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Libbie Miller
Rates & Regulatory Manager

January 24, 2025

Ms. Linda Bridwell, Executive Director

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

RECEIVED

JAN 24 2025

PUBLIC SERVICE
COMMISSION

Dear Ms. Bridwell:

In compliance with 807 KAR 5:056, enclosed for the month of November 2024 are Duke Energy Kentucky's supplemental schedules for the fuel adjustment clause applied to customers' bills in the month of January 2025.

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: November 30, 2024

Unit: → East Bend Unit 2

	Amount	MMBtu	Per Unit	Tons	Per Unit
Beginning Inventory	\$ 19,380,849	N/A	N/A	264,092	\$ 73.39
Purchases	\$ 4,464,083	1,458,664	\$ 3.06	62,643	\$ 71.26
Sub-Total	\$ 23,844,932	N/A	N/A	326,735	\$ 72.98
Less: Fuel Burned	\$ 6,492,826	2,051,101	\$ 3.17	88,962	\$ 72.98
Ending Inventory	\$ 17,352,106	N/A	N/A	237,773	\$ 72.98

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

* - Amount of KY sourced coal burned

Total Tons Burned
 % of KY Sourced Coal Purchased
 Tons of KY Sourced Coal Burned

East Bend Unit 2
88,962
0.00%
0

DUKE ENERGY KENTUCKY

Fuel Type: Gas
Month Ended: November 30, 2024
Unit: Woodsdale

	Amount (\$)	MCF	\$/MCF
Beginning Inventory	\$ -	-	-
Purchases	\$ 1,271,452	509,625	\$ 2.49
Sub-Total	\$ 1,271,452	509,625	\$ 2.49
Less: Fuel Burned	\$ 1,271,452	509,625	\$ 2.49
Ending Inventory	\$ -	-	\$ -

Note: Totals may not foot due to rounding

DUKE ENERGY KENTUCKY

Fuel Type: Oil
Month Ended: November 30, 2024
Unit: East Bend

	Amount (\$)	Gallons	\$/Gallon
Beginning Inventory	\$ 802,058	308,087	\$ 2.60
Purchases	\$ 248,950	104,907	\$ 2.37
Sub-Total	\$ 1,051,008	412,994	\$ 2.54
Less: Fuel Burned	\$ 473,364	186,010	\$ 2.54
Ending Inventory	\$ 577,644	226,984	\$ 2.54

Fuel Type: Oil
Month Ended: November 30, 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	\$ 691,883	248,499	\$ 2.78
Ending Inventory	\$ 9,997,585	3,590,766	\$ 2.78
Total DEK Ending Inventory	\$ 10,575,229		

Note: Totals may not foot due to rounding

DUKE ENERGY KENTUCKY

Resource Type:
Month Ended:

Purchased Power & Sales
November 30, 2024

Supplier/Buyer	Transaction Type	kWh	Charges (\$)			
			Demand	Fuel	Other	Total
PJM Interconnection, LLC	Econ Purch	145,113,810			4,185,205	4,185,205
L'Oreal USA	Econ Purch				3	3
IntercontinentalExchange, L.L.C. (Intercont Exchng B)	Financial Hedges				597	597
Wells Fargo Securities, LLC (Wells Fargo Secur)	Financial Hedges				5	5
Wells Fargo Securities, LLC (Wells Fargo Secur)	Financial Hedges				637,828	637,828
	Total Purchases	<u>145,113,810</u>	<u>0</u>	<u>0</u>	<u>4,823,638</u>	<u>4,823,638</u>
PJM Interconnection, LLC	Econ Sales	12,032,770		650,808	(239,485)	411,323
	Total Sales	<u>12,032,770</u>	<u>0</u>	<u>650,808</u>	<u>(239,485)</u>	<u>411,323</u>

