No, 1 = Yes)	Purchase Power Cost Exceeding Average of Maximum and Minimum Load \$/MWh Fuel Cost
10/11/2024	12	468	12,149.11 \$	25.94 \$	146.97	0 \$	-
10/11/2024	13	467	12,305.73 \$	26.33 \$	146.97	0 \$	-
10/11/2024	14	474	13,095.85 \$	27.61 \$	146.97	0 \$	-
10/11/2024	15	465	13,797.91 \$	29.65 \$	146.97	0 \$	-
10/11/2024	16	408	16,725.04 \$	40.95 \$	146.97	0 \$	-
10/11/2024	17	338	17,015.33 \$	50.31 \$	146.97	0 \$	-
10/11/2024	18	381	14,720.09 \$	38.62 \$	146.97	0 \$	-
10/11/2024	19	336	10,145.69 \$	30.21 \$	146.97	0 \$	-
10/11/2024	20	355	9,223.99 \$	26.00 \$	146.97	0 \$	-
10/11/2024	21	405	9,475.05 \$	23.41 \$	146.97	0 \$	-
10/11/2024	22	383	8,068.75 \$	21.07 \$	146.97	0 \$	-
10/11/2024	23	364	8,921.99 \$	24.48 \$	146.97	0 \$	-
10/12/2024	0	342	9,293.90 \$	27.16 \$	146.97	0 \$	-
10/12/2024	1	336	6,580.25 \$	19.57 \$	146.97	0 \$	-
10/12/2024	2	328	6,288.61 \$	19.20 \$	146.97	0 \$	-
10/12/2024	3	334	7,253.55 \$	21.74 \$	146.97	0 \$	-
10/12/2024	4	290	6,927.76 \$	23.93 \$	146.97	0 \$	-
10/12/2024	5	320	8,427.93 \$	26.32 \$	146.97	0 \$	-
10/12/2024	6	299	10,342.47 \$	34.61 \$	146.97	0 \$	-
10/12/2024	7	353	9,346.18 \$	26.48 \$	146.97	0 \$	-
10/12/2024	8	363	7,954.73 \$	21.91 \$	146.97	0 \$	-
10/12/2024	9	323	7,863.81 \$	24.33 \$	146.97	0 \$	-
10/12/2024	10	394	9,868.73 \$	25.04 \$	146.97	0 \$	-
10/12/2024	11	375	9,981.20 \$	26.60 \$	146.97	0 \$	-
10/12/2024	12	401	11,417.81 \$	28.47 \$	146.97	0 \$	-
10/12/2024	13	420	12,108.92 \$	28.84 \$	146.97	0 \$	-
10/12/2024	14	348	11,068.49 \$	31.83 \$	146.97	0 \$	-
10/12/2024	15	351	14,140.99 \$	40.33 \$	146.97	0 \$	-
10/12/2024	16	335	20,241.54 \$	60.37 \$	146.97	0 \$	-
10/12/2024	17	340	27,891.68 \$	82.03 \$	146.97	0 \$	-
10/12/2024	18	330	19,173.82 \$	58.03 \$	146.97	0 \$	-
10/12/2024	19	350	14,399.74 \$	41.18 \$	146.97	0 \$	-
10/12/2024	20	418	15,026.86 \$	35.96 \$	146.97	0 \$	-
10/12/2024	21	411	13,787.84 \$	33.51 \$	146.97	0 \$	-
10/12/2024	22	389	10,086.41 \$	25.95 \$	146.97	0 \$	-
10/12/2024	23	364	8,007.92 \$	21.99 \$	146.97	0 \$	-

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Analysis of Purchased Power Cost vs. Woodsdale Average of Maximum and Minimum Load \$/MWh Fuel Cost

[A] = Woodsdale Average Heat Rate at Minimum Load	83,217	Btu/kWh
[B] = Maximum Monthly Natural Gas Price	\$2.99	\$/MMBtu
[C] = ([A] / 1000) * [B] = Woodsdale Fuel Cost at Minimum Load	\$ 248.82	\$/MWh
[D] = Woodsdale Average Heat Rate at Maximum Load	15,093	Btu/kWh
[E] = ([D] / 1000) * [B] = Woodsdale Fuel Cost at Maximum Load	\$ 45.13	\$/MWh
[F] = ([C]+[E])/2 = Average of Maximum and Minimum Load \$/MWh Fuel Cost	\$ 146.97	

Date	Hour Beginning	PJM Purchase Quantity (MWh)	PJM Purchase Cost (\$)	PJM Purchase Cost (\$/MWh)	[F] = Average of Maximum and Minimum Load \$/MWh Fuel Cost	Purchase Cost Exceeds Average of Maximum and Minimum Load \$/MWh Fuel Cost? (0 = No, 1 = Yes)	Purchase Power Cost Exceeding Average of Maximum and Minimum Load \$/MWh Fuel Cost
10/13/2024	0	350	7,576.05 \$	21.64 \$	146.97	0	\$ -
10/13/2024	1	335	6,506.09 \$	19.40 \$	146.97	0	\$ -
10/13/2024	2	336	6,209.19 \$	18.50 \$	146.97	0	\$ -
10/13/2024	3	331	5,701.38 \$	17.24 \$	146.97	0	\$ -
10/13/2024	4	339	5,608.01 \$	16.52 \$	146.97	0	\$ -
10/13/2024	5	343	6,911.55 \$	20.14 \$	146.97	0	\$ -
10/13/2024	6	290	6,536.96 \$	22.55 \$	146.97	0	\$ -
10/13/2024	7	370	8,057.38 \$	21.79 \$	146.97	0	\$ -
10/13/2024	8	394	9,014.14 \$	22.89 \$	146.97	0	\$ -
10/13/2024	9	417	9,350.74 \$	22.40 \$	146.97	0	\$ -
10/13/2024	10	439	10,017.70 \$	22.83 \$	146.97	0	\$ -
10/13/2024	11	459	11,191.50 \$	24.36 \$	146.97	0	\$ -
10/13/2024	12	476	11,553.69 \$	24.27 \$	146.97	0	\$ -
10/13/2024	13	491	13,221.37 \$	26.95 \$	146.97	0	\$ -
10/13/2024	14	498	15,859.53 \$	31.82 \$	146.97	0	\$ -
10/13/2024	15	440	17,555.74 \$	39.86 \$	146.97	0	\$ -
10/13/2024	16	421	22,760.05 \$	54.01 \$	146.97	0	\$ -
10/13/2024	17	309	24,379.44 \$	79.00 \$	146.97	0	\$ -
10/13/2024	18	290	20,443.59 \$	70.38 \$	146.97	0	\$ -
10/13/2024	19	366	14,742.66 \$	40.32 \$	146.97	0	\$ -
10/13/2024	20	424	14,343.36 \$	33.84 \$	146.97	0	\$ -
10/13/2024	21	402	11,216.37 \$	27.87 \$	146.97	0	\$ -
10/13/2024	22	374	8,695.64 \$	23.27 \$	146.97	0	\$ -
10/13/2024	23	350	6,407.51 \$	18.29 \$	146.97	0	\$ -
10/14/2024	0	335	5,606.83 \$	16.74 \$	146.97	0	\$ -
10/14/2024	1	331	4,966.91 \$	14.99 \$	146.97	0	\$ -
10/14/2024	2	322	5,263.59 \$	16.32 \$	146.97	0	\$ -
10/14/2024	3	328	5,559.42 \$	16.94 \$	146.97	0	\$ -
10/14/2024	4	351	7,251.52 \$	20.67 \$	146.97	0	\$ -
10/14/2024	5	330	9,336.89 \$	28.28 \$	146.97	0	\$ -
10/14/2024	6	350	12,010.72 \$	34.31 \$	146.97	0	\$ -
10/14/2024	7	346	11,071.14 \$	31.98 \$	146.97	0	\$ -
10/14/2024	8	352	8,631.83 \$	24.56 \$	146.97	0	\$ -
10/14/2024	9	370	10,321.14 \$	27.88 \$	146.97	0	\$ -
10/14/2024	10	328	9,412.67 \$	28.68 \$	146.97	0	\$ -
10/14/2024	11	268	8,024.02 \$	29.92 \$	146.97	0	\$ -