DUKE ENERGY KENTUCKY

Gas/Propane Purchases Details

Month Ended: November 30, 2024

Station Name	Supplier	Purchase Order	Transport Method	MCF	Btu/MCF	Delivered Cost		Quality
						\$/MCF	\$/MMBtu	%SO ₂
Woodsdale	ECO-ENERGY	N/A	Pipeline	130,248	1.028	\$ 2.55	\$ 2.48	N/A
Woodsdale	NJR	N/A	Pipeline	-	1.028	\$ -	\$ -	N/A
Woodsdale	TENASKA	N/A	Pipeline	243,191	1.028	\$ 2.64	\$ 2.57	N/A
Woodsdale	TWIN EAGLE	N/A	Pipeline	-	1.028	\$ -	\$ -	N/A
Woodsdale	NRG BUSINESS MARKETING	N/A	Pipeline	19,455	1.028	\$ 2.19	\$ 2.13	N/A
Woodsdale	VITOL	N/A	Pipeline	<u>116,732</u>	<u>1.028</u>	<u>\$ 2.19</u>	<u>\$ 2.13</u>	<u>N/A</u>
				509,625	1.028	\$ 2.49	\$ 2.43	

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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	\$3.68	\$/MMBtu
[C] = ([A] / 1000) * [B] = Woodsdale Fuel Cost at Minimum Load	\$ 305.82	\$/MWh
[D] = Woodsdale Average Heat Rate at Maximum Load	15,093	Btu/kWh
[E] = ([D] / 1000) * [B] = Woodsdale Fuel Cost at Maximum Load	\$ 55.47	\$/MWh
[F] = ([C]+[E])/2 = Average of Maximum and Minimum Load \$/MWh Fuel Cost	\$ 180.64	

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
11/1/2024	0	360	6,801.52	\$ 18.91	180.64	0	\$ -
11/1/2024	1	342	5,960.42	\$ 17.42	180.64	0	\$ -
11/1/2024	2	338	5,847.38	\$ 17.32	180.64	0	\$ -
11/1/2024	3	339	6,261.76	\$ 18.50	180.64	0	\$ -
11/1/2024	4	358	7,497.39	\$ 20.93	180.64	0	\$ -
11/1/2024	5	392	13,028.75	\$ 33.25	180.64	0	\$ -
11/1/2024	6	424	19,894.98	\$ 46.96	180.64	0	\$ -
11/1/2024	7	431	19,735.34	\$ 45.84	180.64	0	\$ -
11/1/2024	8	438	16,370.35	\$ 37.34	180.64	0	\$ -
11/1/2024	9	436	15,184.96	\$ 34.79	180.64	0	\$ -
11/1/2024	10	432	14,550.67	\$ 33.72	180.64	0	\$ -
11/1/2024	11	433	14,841.86	\$ 34.31	180.64	0	\$ -
11/1/2024	12	433	13,611.13	\$ 31.46	180.64	0	\$ -
11/1/2024	13	430	13,120.33	\$ 30.54	180.64	0	\$ -
11/1/2024	14	427	12,844.90	\$ 30.10	180.64	0	\$ -
11/1/2024	15	434	15,907.69	\$ 36.69	180.64	0	\$ -
11/1/2024	16	428	20,066.99	\$ 46.92	180.64	0	\$ -
11/1/2024	17	428	23,017.46	\$ 53.72	180.64	0	\$ -
11/1/2024	18	433	19,677.98	\$ 45.40	180.64	0	\$ -
11/1/2024	19	425	15,152.78	\$ 35.61	180.64	0	\$ -
11/1/2024	20	408	14,939.77	\$ 36.58	180.64	0	\$ -
11/1/2024	21	396	13,668.95	\$ 34.56	180.64	0	\$ -
11/1/2024	22	378	11,026.91	\$ 29.17	180.64	0	\$ -
11/1/2024	23	364	11,103.23	\$ 30.48	180.64	0	\$ -
11/2/2024	0	342	8,629.01	\$ 25.27	180.64	0	\$ -
11/2/2024	1	340	7,309.97	\$ 21.47	180.64	0	\$ -
11/2/2024	2	337	7,060.78	\$ 20.92	180.64	0	\$ -
11/2/2024	3	344	7,480.63	\$ 21.73	180.64	0	\$ -
11/2/2024	4	344	7,579.84	\$ 22.03	180.64	0	\$ -
11/2/2024	5	301	7,513.32	\$ 24.95	180.64	0	\$ -
11/2/2024	6	180	6,562.05	\$ 36.45	180.64	0	\$ -
11/2/2024	7	262	8,744.24	\$ 33.40	180.64	0	\$ -
11/2/2024	8	419	9,576.58	\$ 22.87	180.64	0	\$ -
11/2/2024	9	415	8,785.73	\$ 21.17	180.64	0	\$ -
11/2/2024	10	414	8,177.94	\$ 19.74	180.64	0	\$ -
11/2/2024	11	405	7,892.37	\$ 19.47	180.64	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	\$3.68	\$/MMBtu
[C] = ([A] / 1000) * [B] = Woodsdale Fuel Cost at Minimum Load	\$ 305.82	\$/MWh
[D] = Woodsdale Average Heat Rate at Maximum Load	15,093	Btu/kWh
[E] = ([D] / 1000) * [B] = Woodsdale Fuel Cost at Maximum Load	\$ 55.47	\$/MWh
[F] = ([C]+[E])/2 = Average of Maximum and Minimum Load \$/MWh Fuel Cost	\$ 180.64	