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Analysis of Purchased Power Cost vs. Woodsdale Average of Maximum and Minimum Load \$/MWh Fuel Cost

[A] = Woodsdale Average Heat Rate at Minimum Load	83,217	Btu/kWh
[B] = Maximum Monthly Natural Gas Price	\$2.99	\$/MMBtu
[C] = ([A] / 1000) * [B] = Woodsdale Fuel Cost at Minimum Load	\$ 248.82	\$/MWh
[D] = Woodsdale Average Heat Rate at Maximum Load	15,093	Btu/kWh
[E] = ([D] / 1000) * [B] = Woodsdale Fuel Cost at Maximum Load	\$ 45.13	\$/MWh
[F] = ([C]+[E])/2 = Average of Maximum and Minimum Load \$/MWh Fuel Cost	\$ 146.97	

Date	Hour Beginning	PJM Purchase Quantity (MWh)	PJM Purchase Cost (\$)	PJM Purchase Cost (\$/MWh)	[F] = Average of Maximum and Minimum Load \$/MWh Fuel Cost	Purchase Cost Exceeds Average of Maximum and Minimum Load \$/MWh Fuel Cost? (0 = No, 1 = Yes)	Purchase Power Cost Exceeding Average of Maximum and Minimum Load \$/MWh Fuel Cost
10/14/2024	12	368	10,861.80	\$ 29.50	146.97	0	\$ -
10/14/2024	13	369	10,621.86	\$ 28.77	146.97	0	\$ -
10/14/2024	14	367	9,520.04	\$ 25.93	146.97	0	\$ -
10/14/2024	15	365	10,489.53	\$ 28.73	146.97	0	\$ -
10/14/2024	16	328	13,975.98	\$ 42.61	146.97	0	\$ -
10/14/2024	17	272	16,448.33	\$ 60.52	146.97	0	\$ -
10/14/2024	18	306	22,072.05	\$ 72.23	146.97	0	\$ -
10/14/2024	19	300	12,667.94	\$ 42.26	146.97	0	\$ -
10/14/2024	20	262	10,034.05	\$ 38.30	146.97	0	\$ -
10/14/2024	21	231	8,643.18	\$ 37.36	146.97	0	\$ -
10/14/2024	22	226	6,370.70	\$ 28.23	146.97	0	\$ -
10/14/2024	23	250	7,890.49	\$ 31.58	146.97	0	\$ -
10/15/2024	0	358	10,911.72	\$ 30.49	146.97	0	\$ -
10/15/2024	1	352	10,732.71	\$ 30.49	146.97	0	\$ -
10/15/2024	2	346	10,790.24	\$ 31.17	146.97	0	\$ -
10/15/2024	3	265	8,182.64	\$ 30.89	146.97	0	\$ -
10/15/2024	4	293	10,568.87	\$ 36.03	146.97	0	\$ -
10/15/2024	5	274	13,850.36	\$ 50.61	146.97	0	\$ -
10/15/2024	6	277	18,389.31	\$ 66.39	146.97	0	\$ -
10/15/2024	7	329	16,896.36	\$ 51.32	146.97	0	\$ -
10/15/2024	8	326	12,354.99	\$ 37.94	146.97	0	\$ -
10/15/2024	9	372	13,758.37	\$ 37.01	146.97	0	\$ -
10/15/2024	10	342	12,652.97	\$ 37.03	146.97	0	\$ -
10/15/2024	11	353	12,720.56	\$ 36.07	146.97	0	\$ -
10/15/2024	12	369	12,912.04	\$ 35.03	146.97	0	\$ -
10/15/2024	13	358	11,995.20	\$ 33.52	146.97	0	\$ -
10/15/2024	14	379	12,711.34	\$ 33.54	146.97	0	\$ -
10/15/2024	15	369	13,083.33	\$ 35.45	146.97	0	\$ -
10/15/2024	16	368	17,289.33	\$ 46.99	146.97	0	\$ -
10/15/2024	17	354	23,122.38	\$ 65.39	146.97	0	\$ -
10/15/2024	18	317	22,439.58	\$ 70.77	146.97	0	\$ -
10/15/2024	19	311	15,960.34	\$ 51.29	146.97	0	\$ -
10/15/2024	20	369	17,774.36	\$ 48.13	146.97	0	\$ -
10/15/2024	21	322	16,171.18	\$ 50.25	146.97	0	\$ -
10/15/2024	22	332	13,938.84	\$ 41.93	146.97	0	\$ -
10/15/2024	23	268	9,519.61	\$ 35.46	146.97	0	\$ -

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Analysis of Purchased Power Cost vs. Woodsdale Average of Maximum and Minimum Load \$/MWh Fuel Cost

[A] = Woodsdale Average Heat Rate at Minimum Load	83,217	Btu/kWh
[B] = Maximum Monthly Natural Gas Price	\$2.99	\$/MMBtu
[C] = ([A] / 1000) * [B] = Woodsdale Fuel Cost at Minimum Load	\$ 248.82	\$/MWh
[D] = Woodsdale Average Heat Rate at Maximum Load	15,093	Btu/kWh
[E] = ([D] / 1000) * [B] = Woodsdale Fuel Cost at Maximum Load	\$ 45.13	\$/MWh
[F] = ([C]+[E])/2 = Average of Maximum and Minimum Load \$/MWh Fuel Cost	\$ 146.97	

Date	Hour Beginning	PJM Purchase Quantity (MWh)	PJM Purchase Cost (\$)	PJM Purchase Cost (\$/MWh)	[F] = Average of Maximum and Minimum Load \$/MWh Fuel Cost	Purchase Cost Exceeds Average of Maximum and Minimum Load \$/MWh Fuel Cost? (0 = No, 1 = Yes)	Purchase Power Cost Exceeding Average of Maximum and Minimum Load \$/MWh Fuel Cost
10/16/2024	0	277	9,091.61 \$	32.88 \$	146.97	0	\$ -
10/16/2024	1	290	8,675.98 \$	29.93 \$	146.97	0	\$ -
10/16/2024	2	234	7,369.63 \$	31.52 \$	146.97	0	\$ -
10/16/2024	3	282	9,596.36 \$	33.98 \$	146.97	0	\$ -
10/16/2024	4	295	11,540.03 \$	39.12 \$	146.97	0	\$ -
10/16/2024	5	350	22,051.51 \$	62.97 \$	146.97	0	\$ -
10/16/2024	6	374	33,039.82 \$	88.35 \$	146.97	0	\$ -
10/16/2024	7	364	19,002.72 \$	52.18 \$	146.97	0	\$ -
10/16/2024	8	383	13,072.78 \$	34.14 \$	146.97	0	\$ -
10/16/2024	9	393	13,298.10 \$	33.84 \$	146.97	0	\$ -
10/16/2024	10	370	11,959.61 \$	32.32 \$	146.97	0	\$ -
10/16/2024	11	399	12,247.59 \$	30.70 \$	146.97	0	\$ -
10/16/2024	12	370	11,194.20 \$	30.24 \$	146.97	0	\$ -
10/16/2024	13	425	12,665.07 \$	29.79 \$	146.97	0	\$ -
10/16/2024	14	444	13,255.28 \$	29.84 \$	146.97	0	\$ -
10/16/2024	15	440	14,732.75 \$	33.48 \$	146.97	0	\$ -
10/16/2024	16	350	15,833.22 \$	45.26 \$	146.97	0	\$ -
10/16/2024	17	295	19,225.84 \$	65.08 \$	146.97	0	\$ -
10/16/2024	18	317	24,392.55 \$	76.92 \$	146.97	0	\$ -
10/16/2024	19	237	12,556.92 \$	52.88 \$	146.97	0	\$ -
10/16/2024	20	265	11,735.74 \$	44.32 \$	146.97	0	\$ -
10/16/2024	21	209	8,865.15 \$	42.39 \$	146.97	0	\$ -
10/16/2024	22	203	8,122.55 \$	39.94 \$	146.97	0	\$ -
10/16/2024	23	166	5,943.71 \$	35.89 \$	146.97	0	\$ -
10/17/2024	0	296	10,076.68 \$	34.09 \$	146.97	0	\$ -
10/17/2024	1	255	8,115.47 \$	31.87 \$	146.97	0	\$ -
10/17/2024	2	167	5,238.77 \$	31.28 \$	146.97	0	\$ -
10/17/2024	3	160	5,375.88 \$	33.56 \$	146.97	0	\$ -
10/17/2024	4	251	8,896.20 \$	35.48 \$	146.97	0	\$ -
10/17/2024	5	272	19,090.82 \$	70.16 \$	146.97	0	\$ -
10/17/2024	6	293	34,315.28 \$	117.16 \$	146.97	0	\$ -
10/17/2024	7	307	16,238.02 \$	52.87 \$	146.97	0	\$ -
10/17/2024	8	363	12,415.65 \$	34.22 \$	146.97	0	\$ -
10/17/2024	9	317	10,487.23 \$	33.07 \$	146.97	0	\$ -
10/17/2024	10	351	10,177.79 \$	28.97 \$	146.97	0	\$ -
10/17/2024	11	449	12,520.03 \$	27.87 \$	146.97	0	\$ -