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
11/2/2024	12	344	6,007.27	\$ 17.48	180.64	0	\$ -
11/2/2024	13	400	7,103.04	\$ 17.78	180.64	0	\$ -
11/2/2024	14	397	7,059.58	\$ 17.80	180.64	0	\$ -
11/2/2024	15	393	8,341.26	\$ 21.20	180.64	0	\$ -
11/2/2024	16	297	8,708.77	\$ 29.28	180.64	0	\$ -
11/2/2024	17	121	5,374.59	\$ 44.37	180.64	0	\$ -
11/2/2024	18	161	6,550.96	\$ 40.72	180.64	0	\$ -
11/2/2024	19	278	8,862.20	\$ 31.92	180.64	0	\$ -
11/2/2024	20	256	7,484.61	\$ 29.20	180.64	0	\$ -
11/2/2024	21	266	7,087.45	\$ 26.69	180.64	0	\$ -
11/2/2024	22	270	6,072.50	\$ 22.51	180.64	0	\$ -
11/2/2024	23	281	5,421.37	\$ 19.30	180.64	0	\$ -
11/3/2024	0	335	5,164.68	\$ 15.42	180.64	0	\$ -
11/3/2024	1	335	-	\$ -	180.64	0	\$ -
11/3/2024	2	330	5,289.69	\$ 16.03	180.64	0	\$ -
11/3/2024	3	332	5,540.19	\$ 16.69	180.64	0	\$ -
11/3/2024	4	336	5,798.46	\$ 17.25	180.64	0	\$ -
11/3/2024	5	343	7,234.46	\$ 21.09	180.64	0	\$ -
11/3/2024	6	359	9,190.06	\$ 25.63	180.64	0	\$ -
11/3/2024	7	281	6,631.55	\$ 23.64	180.64	0	\$ -
11/3/2024	8	374	6,599.80	\$ 17.66	180.64	0	\$ -
11/3/2024	9	393	6,259.34	\$ 15.93	180.64	0	\$ -
11/3/2024	10	393	5,770.21	\$ 14.69	180.64	0	\$ -
11/3/2024	11	392	5,746.44	\$ 14.66	180.64	0	\$ -
11/3/2024	12	393	5,898.12	\$ 15.01	180.64	0	\$ -
11/3/2024	13	397	5,993.65	\$ 15.09	180.64	0	\$ -
11/3/2024	14	357	5,770.42	\$ 16.16	180.64	0	\$ -
11/3/2024	15	370	7,027.52	\$ 18.99	180.64	0	\$ -
11/3/2024	16	231	7,436.61	\$ 32.26	180.64	0	\$ -
11/3/2024	17	260	11,309.84	\$ 43.44	180.64	0	\$ -
11/3/2024	18	206	6,995.78	\$ 33.90	180.64	0	\$ -
11/3/2024	19	273	7,542.78	\$ 27.58	180.64	0	\$ -
11/3/2024	20	294	7,181.19	\$ 24.46	180.64	0	\$ -
11/3/2024	21	308	6,717.94	\$ 21.84	180.64	0	\$ -
11/3/2024	22	230	4,792.44	\$ 20.83	180.64	0	\$ -
11/3/2024	23	275	5,104.61	\$ 18.55	180.64	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	\$3.68	\$/MMBtu
[C] = ([A] / 1000) * [B] = Woodsdale Fuel Cost at Minimum Load	\$ 305.82	\$/MWh
[D] = Woodsdale Average Heat Rate at Maximum Load	15,093	Btu/kWh
[E] = ([D] / 1000) * [B] = Woodsdale Fuel Cost at Maximum Load	\$ 55.47	\$/MWh
[F] = ([C]+[E])/2 = Average of Maximum and Minimum Load \$/MWh Fuel Cost	\$ 180.64	