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Analysis of Purchased Power Cost vs. Woodsdale Average of Maximum and Minimum Load \$/MWh Fuel Cost

[A] = Woodsdale Average Heat Rate at Minimum Load	83,217	Btu/kWh
[B] = Maximum Monthly Natural Gas Price	\$2.99	\$/MMBtu
[C] = ([A] / 1000) * [B] = Woodsdale Fuel Cost at Minimum Load	\$ 248.82	\$/MWh
[D] = Woodsdale Average Heat Rate at Maximum Load	15,093	Btu/kWh
[E] = ([D] / 1000) * [B] = Woodsdale Fuel Cost at Maximum Load	\$ 45.13	\$/MWh
[F] = ([C]+[E])/2 = Average of Maximum and Minimum Load \$/MWh Fuel Cost	\$ 146.97	

Date	Hour Beginning	PJM Purchase Quantity (MWh)	PJM Purchase Cost (\$)	PJM Purchase Cost (\$/MWh)	[F] = Average of Maximum and Minimum Load \$/MWh Fuel Cost	Purchase Cost Exceeds Average of Maximum and Minimum Load \$/MWh Fuel Cost? (0 = No, 1 = Yes)	Purchase Power Cost Exceeding Average of Maximum and Minimum Load \$/MWh Fuel Cost
10/17/2024	12	453	11,988.39 \$	26.45 \$	146.97	0 \$	-
10/17/2024	13	443	10,658.61 \$	24.04 \$	146.97	0 \$	-
10/17/2024	14	385	9,021.79 \$	23.41 \$	146.97	0 \$	-
10/17/2024	15	442	11,251.73 \$	25.44 \$	146.97	0 \$	-
10/17/2024	16	360	13,601.86 \$	37.77 \$	146.97	0 \$	-
10/17/2024	17	144	10,362.43 \$	72.13 \$	146.97	0 \$	-
10/17/2024	18	243	14,916.96 \$	61.49 \$	146.97	0 \$	-
10/17/2024	19	207	8,230.77 \$	39.67 \$	146.97	0 \$	-
10/17/2024	20	221	7,561.28 \$	34.15 \$	146.97	0 \$	-
10/17/2024	21	194	6,285.89 \$	32.47 \$	146.97	0 \$	-
10/17/2024	22	302	8,873.43 \$	29.40 \$	146.97	0 \$	-
10/17/2024	23	376	13,139.36 \$	34.95 \$	146.97	0 \$	-
10/18/2024	0	365	10,977.39 \$	30.07 \$	146.97	0 \$	-
10/18/2024	1	360	10,772.76 \$	29.91 \$	146.97	0 \$	-
10/18/2024	2	359	11,215.92 \$	31.22 \$	146.97	0 \$	-
10/18/2024	3	143	4,828.33 \$	33.75 \$	146.97	0 \$	-
10/18/2024	4	103	3,705.72 \$	36.04 \$	146.97	0 \$	-
10/18/2024	5	110	6,870.06 \$	62.28 \$	146.97	0 \$	-
10/18/2024	6	120	12,591.51 \$	104.92 \$	146.97	0 \$	-
10/18/2024	7	217	9,572.65 \$	44.04 \$	146.97	0 \$	-
10/18/2024	8	409	11,270.42 \$	27.58 \$	146.97	0 \$	-
10/18/2024	9	393	10,981.86 \$	27.94 \$	146.97	0 \$	-
10/18/2024	10	447	11,565.00 \$	25.87 \$	146.97	0 \$	-
10/18/2024	11	450	11,490.34 \$	25.55 \$	146.97	0 \$	-
10/18/2024	12	450	11,058.33 \$	24.58 \$	146.97	0 \$	-
10/18/2024	13	441	10,248.93 \$	23.23 \$	146.97	0 \$	-
10/18/2024	14	440	10,345.46 \$	23.50 \$	146.97	0 \$	-
10/18/2024	15	442	12,706.44 \$	28.73 \$	146.97	0 \$	-
10/18/2024	16	321	12,377.76 \$	38.54 \$	146.97	0 \$	-
10/18/2024	17	195	10,905.21 \$	55.93 \$	146.97	0 \$	-
10/18/2024	18	198	9,490.04 \$	47.97 \$	146.97	0 \$	-
10/18/2024	19	299	10,437.74 \$	34.94 \$	146.97	0 \$	-
10/18/2024	20	280	9,232.44 \$	33.01 \$	146.97	0 \$	-
10/18/2024	21	161	5,203.16 \$	32.34 \$	146.97	0 \$	-
10/18/2024	22	365	10,311.47 \$	28.23 \$	146.97	0 \$	-
10/18/2024	23	362	11,227.74 \$	31.04 \$	146.97	0 \$	-

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Analysis of Purchased Power Cost vs. Woodsdale Average of Maximum and Minimum Load \$/MWh Fuel Cost

[A] = Woodsdale Average Heat Rate at Minimum Load	83,217	Btu/kWh
[B] = Maximum Monthly Natural Gas Price	\$2.99	\$/MMBtu
[C] = ([A] / 1000) * [B] = Woodsdale Fuel Cost at Minimum Load	\$ 248.82	\$/MWh
[D] = Woodsdale Average Heat Rate at Maximum Load	15,093	Btu/kWh
[E] = ([D] / 1000) * [B] = Woodsdale Fuel Cost at Maximum Load	\$ 45.13	\$/MWh
[F] = ([C]+[E])/2 = Average of Maximum and Minimum Load \$/MWh Fuel Cost	\$ 146.97	

Date	Hour Beginning	PJM Purchase Quantity (MWh)	PJM Purchase Cost (\$)	PJM Purchase Cost (\$/MWh)	[F] = Average of Maximum and Minimum Load \$/MWh Fuel Cost	Purchase Cost Exceeds Average of Maximum and Minimum Load \$/MWh Fuel Cost? (0 = No, 1 = Yes)	Purchase Power Cost Exceeding Average of Maximum and Minimum Load \$/MWh Fuel Cost
10/19/2024	0	351	10,910.99	\$ 31.11	146.97	0	\$ -
10/19/2024	1	342	9,566.63	\$ 27.98	146.97	0	\$ -
10/19/2024	2	340	10,278.30	\$ 30.25	146.97	0	\$ -
10/19/2024	3	343	10,858.30	\$ 31.68	146.97	0	\$ -
10/19/2024	4	357	11,949.31	\$ 33.43	146.97	0	\$ -
10/19/2024	5	216	8,083.96	\$ 37.35	146.97	0	\$ -
10/19/2024	6	49	2,809.86	\$ 57.44	146.97	0	\$ -
10/19/2024	7	141	5,500.01	\$ 38.94	146.97	0	\$ -
10/19/2024	8	338	7,867.67	\$ 23.30	146.97	0	\$ -
10/19/2024	9	406	8,305.81	\$ 20.46	146.97	0	\$ -
10/19/2024	10	405	8,389.59	\$ 20.71	146.97	0	\$ -
10/19/2024	11	403	8,246.24	\$ 20.45	146.97	0	\$ -
10/19/2024	12	404	7,837.65	\$ 19.39	146.97	0	\$ -
10/19/2024	13	407	7,895.68	\$ 19.39	146.97	0	\$ -
10/19/2024	14	409	8,387.76	\$ 20.50	146.97	0	\$ -
10/19/2024	15	372	9,387.54	\$ 25.23	146.97	0	\$ -
10/19/2024	16	298	11,152.74	\$ 37.46	146.97	0	\$ -
10/19/2024	17	291	15,444.19	\$ 53.16	146.97	0	\$ -
10/19/2024	18	221	9,888.02	\$ 44.68	146.97	0	\$ -
10/19/2024	19	300	10,617.33	\$ 35.35	146.97	0	\$ -
10/19/2024	20	287	9,021.53	\$ 31.38	146.97	0	\$ -
10/19/2024	21	244	7,223.30	\$ 29.65	146.97	0	\$ -
10/19/2024	22	277	6,751.29	\$ 24.37	146.97	0	\$ -
10/19/2024	23	325	7,127.66	\$ 21.93	146.97	0	\$ -
10/20/2024	0	331	6,939.50	\$ 20.96	146.97	0	\$ -
10/20/2024	1	318	5,881.16	\$ 18.48	146.97	0	\$ -
10/20/2024	2	317	5,739.35	\$ 18.09	146.97	0	\$ -
10/20/2024	3	319	6,265.55	\$ 19.62	146.97	0	\$ -
10/20/2024	4	327	6,944.88	\$ 21.23	146.97	0	\$ -
10/20/2024	5	338	8,714.98	\$ 25.79	146.97	0	\$ -
10/20/2024	6	356	12,534.00	\$ 35.24	146.97	0	\$ -
10/20/2024	7	363	9,230.34	\$ 25.45	146.97	0	\$ -
10/20/2024	8	380	6,556.26	\$ 17.26	146.97	0	\$ -
10/20/2024	9	385	6,670.32	\$ 17.32	146.97	0	\$ -
10/20/2024	10	392	6,960.55	\$ 17.74	146.97	0	\$ -
10/20/2024	11	401	7,389.20	\$ 18.42	146.97	0	\$ -

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Analysis of Purchased Power Cost vs. Woodsdale Average of Maximum and Minimum Load \$/MWh Fuel Cost

[A] = Woodsdale Average Heat Rate at Minimum Load	83,217	Btu/kWh
[B] = Maximum Monthly Natural Gas Price	\$2.99	\$/MMBtu
[C] = ([A] / 1000) * [B] = Woodsdale Fuel Cost at Minimum Load	\$ 248.82	\$/MWh
[D] = Woodsdale Average Heat Rate at Maximum Load	15,093	Btu/kWh
[E] = ([D] / 1000) * [B] = Woodsdale Fuel Cost at Maximum Load	\$ 45.13	\$/MWh
[F] = ([C]+[E])/2 = Average of Maximum and Minimum Load \$/MWh Fuel Cost	\$ 146.97	

Date	Hour Beginning	PJM Purchase Quantity (MWh)	PJM Purchase Cost (\$)	PJM Purchase Cost (\$/MWh)	[F] = Average of Maximum and Minimum Load \$/MWh Fuel Cost	Purchase Cost Exceeds Average of Maximum and Minimum Load \$/MWh Fuel Cost? (0 = No, 1 = Yes)	Purchase Power Cost Exceeding Average of Maximum and Minimum Load \$/MWh Fuel Cost
10/20/2024	12	398	7,243.10	\$ 18.19	146.97	0	\$ -
10/20/2024	13	405	7,132.48	\$ 17.61	146.97	0	\$ -
10/20/2024	14	410	7,949.86	\$ 19.39	146.97	0	\$ -
10/20/2024	15	424	10,751.72	\$ 25.37	146.97	0	\$ -
10/20/2024	16	430	18,525.71	\$ 43.12	146.97	0	\$ -
10/20/2024	17	425	25,925.87	\$ 60.95	146.97	0	\$ -
10/20/2024	18	346	16,497.10	\$ 47.66	146.97	0	\$ -
10/20/2024	19	347	11,176.35	\$ 32.20	146.97	0	\$ -
10/20/2024	20	300	8,289.88	\$ 27.64	146.97	0	\$ -
10/20/2024	21	291	7,124.27	\$ 24.48	146.97	0	\$ -
10/20/2024	22	348	7,431.53	\$ 21.37	146.97	0	\$ -
10/20/2024	23	336	7,061.60	\$ 21.01	146.97	0	\$ -
10/21/2024	0	330	5,864.64	\$ 17.76	146.97	0	\$ -
10/21/2024	1	325	5,510.64	\$ 16.94	146.97	0	\$ -
10/21/2024	2	324	5,697.19	\$ 17.56	146.97	0	\$ -
10/21/2024	3	334	6,726.37	\$ 20.12	146.97	0	\$ -
10/21/2024	4	361	10,217.91	\$ 28.32	146.97	0	\$ -
10/21/2024	5	203	9,996.16	\$ 49.23	146.97	0	\$ -
10/21/2024	6	38	3,047.93	\$ 79.21	146.97	0	\$ -
10/21/2024	7	77	3,457.58	\$ 45.04	146.97	0	\$ -
10/21/2024	8	230	6,559.16	\$ 28.50	146.97	0	\$ -
10/21/2024	9	163	4,871.20	\$ 29.88	146.97	0	\$ -
10/21/2024	10	153	4,909.91	\$ 32.06	146.97	0	\$ -
10/21/2024	11	157	5,186.76	\$ 33.02	146.97	0	\$ -
10/21/2024	12	226	7,979.40	\$ 35.29	146.97	0	\$ -
10/21/2024	13	370	12,838.70	\$ 34.67	146.97	0	\$ -
10/21/2024	14	381	12,553.51	\$ 32.94	146.97	0	\$ -
10/21/2024	15	390	16,106.79	\$ 41.32	146.97	0	\$ -
10/21/2024	16	301	19,768.39	\$ 65.60	146.97	0	\$ -
10/21/2024	17	152	12,382.63	\$ 81.62	146.97	0	\$ -
10/21/2024	18	135	8,047.70	\$ 59.79	146.97	0	\$ -
10/21/2024	19	165	6,539.12	\$ 39.66	146.97	0	\$ -
10/21/2024	20	296	10,733.56	\$ 36.25	146.97	0	\$ -
10/21/2024	21	290	8,441.04	\$ 29.15	146.97	0	\$ -
10/21/2024	22	382	10,129.61	\$ 26.53	146.97	0	\$ -
10/21/2024	23	363	7,707.20	\$ 21.23	146.97	0	\$ -

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Analysis of Purchased Power Cost vs. Woodsdale Average of Maximum and Minimum Load \$/MWh Fuel Cost

[A] = Woodsdale Average Heat Rate at Minimum Load	83,217	Btu/kWh
[B] = Maximum Monthly Natural Gas Price	\$2.99	\$/MMBtu
[C] = ([A] / 1000) * [B] = Woodsdale Fuel Cost at Minimum Load	\$ 248.82	\$/MWh
[D] = Woodsdale Average Heat Rate at Maximum Load	15,093	Btu/kWh
[E] = ([D] / 1000) * [B] = Woodsdale Fuel Cost at Maximum Load	\$ 45.13	\$/MWh
[F] = ([C]+[E])/2 = Average of Maximum and Minimum Load \$/MWh Fuel Cost	\$ 146.97	