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
11/4/2024	0	303	4,443.31	\$ 14.66	180.64	0	\$ -
11/4/2024	1	333	4,916.38	\$ 14.76	180.64	0	\$ -
11/4/2024	2	332	4,411.51	\$ 13.28	180.64	0	\$ -
11/4/2024	3	334	4,585.20	\$ 13.72	180.64	0	\$ -
11/4/2024	4	300	4,759.30	\$ 15.89	180.64	0	\$ -
11/4/2024	5	150	3,146.54	\$ 20.95	180.64	0	\$ -
11/4/2024	6	20	776.98	\$ 39.68	180.64	0	\$ -
11/4/2024	7	186	6,658.48	\$ 35.73	180.64	0	\$ -
11/4/2024	8	138	3,751.45	\$ 27.15	180.64	0	\$ -
11/4/2024	9	193	4,250.78	\$ 22.02	180.64	0	\$ -
11/4/2024	10	198	4,448.57	\$ 22.48	180.64	0	\$ -
11/4/2024	11	366	8,596.50	\$ 23.47	180.64	0	\$ -
11/4/2024	12	241	6,080.42	\$ 25.19	180.64	0	\$ -
11/4/2024	13	217	5,571.06	\$ 25.64	180.64	0	\$ -
11/4/2024	14	246	6,281.41	\$ 25.50	180.64	0	\$ -
11/4/2024	15	202	5,383.77	\$ 26.64	180.64	0	\$ -
11/4/2024	16	207	7,371.41	\$ 35.62	180.64	0	\$ -
11/4/2024	17	142	7,706.48	\$ 54.45	180.64	0	\$ -
11/4/2024	18	242	10,020.37	\$ 41.48	180.64	0	\$ -
11/4/2024	19	220	7,620.47	\$ 34.69	180.64	0	\$ -
11/4/2024	20	280	7,404.87	\$ 26.46	180.64	0	\$ -
11/4/2024	21	260	6,240.81	\$ 24.01	180.64	0	\$ -
11/4/2024	22	228	4,508.98	\$ 19.81	180.64	0	\$ -
11/4/2024	23	224	3,752.57	\$ 16.75	180.64	0	\$ -
11/5/2024	0	333	5,333.32	\$ 15.99	180.64	0	\$ -
11/5/2024	1	368	5,216.60	\$ 14.19	180.64	0	\$ -
11/5/2024	2	359	4,741.33	\$ 13.19	180.64	0	\$ -
11/5/2024	3	354	4,675.69	\$ 13.20	180.64	0	\$ -
11/5/2024	4	361	5,541.71	\$ 15.35	180.64	0	\$ -
11/5/2024	5	385	7,420.53	\$ 19.30	180.64	0	\$ -
11/5/2024	6	306	8,570.09	\$ 28.04	180.64	0	\$ -
11/5/2024	7	385	11,421.38	\$ 29.67	180.64	0	\$ -
11/5/2024	8	370	8,403.71	\$ 22.71	180.64	0	\$ -
11/5/2024	9	396	8,061.82	\$ 20.36	180.64	0	\$ -
11/5/2024	10	433	9,232.86	\$ 21.34	180.64	0	\$ -
11/5/2024	11	403	9,345.26	\$ 23.17	180.64	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	\$3.68	\$/MMBtu
[C] = ([A] / 1000) * [B] = Woodsdale Fuel Cost at Minimum Load	\$ 305.82	\$/MWh
[D] = Woodsdale Average Heat Rate at Maximum Load	15,093	Btu/kWh
[E] = ([D] / 1000) * [B] = Woodsdale Fuel Cost at Maximum Load	\$ 55.47	\$/MWh
[F] = ([C]+[E])/2 = Average of Maximum and Minimum Load \$/MWh Fuel Cost	\$ 180.64	

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
11/5/2024	12	204	5,404.86	\$ 26.50	180.64	0	\$ -
11/5/2024	13	248	7,129.76	\$ 28.80	180.64	0	\$ -
11/5/2024	14	312	9,383.48	\$ 30.12	180.64	0	\$ -
11/5/2024	15	367	11,247.00	\$ 30.68	180.64	0	\$ -
11/5/2024	16	236	10,054.23	\$ 42.69	180.64	0	\$ -
11/5/2024	17	22	1,219.66	\$ 55.97	180.64	0	\$ -
11/5/2024	18	18	770.54	\$ 43.81	180.64	0	\$ -
11/5/2024	19	43	1,566.09	\$ 36.24	180.64	0	\$ -
11/5/2024	20	59	1,802.13	\$ 30.35	180.64	0	\$ -
11/7/2024	5	26	635.88	\$ 24.80	180.64	0	\$ -
11/7/2024	12	37	1,364.50	\$ 37.15	180.64	0	\$ -
11/7/2024	13	50	1,785.68	\$ 35.37	180.64	0	\$ -
11/7/2024	14	60	2,005.37	\$ 33.16	180.64	0	\$ -
11/7/2024	15	63	2,225.76	\$ 35.15	180.64	0	\$ -
11/7/2024	16	59	2,878.43	\$ 49.20	180.64	0	\$ -
11/7/2024	17	65	4,626.16	\$ 70.78	180.64	0	\$ -
11/7/2024	18	60	3,268.94	\$ 54.27	180.64	0	\$ -
11/7/2024	19	64	2,664.04	\$ 41.39	180.64	0	\$ -
11/7/2024	20	52	1,840.16	\$ 35.57	180.64	0	\$ -
11/7/2024	21	32	1,077.23	\$ 33.93	180.64	0	\$ -
11/7/2024	22	14	426.89	\$ 30.02	180.64	0	\$ -
11/8/2024	0	60	1,285.83	\$ 21.59	180.64	0	\$ -
11/8/2024	1	30	565.50	\$ 18.88	180.64	0	\$ -
11/8/2024	2	23	397.99	\$ 17.21	180.64	0	\$ -
11/8/2024	3	16	280.73	\$ 17.35	180.64	0	\$ -
11/8/2024	4	23	425.59	\$ 18.53	180.64	0	\$ -
11/8/2024	5	21	510.47	\$ 24.79	180.64	0	\$ -
11/8/2024	6	63	2,309.79	\$ 36.77	180.64	0	\$ -
11/8/2024	7	41	1,657.99	\$ 40.37	180.64	0	\$ -
11/8/2024	8	55	1,659.61	\$ 29.98	180.64	0	\$ -
11/8/2024	10	45	1,098.60	\$ 24.63	180.64	0	\$ -
11/8/2024	11	112	2,606.03	\$ 23.17	180.64	0	\$ -
11/8/2024	12	106	2,510.54	\$ 23.77	180.64	0	\$ -
11/8/2024	13	113	2,594.59	\$ 23.06	180.64	0	\$ -
11/8/2024	14	80	1,845.98	\$ 22.93	180.64	0	\$ -
11/8/2024	22	44	1,007.00	\$ 22.92	180.64	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	\$3.68	\$/MMBtu
[C] = ([A] / 1000) * [B] = Woodsdale Fuel Cost at Minimum Load	\$ 305.82	\$/MWh
[D] = Woodsdale Average Heat Rate at Maximum Load	15,093	Btu/kWh
[E] = ([D] / 1000) * [B] = Woodsdale Fuel Cost at Maximum Load	\$ 55.47	\$/MWh
[F] = ([C]+[E])/2 = Average of Maximum and Minimum Load \$/MWh Fuel Cost	\$ 180.64	