Date	Hour Beginning	PJM Purchase Quantity (MWh)	PJM Purchase Cost (\$)	PJM Purchase Cost (\$/MWh)	[F] = Average of Maximum and Minimum Load \$/MWh Fuel Cost	Purchase Cost Exceeds Average of Maximum and Minimum Load \$/MWh Fuel Cost? (0 = No, 1 = Yes)	Purchase Power Cost Exceeding Average of Maximum and Minimum Load \$/MWh Fuel Cost
10/22/2024	0	350	6,146.19 \$	17.54 \$	146.97	0 \$	-
10/22/2024	1	342	5,670.29 \$	16.56 \$	146.97	0 \$	-
10/22/2024	2	340	5,751.64 \$	16.94 \$	146.97	0 \$	-
10/22/2024	3	347	6,505.17 \$	18.73 \$	146.97	0 \$	-
10/22/2024	4	370	8,739.40 \$	23.64 \$	146.97	0 \$	-
10/22/2024	5	303	12,951.53 \$	42.75 \$	146.97	0 \$	-
10/22/2024	6	237	11,327.57 \$	47.75 \$	146.97	0 \$	-
10/22/2024	7	219	5,903.42 \$	26.93 \$	146.97	0 \$	-
10/22/2024	8	447	9,350.36 \$	20.92 \$	146.97	0 \$	-
10/22/2024	9	454	9,636.77 \$	21.21 \$	146.97	0 \$	-
10/22/2024	10	461	9,705.08 \$	21.07 \$	146.97	0 \$	-
10/22/2024	11	342	7,483.88 \$	21.86 \$	146.97	0 \$	-
10/22/2024	12	373	8,873.99 \$	23.78 \$	146.97	0 \$	-
10/22/2024	13	401	9,867.97 \$	24.61 \$	146.97	0 \$	-
10/22/2024	14	393	10,795.67 \$	27.47 \$	146.97	0 \$	-
10/22/2024	15	423	13,836.15 \$	32.75 \$	146.97	0 \$	-
10/22/2024	16	303	16,697.25 \$	55.11 \$	146.97	0 \$	-
10/22/2024	17	149	9,804.83 \$	65.91 \$	146.97	0 \$	-
10/22/2024	18	194	9,818.95 \$	50.67 \$	146.97	0 \$	-
10/22/2024	19	184	5,987.26 \$	32.52 \$	146.97	0 \$	-
10/22/2024	20	181	5,177.98 \$	28.58 \$	146.97	0 \$	-
10/22/2024	21	115	2,882.96 \$	25.12 \$	146.97	0 \$	-
10/22/2024	22	276	5,769.66 \$	20.94 \$	146.97	0 \$	-
10/22/2024	23	372	6,981.18 \$	18.77 \$	146.97	0 \$	-
10/23/2024	0	357	5,813.88 \$	16.27 \$	146.97	0 \$	-
10/23/2024	1	351	5,312.09 \$	15.12 \$	146.97	0 \$	-
10/23/2024	2	345	5,154.90 \$	14.96 \$	146.97	0 \$	-
10/23/2024	3	350	5,805.87 \$	16.57 \$	146.97	0 \$	-
10/23/2024	4	373	7,353.49 \$	19.70 \$	146.97	0 \$	-
10/23/2024	5	307	11,018.03 \$	35.91 \$	146.97	0 \$	-
10/23/2024	6	130	5,648.55 \$	43.30 \$	146.97	0 \$	-
10/23/2024	7	183	6,178.92 \$	33.68 \$	146.97	0 \$	-
10/23/2024	8	333	8,409.56 \$	25.26 \$	146.97	0 \$	-
10/23/2024	9	355	9,012.07 \$	25.39 \$	146.97	0 \$	-
10/23/2024	10	270	6,544.28 \$	24.25 \$	146.97	0 \$	-
10/23/2024	11	201	5,186.30 \$	25.84 \$	146.97	0 \$	-

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Analysis of Purchased Power Cost vs. Woodsdale Average of Maximum and Minimum Load \$/MWh Fuel Cost

[A] = Woodsdale Average Heat Rate at Minimum Load	83,217	Btu/kWh
[B] = Maximum Monthly Natural Gas Price	\$2.99	\$/MMBtu
[C] = ([A] / 1000) * [B] = Woodsdale Fuel Cost at Minimum Load	\$ 248.82	\$/MWh
[D] = Woodsdale Average Heat Rate at Maximum Load	15,093	Btu/kWh
[E] = ([D] / 1000) * [B] = Woodsdale Fuel Cost at Maximum Load	\$ 45.13	\$/MWh
[F] = ([C]+[E])/2 = Average of Maximum and Minimum Load \$/MWh Fuel Cost	\$ 146.97	

Date	Hour Beginning	PJM Purchase Quantity (MWh)	PJM Purchase Cost (\$)	PJM Purchase Cost (\$/MWh)	[F] = Average of Maximum and Minimum Load \$/MWh Fuel Cost	Purchase Cost Exceeds Average of Maximum and Minimum Load \$/MWh Fuel Cost? (0 = No, 1 = Yes)	Purchase Power Cost Exceeding Average of Maximum and Minimum Load \$/MWh Fuel Cost
10/23/2024	12	265	7,332.30	\$ 27.72	146.97	0	\$ -
10/23/2024	13	186	5,257.27	\$ 28.24	146.97	0	\$ -
10/23/2024	14	225	6,923.21	\$ 30.80	146.97	0	\$ -
10/23/2024	15	177	6,283.86	\$ 35.42	146.97	0	\$ -
10/23/2024	16	120	6,170.70	\$ 51.43	146.97	0	\$ -
10/23/2024	17	142	9,933.78	\$ 69.85	146.97	0	\$ -
10/23/2024	18	122	7,284.81	\$ 59.57	146.97	0	\$ -
10/23/2024	19	79	3,492.47	\$ 44.42	146.97	0	\$ -
10/23/2024	20	96	3,596.81	\$ 37.33	146.97	0	\$ -
10/23/2024	21	80	2,695.38	\$ 33.67	146.97	0	\$ -
10/23/2024	22	28	772.64	\$ 27.97	146.97	0	\$ -
10/23/2024	23	93	2,634.14	\$ 28.31	146.97	0	\$ -
10/24/2024	0	82	1,914.28	\$ 23.25	146.97	0	\$ -
10/24/2024	1	165	3,577.03	\$ 21.74	146.97	0	\$ -
10/24/2024	2	111	2,387.65	\$ 21.59	146.97	0	\$ -
10/24/2024	3	139	3,189.27	\$ 22.88	146.97	0	\$ -
10/24/2024	4	88	2,310.65	\$ 26.26	146.97	0	\$ -
10/24/2024	5	84	3,612.91	\$ 42.82	146.97	0	\$ -
10/24/2024	6	207	15,365.91	\$ 74.20	146.97	0	\$ -
10/24/2024	7	115	4,888.13	\$ 42.48	146.97	0	\$ -
10/24/2024	8	215	6,041.60	\$ 28.06	146.97	0	\$ -
10/24/2024	9	308	7,898.82	\$ 25.61	146.97	0	\$ -
10/24/2024	10	351	8,283.56	\$ 23.59	146.97	0	\$ -
10/24/2024	11	367	8,265.73	\$ 22.52	146.97	0	\$ -
10/24/2024	12	345	7,750.75	\$ 22.45	146.97	0	\$ -
10/24/2024	13	367	8,031.22	\$ 21.86	146.97	0	\$ -
10/24/2024	14	373	8,267.30	\$ 22.15	146.97	0	\$ -
10/24/2024	15	374	9,802.68	\$ 26.19	146.97	0	\$ -
10/24/2024	16	304	15,348.09	\$ 50.50	146.97	0	\$ -
10/24/2024	17	186	13,193.29	\$ 71.09	146.97	0	\$ -
10/24/2024	18	259	14,475.16	\$ 55.82	146.97	0	\$ -
10/24/2024	19	318	10,995.15	\$ 34.56	146.97	0	\$ -
10/24/2024	20	278	8,744.05	\$ 31.41	146.97	0	\$ -
10/24/2024	21	226	6,527.23	\$ 28.91	146.97	0	\$ -
10/24/2024	22	169	4,116.34	\$ 24.37	146.97	0	\$ -
10/24/2024	23	314	8,683.75	\$ 27.63	146.97	0	\$ -