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
11/8/2024	23	34	640.27	\$ 18.86	180.64	0	\$ -
11/9/2024	0	16	327.75	\$ 20.17	180.64	0	\$ -
11/9/2024	1	6	101.02	\$ 18.17	180.64	0	\$ -
11/9/2024	7	19	439.88	\$ 23.02	180.64	0	\$ -
11/9/2024	8	21	413.81	\$ 19.32	180.64	0	\$ -
11/9/2024	9	62	1,087.96	\$ 17.62	180.64	0	\$ -
11/9/2024	10	62	1,059.68	\$ 17.13	180.64	0	\$ -
11/9/2024	11	44	753.63	\$ 17.16	180.64	0	\$ -
11/9/2024	12	34	563.39	\$ 16.62	180.64	0	\$ -
11/9/2024	13	28	454.24	\$ 16.24	180.64	0	\$ -
11/9/2024	14	26	438.45	\$ 16.92	180.64	0	\$ -
11/11/2024	16	40	1,395.24	\$ 34.60	180.64	0	\$ -
11/11/2024	20	4	112.22	\$ 28.20	180.64	0	\$ -
11/11/2024	21	35	885.81	\$ 25.46	180.64	0	\$ -
11/11/2024	22	29	735.10	\$ 25.18	180.64	0	\$ -
11/11/2024	23	4	78.32	\$ 20.40	180.64	0	\$ -
11/12/2024	5	26	591.87	\$ 23.04	180.64	0	\$ -
11/12/2024	6	100	3,980.33	\$ 39.66	180.64	0	\$ -
11/12/2024	7	1	23.68	\$ 36.43	180.64	0	\$ -
11/12/2024	8	50	1,295.64	\$ 25.89	180.64	0	\$ -
11/12/2024	10	34	799.26	\$ 23.49	180.64	0	\$ -
11/12/2024	11	41	960.63	\$ 23.45	180.64	0	\$ -
11/12/2024	12	38	905.45	\$ 23.78	180.64	0	\$ -
11/12/2024	13	30	707.40	\$ 23.42	180.64	0	\$ -
11/12/2024	14	9	213.32	\$ 23.06	180.64	0	\$ -
11/12/2024	15	25	679.94	\$ 27.11	180.64	0	\$ -
11/12/2024	16	97	3,926.03	\$ 40.57	180.64	0	\$ -
11/12/2024	19	37	1,450.70	\$ 38.96	180.64	0	\$ -
11/12/2024	21	41	1,350.06	\$ 32.90	180.64	0	\$ -
11/12/2024	22	85	2,575.31	\$ 30.17	180.64	0	\$ -
11/12/2024	23	64	1,807.79	\$ 28.45	180.64	0	\$ -
11/13/2024	0	55	1,523.21	\$ 27.85	180.64	0	\$ -
11/13/2024	1	40	1,067.83	\$ 26.76	180.64	0	\$ -
11/13/2024	2	37	955.91	\$ 25.80	180.64	0	\$ -
11/13/2024	4	29	873.99	\$ 30.23	180.64	0	\$ -
11/13/2024	5	59	2,325.09	\$ 39.68	180.64	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	\$3.68	\$/MMBtu
[C] = ([A] / 1000) * [B] = Woodsdale Fuel Cost at Minimum Load	\$ 305.82	\$/MWh
[D] = Woodsdale Average Heat Rate at Maximum Load	15,093	Btu/kWh
[E] = ([D] / 1000) * [B] = Woodsdale Fuel Cost at Maximum Load	\$ 55.47	\$/MWh
[F] = ([C]+[E])/2 = Average of Maximum and Minimum Load \$/MWh Fuel Cost	\$ 180.64	

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
11/13/2024	6	26	2,043.42 \$	78.47 \$	180.64	0 \$	-
11/13/2024	7	35	2,752.48 \$	78.46 \$	180.64	0 \$	-
11/13/2024	8	44	1,765.76 \$	40.43 \$	180.64	0 \$	-
11/13/2024	9	39	1,114.74 \$	28.29 \$	180.64	0 \$	-
11/13/2024	10	111	3,116.72 \$	28.17 \$	180.64	0 \$	-
11/13/2024	11	112	3,028.30 \$	27.05 \$	180.64	0 \$	-
11/13/2024	12	114	2,935.86 \$	25.77 \$	180.64	0 \$	-
11/13/2024	13	117	2,974.00 \$	25.44 \$	180.64	0 \$	-
11/13/2024	14	85	2,310.79 \$	27.32 \$	180.64	0 \$	-
11/13/2024	15	45	1,436.10 \$	32.24 \$	180.64	0 \$	-
11/13/2024	16	176	8,194.96 \$	46.53 \$	180.64	0 \$	-
11/13/2024	17	31	1,713.81 \$	54.44 \$	180.64	0 \$	-
11/13/2024	18	66	3,191.24 \$	48.00 \$	180.64	0 \$	-
11/13/2024	19	4	155.47 \$	41.35 \$	180.64	0 \$	-
11/13/2024	20	45	1,601.85 \$	35.87 \$	180.64	0 \$	-
11/13/2024	21	43	1,429.40 \$	33.44 \$	180.64	0 \$	-
11/13/2024	23	36	916.01 \$	25.78 \$	180.64	0 \$	-
11/14/2024	0	37	919.82 \$	25.01 \$	180.64	0 \$	-
11/14/2024	1	29	678.96 \$	23.43 \$	180.64	0 \$	-
11/14/2024	2	22	496.34 \$	22.22 \$	180.64	0 \$	-
11/14/2024	3	21	473.35 \$	22.06 \$	180.64	0 \$	-
11/14/2024	4	32	764.02 \$	23.65 \$	180.64	0 \$	-
11/14/2024	5	3	79.41 \$	26.12 \$	180.64	0 \$	-
11/14/2024	6	82	3,310.03 \$	40.16 \$	180.64	0 \$	-
11/14/2024	8	93	4,056.74 \$	43.58 \$	180.64	0 \$	-
11/14/2024	9	75	3,119.77 \$	41.63 \$	180.64	0 \$	-
11/14/2024	10	71	2,988.36 \$	42.08 \$	180.64	0 \$	-
11/14/2024	15	42	1,399.97 \$	33.53 \$	180.64	0 \$	-
11/14/2024	16	68	2,534.65 \$	37.37 \$	180.64	0 \$	-
11/14/2024	17	112	5,539.76 \$	49.27 \$	180.64	0 \$	-
11/14/2024	18	88	3,650.47 \$	41.61 \$	180.64	0 \$	-
11/14/2024	19	37	1,370.60 \$	37.39 \$	180.64	0 \$	-
11/14/2024	21	32	1,039.42 \$	32.36 \$	180.64	0 \$	-
11/14/2024	22	80	2,204.88 \$	27.39 \$	180.64	0 \$	-
11/14/2024	23	59	1,482.08 \$	25.18 \$	180.64	0 \$	-
11/15/2024	0	39	995.79 \$	25.36 \$	180.64	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	\$3.68	\$/MMBtu
[C] = ([A] / 1000) * [B] = Woodsdale Fuel Cost at Minimum Load	\$ 305.82	\$/MWh
[D] = Woodsdale Average Heat Rate at Maximum Load	15,093	Btu/kWh
[E] = ([D] / 1000) * [B] = Woodsdale Fuel Cost at Maximum Load	\$ 55.47	\$/MWh
[F] = ([C]+[E])/2 = Average of Maximum and Minimum Load \$/MWh Fuel Cost	\$ 180.64	