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Analysis of Purchased Power Cost vs. Woodsdale Average of Maximum and Minimum Load \$/MWh Fuel Cost

[A] = Woodsdale Average Heat Rate at Minimum Load	83,217	Btu/kWh
[B] = Maximum Monthly Natural Gas Price	\$2.99	\$/MMBtu
[C] = ([A] / 1000) * [B] = Woodsdale Fuel Cost at Minimum Load	\$ 248.82	\$/MWh
[D] = Woodsdale Average Heat Rate at Maximum Load	15,093	Btu/kWh
[E] = ([D] / 1000) * [B] = Woodsdale Fuel Cost at Maximum Load	\$ 45.13	\$/MWh
[F] = ([C]+[E])/2 = Average of Maximum and Minimum Load \$/MWh Fuel Cost	\$ 146.97	

Date	Hour Beginning	PJM Purchase Quantity (MWh)	PJM Purchase Cost (\$)	PJM Purchase Cost (\$/MWh)	[F] = Average of Maximum and Minimum Load \$/MWh Fuel Cost	Purchase Cost Exceeds Average of Maximum and Minimum Load \$/MWh Fuel Cost? (0 = No, 1 = Yes)	Purchase Power Cost Exceeding Average of Maximum and Minimum Load \$/MWh Fuel Cost
10/25/2024	0	352	8,755.15 \$	24.89 \$	146.97	0	\$ -
10/25/2024	1	344	7,937.31 \$	23.08 \$	146.97	0	\$ -
10/25/2024	2	342	8,571.69 \$	25.05 \$	146.97	0	\$ -
10/25/2024	3	261	7,156.08 \$	27.40 \$	146.97	0	\$ -
10/25/2024	4	266	9,156.86 \$	34.46 \$	146.97	0	\$ -
10/25/2024	5	222	12,263.49 \$	55.16 \$	146.97	0	\$ -
10/25/2024	6	191	14,898.71 \$	77.94 \$	146.97	0	\$ -
10/25/2024	7	191	10,342.13 \$	54.07 \$	146.97	0	\$ -
10/25/2024	8	316	10,655.55 \$	33.67 \$	146.97	0	\$ -
10/25/2024	9	301	9,792.54 \$	32.57 \$	146.97	0	\$ -
10/25/2024	10	278	8,422.94 \$	30.31 \$	146.97	0	\$ -
10/25/2024	11	302	8,941.32 \$	29.63 \$	146.97	0	\$ -
10/25/2024	12	279	8,014.53 \$	28.76 \$	146.97	0	\$ -
10/25/2024	13	285	8,027.26 \$	28.21 \$	146.97	0	\$ -
10/25/2024	14	329	9,435.19 \$	28.72 \$	146.97	0	\$ -
10/25/2024	15	303	9,233.05 \$	30.44 \$	146.97	0	\$ -
10/25/2024	16	275	12,950.24 \$	47.07 \$	146.97	0	\$ -
10/25/2024	17	295	16,379.04 \$	55.49 \$	146.97	0	\$ -
10/25/2024	18	228	9,366.59 \$	41.05 \$	146.97	0	\$ -
10/25/2024	19	284	9,644.29 \$	33.93 \$	146.97	0	\$ -
10/25/2024	20	262	9,079.99 \$	34.61 \$	146.97	0	\$ -
10/25/2024	21	223	6,752.92 \$	30.33 \$	146.97	0	\$ -
10/25/2024	22	295	8,005.17 \$	27.15 \$	146.97	0	\$ -
10/25/2024	23	364	9,137.33 \$	25.10 \$	146.97	0	\$ -
10/26/2024	0	348	7,570.68 \$	21.73 \$	146.97	0	\$ -
10/26/2024	1	334	6,534.97 \$	19.54 \$	146.97	0	\$ -
10/26/2024	2	328	6,143.83 \$	18.70 \$	146.97	0	\$ -
10/26/2024	3	326	6,251.66 \$	19.20 \$	146.97	0	\$ -
10/26/2024	4	334	6,388.23 \$	19.15 \$	146.97	0	\$ -
10/26/2024	5	342	7,124.65 \$	20.82 \$	146.97	0	\$ -
10/26/2024	6	314	8,450.26 \$	26.91 \$	146.97	0	\$ -
10/26/2024	7	358	9,945.02 \$	27.79 \$	146.97	0	\$ -
10/26/2024	8	386	8,349.62 \$	21.63 \$	146.97	0	\$ -
10/26/2024	9	396	8,574.49 \$	21.64 \$	146.97	0	\$ -
10/26/2024	10	402	8,731.69 \$	21.71 \$	146.97	0	\$ -
10/26/2024	11	401	8,597.00 \$	21.44 \$	146.97	0	\$ -

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Analysis of Purchased Power Cost vs. Woodsdale Average of Maximum and Minimum Load \$/MWh Fuel Cost

[A] = Woodsdale Average Heat Rate at Minimum Load	83,217	Btu/kWh
[B] = Maximum Monthly Natural Gas Price	\$2.99	\$/MMBtu
[C] = ([A] / 1000) * [B] = Woodsdale Fuel Cost at Minimum Load	\$ 248.82	\$/MWh
[D] = Woodsdale Average Heat Rate at Maximum Load	15,093	Btu/kWh
[E] = ([D] / 1000) * [B] = Woodsdale Fuel Cost at Maximum Load	\$ 45.13	\$/MWh
[F] = ([C]+[E])/2 = Average of Maximum and Minimum Load \$/MWh Fuel Cost	\$ 146.97	

Date	Hour Beginning	PJM Purchase Quantity (MWh)	PJM Purchase Cost (\$)	PJM Purchase Cost (\$/MWh)	[F] = Average of Maximum and Minimum Load \$/MWh Fuel Cost	Purchase Cost Exceeds Average of Maximum and Minimum Load \$/MWh Fuel Cost? (0 = No, 1 = Yes)	Purchase Power Cost Exceeding Average of Maximum and Minimum Load \$/MWh Fuel Cost
10/26/2024	12	400	8,185.31 \$	20.46 \$	146.97	0 \$	-
10/26/2024	13	400	7,781.02 \$	19.45 \$	146.97	0 \$	-
10/26/2024	14	404	8,279.22 \$	20.49 \$	146.97	0 \$	-
10/26/2024	15	408	8,789.18 \$	21.54 \$	146.97	0 \$	-
10/26/2024	16	353	11,736.64 \$	33.22 \$	146.97	0 \$	-
10/26/2024	17	210	9,609.25 \$	45.74 \$	146.97	0 \$	-
10/26/2024	18	173	7,398.78 \$	42.80 \$	146.97	0 \$	-
10/26/2024	19	297	9,267.73 \$	31.21 \$	146.97	0 \$	-
10/26/2024	20	389	11,990.82 \$	30.84 \$	146.97	0 \$	-
10/26/2024	21	379	10,777.79 \$	28.44 \$	146.97	0 \$	-
10/26/2024	22	361	10,033.69 \$	27.78 \$	146.97	0 \$	-
10/26/2024	23	345	8,380.01 \$	24.27 \$	146.97	0 \$	-
10/27/2024	0	337	7,695.76 \$	22.87 \$	146.97	0 \$	-
10/27/2024	1	338	7,057.00 \$	20.90 \$	146.97	0 \$	-
10/27/2024	2	327	6,951.26 \$	21.28 \$	146.97	0 \$	-
10/27/2024	3	314	6,847.59 \$	21.83 \$	146.97	0 \$	-
10/27/2024	4	183	4,378.61 \$	23.99 \$	146.97	0 \$	-
10/27/2024	5	177	4,748.08 \$	26.78 \$	146.97	0 \$	-
10/27/2024	6	138	4,595.87 \$	33.30 \$	146.97	0 \$	-
10/27/2024	7	204	6,546.01 \$	32.10 \$	146.97	0 \$	-
10/27/2024	8	209	4,570.77 \$	21.86 \$	146.97	0 \$	-
10/27/2024	9	211	4,203.81 \$	19.90 \$	146.97	0 \$	-
10/27/2024	10	237	4,698.08 \$	19.80 \$	146.97	0 \$	-
10/27/2024	11	206	4,092.07 \$	19.83 \$	146.97	0 \$	-
10/27/2024	12	243	4,606.37 \$	18.94 \$	146.97	0 \$	-
10/27/2024	13	219	4,049.34 \$	18.47 \$	146.97	0 \$	-
10/27/2024	14	271	5,228.73 \$	19.27 \$	146.97	0 \$	-
10/27/2024	15	215	4,959.46 \$	23.04 \$	146.97	0 \$	-
10/27/2024	16	196	7,049.20 \$	35.98 \$	146.97	0 \$	-
10/27/2024	17	120	5,979.90 \$	49.93 \$	146.97	0 \$	-
10/27/2024	18	122	6,138.87 \$	50.49 \$	146.97	0 \$	-
10/27/2024	19	106	3,693.98 \$	34.99 \$	146.97	0 \$	-
10/27/2024	20	41	1,283.43 \$	31.63 \$	146.97	0 \$	-
10/27/2024	21	19	540.01 \$	28.74 \$	146.97	0 \$	-
10/27/2024	22	267	7,154.16 \$	26.80 \$	146.97	0 \$	-
10/27/2024	23	353	7,814.56 \$	22.13 \$	146.97	0 \$	-

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Analysis of Purchased Power Cost vs. Woodsdale Average of Maximum and Minimum Load \$/MWh Fuel Cost

[A] = Woodsdale Average Heat Rate at Minimum Load	83,217	Btu/kWh
[B] = Maximum Monthly Natural Gas Price	\$2.99	\$/MMBtu
[C] = ([A] / 1000) * [B] = Woodsdale Fuel Cost at Minimum Load	\$ 248.82	\$/MWh
[D] = Woodsdale Average Heat Rate at Maximum Load	15,093	Btu/kWh
[E] = ([D] / 1000) * [B] = Woodsdale Fuel Cost at Maximum Load	\$ 45.13	\$/MWh
[F] = ([C]+[E])/2 = Average of Maximum and Minimum Load \$/MWh Fuel Cost	\$ 146.97	

Date	Hour Beginning	PJM Purchase Quantity (MWh)	PJM Purchase Cost (\$)	PJM Purchase Cost (\$/MWh)	[F] = Average of Maximum and Minimum Load \$/MWh Fuel Cost	Purchase Cost Exceeds Average of Maximum and Minimum Load \$/MWh Fuel Cost? (0 = No, 1 = Yes)	Purchase Power Cost Exceeding Average of Maximum and Minimum Load \$/MWh Fuel Cost
10/28/2024	0	344	7,437.62 \$	21.62 \$	146.97	0	\$ -
10/28/2024	1	341	7,129.55 \$	20.92 \$	146.97	0	\$ -
10/28/2024	2	344	7,471.19 \$	21.73 \$	146.97	0	\$ -
10/28/2024	3	360	8,736.07 \$	24.30 \$	146.97	0	\$ -
10/28/2024	4	302	8,833.47 \$	29.22 \$	146.97	0	\$ -
10/28/2024	5	314	15,669.28 \$	49.83 \$	146.97	0	\$ -
10/28/2024	6	142	12,198.96 \$	85.90 \$	146.97	0	\$ -
10/28/2024	7	272	12,739.61 \$	46.79 \$	146.97	0	\$ -
10/28/2024	8	287	7,874.55 \$	27.48 \$	146.97	0	\$ -
10/28/2024	9	227	5,946.67 \$	26.21 \$	146.97	0	\$ -
10/28/2024	10	291	7,638.91 \$	26.26 \$	146.97	0	\$ -
10/28/2024	11	265	6,504.01 \$	24.55 \$	146.97	0	\$ -
10/28/2024	12	271	6,065.62 \$	22.39 \$	146.97	0	\$ -
10/28/2024	13	258	5,627.14 \$	21.81 \$	146.97	0	\$ -
10/28/2024	14	235	5,030.06 \$	21.40 \$	146.97	0	\$ -
10/28/2024	15	222	5,501.23 \$	24.82 \$	146.97	0	\$ -
10/28/2024	16	229	8,082.81 \$	35.25 \$	146.97	0	\$ -
10/28/2024	17	208	10,186.20 \$	49.01 \$	146.97	0	\$ -
10/28/2024	18	286	10,478.03 \$	36.68 \$	146.97	0	\$ -
10/28/2024	19	321	9,037.62 \$	28.18 \$	146.97	0	\$ -
10/28/2024	20	342	9,148.67 \$	26.76 \$	146.97	0	\$ -
10/28/2024	21	382	8,531.01 \$	22.32 \$	146.97	0	\$ -
10/28/2024	22	390	8,013.28 \$	20.53 \$	146.97	0	\$ -
10/28/2024	23	372	6,602.50 \$	17.76 \$	146.97	0	\$ -
10/29/2024	0	358	6,057.64 \$	16.91 \$	146.97	0	\$ -
10/29/2024	1	350	5,853.44 \$	16.71 \$	146.97	0	\$ -
10/29/2024	2	346	5,850.70 \$	16.90 \$	146.97	0	\$ -
10/29/2024	3	357	6,442.06 \$	18.04 \$	146.97	0	\$ -
10/29/2024	4	377	7,914.04 \$	21.01 \$	146.97	0	\$ -
10/29/2024	5	328	10,917.35 \$	33.33 \$	146.97	0	\$ -
10/29/2024	6	342	15,827.31 \$	46.26 \$	146.97	0	\$ -
10/29/2024	7	370	11,633.20 \$	31.44 \$	146.97	0	\$ -
10/29/2024	8	380	9,402.92 \$	24.72 \$	146.97	0	\$ -
10/29/2024	9	398	9,393.38 \$	23.58 \$	146.97	0	\$ -
10/29/2024	10	400	9,677.30 \$	24.22 \$	146.97	0	\$ -
10/29/2024	11	362	9,425.13 \$	26.07 \$	146.97	0	\$ -

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Analysis of Purchased Power Cost vs. Woodsdale Average of Maximum and Minimum Load \$/MWh Fuel Cost

[A] = Woodsdale Average Heat Rate at Minimum Load	83,217	Btu/kWh
[B] = Maximum Monthly Natural Gas Price	\$2.99	\$/MMBtu
[C] = ([A] / 1000) * [B] = Woodsdale Fuel Cost at Minimum Load	\$ 248.82	\$/MWh
[D] = Woodsdale Average Heat Rate at Maximum Load	15,093	Btu/kWh
[E] = ([D] / 1000) * [B] = Woodsdale Fuel Cost at Maximum Load	\$ 45.13	\$/MWh
[F] = ([C]+[E])/2 = Average of Maximum and Minimum Load \$/MWh Fuel Cost	\$ 146.97	

Date	Hour Beginning	PJM Purchase Quantity (MWh)	PJM Purchase Cost (\$)	PJM Purchase Cost (\$/MWh)	[F] = Average of Maximum and Minimum Load \$/MWh Fuel Cost	Purchase Cost Exceeds Average of Maximum and Minimum Load \$/MWh Fuel Cost? (0 = No, 1 = Yes)	Purchase Power Cost Exceeding Average of Maximum and Minimum Load \$/MWh Fuel Cost
10/29/2024	12	404	11,125.47 \$	27.52 \$	146.97	0	\$ -
10/29/2024	13	390	10,809.68 \$	27.69 \$	146.97	0	\$ -
10/29/2024	14	423	12,464.24 \$	29.45 \$	146.97	0	\$ -
10/29/2024	15	373	12,848.60 \$	34.41 \$	146.97	0	\$ -
10/29/2024	16	348	17,000.07 \$	48.85 \$	146.97	0	\$ -
10/29/2024	17	261	15,751.45 \$	60.41 \$	146.97	0	\$ -
10/29/2024	18	225	10,700.24 \$	47.65 \$	146.97	0	\$ -
10/29/2024	19	173	6,076.08 \$	35.19 \$	146.97	0	\$ -
10/29/2024	20	215	6,646.15 \$	30.91 \$	146.97	0	\$ -
10/29/2024	21	308	7,853.90 \$	25.53 \$	146.97	0	\$ -
10/29/2024	22	281	6,188.16 \$	22.02 \$	146.97	0	\$ -
10/29/2024	23	367	5,943.84 \$	16.18 \$	146.97	0	\$ -
10/30/2024	0	369	5,348.27 \$	14.50 \$	146.97	0	\$ -
10/30/2024	1	359	4,771.02 \$	13.29 \$	146.97	0	\$ -
10/30/2024	2	353	4,621.89 \$	13.09 \$	146.97	0	\$ -
10/30/2024	3	356	4,925.61 \$	13.84 \$	146.97	0	\$ -
10/30/2024	4	378	6,422.81 \$	16.97 \$	146.97	0	\$ -
10/30/2024	5	374	10,167.94 \$	27.21 \$	146.97	0	\$ -
10/30/2024	6	362	11,600.66 \$	32.00 \$	146.97	0	\$ -
10/30/2024	7	343	9,545.87 \$	27.87 \$	146.97	0	\$ -
10/30/2024	8	364	7,829.91 \$	21.54 \$	146.97	0	\$ -
10/30/2024	9	456	9,915.42 \$	21.72 \$	146.97	0	\$ -
10/30/2024	10	472	10,664.82 \$	22.58 \$	146.97	0	\$ -
10/30/2024	11	486	12,721.74 \$	26.16 \$	146.97	0	\$ -
10/30/2024	12	496	13,496.51 \$	27.20 \$	146.97	0	\$ -
10/30/2024	13	476	13,462.11 \$	28.28 \$	146.97	0	\$ -
10/30/2024	14	434	12,592.48 \$	28.99 \$	146.97	0	\$ -
10/30/2024	15	436	15,021.78 \$	34.43 \$	146.97	0	\$ -
10/30/2024	16	392	20,008.07 \$	51.04 \$	146.97	0	\$ -
10/30/2024	17	311	17,404.42 \$	56.02 \$	146.97	0	\$ -
10/30/2024	18	257	11,706.14 \$	45.62 \$	146.97	0	\$ -
10/30/2024	19	331	10,812.98 \$	32.69 \$	146.97	0	\$ -
10/30/2024	20	370	10,584.43 \$	28.60 \$	146.97	0	\$ -
10/30/2024	21	381	8,640.71 \$	22.70 \$	146.97	0	\$ -
10/30/2024	22	404	8,160.17 \$	20.19 \$	146.97	0	\$ -
10/30/2024	23	389	6,595.63 \$	16.98 \$	146.97	0	\$ -

Duke Energy Kentucky
Oct-24
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Analysis of Purchased Power Cost vs. Woodsdale Average of Maximum and Minimum Load \$/MWh Fuel Cost

[A] = Woodsdale Average Heat Rate at Minimum Load	83,217	Btu/kWh
[B] = Maximum Monthly Natural Gas Price	\$2.99	\$/MMBtu
[C] = ([A] / 1000) * [B] = Woodsdale Fuel Cost at Minimum Load	\$ 248.82	\$/MWh
[D] = Woodsdale Average Heat Rate at Maximum Load	15,093	Btu/kWh
[E] = ([D] / 1000) * [B] = Woodsdale Fuel Cost at Maximum Load	\$ 45.13	\$/MWh
[F] = ([C]+[E])/2 = Average of Maximum and Minimum Load \$/MWh Fuel Cost	\$ 146.97	

Date	Hour Beginning	PJM Purchase Quantity (MWH)	PJM Purchase Cost (\$)	PJM Purchase Cost (\$/MWh)	[F] = Average of Maximum and Minimum Load \$/MWh Fuel Cost	Purchase Cost Exceeds Average of Maximum and Minimum Load \$/MWh Fuel Cost? (0 = No, 1 = Yes)	Purchase Power Cost Exceeding Average of Maximum and Minimum Load \$/MWh Fuel Cost
10/31/2024	0	375	6,092.77	\$ 16.25	146.97	0	\$ -
10/31/2024	1	361	5,473.74	\$ 15.16	146.97	0	\$ -
10/31/2024	2	358	5,034.52	\$ 14.05	146.97	0	\$ -
10/31/2024	3	364	5,532.45	\$ 15.19	146.97	0	\$ -
10/31/2024	4	389	6,978.15	\$ 17.95	146.97	0	\$ -
10/31/2024	5	419	11,679.33	\$ 27.84	146.97	0	\$ -
10/31/2024	6	453	14,797.71	\$ 32.67	146.97	0	\$ -
10/31/2024	7	461	12,806.07	\$ 27.79	146.97	0	\$ -
10/31/2024	8	471	10,241.93	\$ 21.76	146.97	0	\$ -
10/31/2024	9	483	10,517.28	\$ 21.79	146.97	0	\$ -
10/31/2024	10	487	12,363.18	\$ 25.41	146.97	0	\$ -
10/31/2024	11	493	12,738.65	\$ 25.83	146.97	0	\$ -
10/31/2024	12	496	13,761.87	\$ 27.74	146.97	0	\$ -
10/31/2024	13	478	13,201.47	\$ 27.61	146.97	0	\$ -
10/31/2024	14	474	13,923.48	\$ 29.38	146.97	0	\$ -
10/31/2024	15	470	16,207.26	\$ 34.46	146.97	0	\$ -
10/31/2024	16	462	20,230.47	\$ 43.77	146.97	0	\$ -
10/31/2024	17	450	24,035.59	\$ 53.36	146.97	0	\$ -
10/31/2024	18	443	20,604.46	\$ 46.55	146.97	0	\$ -
10/31/2024	19	450	15,481.73	\$ 34.38	146.97	0	\$ -
10/31/2024	20	437	13,223.94	\$ 30.24	146.97	0	\$ -
10/31/2024	21	413	10,690.33	\$ 25.91	146.97	0	\$ -
10/31/2024	22	392	9,105.54	\$ 23.22	146.97	0	\$ -
10/31/2024	23	368	7,648.47	\$ 20.76	146.97	0	\$ -
		259,073.08	8,355,168.32				0.00

KY PJM Charge Detail
Net Fuel Related RTO Billing Line Items
October 31, 2024

<u>PJM Statement</u>	<u>Native FAC</u>
1230-Inad Inter	\$ (1,719.44)
1250-Meter Err Cor	\$ (74.71)
1340-Regulation	\$ (91,597.12)
1360-Synch Reserve	\$ (41,788.87)
1370-Operating Resrv	\$ (28,172.06)
1375-Bal Opr Rsrv	\$ (17,134.08)
1378-Reactive Servc	\$ (109.74)
1500-FTR Shortfall	\$ 0.16
1500-Mthly FTR Prem	\$ (4,263.57)
2215-Bal Trns Cng Cr	\$ (136,056.08)
2220-Tran Loss	\$ 129,590.98
2340-Lost Opp. Cost	\$ 134,773.23
2360-Synch Reserve	\$ 14,931.27
2375-Bal Opr Rsrv Cr	\$ 132,546.88
2510-ARR	\$ 434,644.49
FTR	\$ 24,030.24
PJM Annual FTR Prem	\$ (199,531.05)
PJM Mthly FTR Prem	\$ (27,426.74)
Reg.Supply	\$ 632,941.83
	<u>\$ 955,585.62</u>
 Congestion & Losses	 <u>\$ (176,770.68)</u>
 Net Fuel Related RTO Billing Line Items	 <u><u>\$ 1,132,356.30</u></u>