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
11/15/2024	1	43	1,022.53 \$	24.01 \$	180.64	0 \$	-
11/15/2024	2	84	1,935.38 \$	23.07 \$	180.64	0 \$	-
11/15/2024	3	29	672.34 \$	23.23 \$	180.64	0 \$	-
11/15/2024	4	25	617.53 \$	24.88 \$	180.64	0 \$	-
11/15/2024	5	49	1,240.13 \$	25.11 \$	180.64	0 \$	-
11/15/2024	7	107	4,974.38 \$	46.60 \$	180.64	0 \$	-
11/15/2024	8	7	299.76 \$	44.47 \$	180.64	0 \$	-
11/15/2024	9	46	1,581.56 \$	34.63 \$	180.64	0 \$	-
11/15/2024	10	74	2,288.29 \$	31.12 \$	180.64	0 \$	-
11/15/2024	11	76	2,159.40 \$	28.54 \$	180.64	0 \$	-
11/15/2024	12	83	2,288.59 \$	27.71 \$	180.64	0 \$	-
11/15/2024	13	76	2,023.07 \$	26.48 \$	180.64	0 \$	-
11/15/2024	14	13	346.62 \$	25.83 \$	180.64	0 \$	-
11/15/2024	15	26	729.84 \$	27.60 \$	180.64	0 \$	-
11/15/2024	16	10	365.96 \$	35.22 \$	180.64	0 \$	-
11/15/2024	17	60	2,802.52 \$	46.57 \$	180.64	0 \$	-
11/15/2024	18	14	496.98 \$	36.79 \$	180.64	0 \$	-
11/15/2024	19	19	611.86 \$	32.79 \$	180.64	0 \$	-
11/15/2024	20	86	2,621.00 \$	30.55 \$	180.64	0 \$	-
11/15/2024	21	94	2,738.06 \$	29.17 \$	180.64	0 \$	-
11/15/2024	22	69	1,751.34 \$	25.28 \$	180.64	0 \$	-
11/15/2024	23	60	1,420.60 \$	23.87 \$	180.64	0 \$	-
11/16/2024	0	128	3,346.55 \$	26.19 \$	180.64	0 \$	-
11/16/2024	1	240	5,497.29 \$	22.91 \$	180.64	0 \$	-
11/16/2024	2	359	8,094.61 \$	22.53 \$	180.64	0 \$	-
11/16/2024	3	352	7,905.14 \$	22.43 \$	180.64	0 \$	-
11/16/2024	4	354	7,872.65 \$	22.22 \$	180.64	0 \$	-
11/16/2024	5	365	8,389.10 \$	22.97 \$	180.64	0 \$	-
11/16/2024	6	266	7,075.43 \$	26.59 \$	180.64	0 \$	-
11/16/2024	7	321	8,414.97 \$	26.23 \$	180.64	0 \$	-
11/16/2024	8	310	6,987.24 \$	22.56 \$	180.64	0 \$	-
11/16/2024	9	336	7,295.40 \$	21.68 \$	180.64	0 \$	-
11/16/2024	10	354	7,614.96 \$	21.49 \$	180.64	0 \$	-
11/16/2024	11	393	7,607.20 \$	19.35 \$	180.64	0 \$	-
11/16/2024	12	428	7,684.55 \$	17.95 \$	180.64	0 \$	-
11/16/2024	13	426	7,325.49 \$	17.19 \$	180.64	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	\$3.68	\$/MMBtu
[C] = ([A] / 1000) * [B] = Woodsdale Fuel Cost at Minimum Load	\$ 305.82	\$/MWh
[D] = Woodsdale Average Heat Rate at Maximum Load	15,093	Btu/kWh
[E] = ([D] / 1000) * [B] = Woodsdale Fuel Cost at Maximum Load	\$ 55.47	\$/MWh
[F] = ([C]+[E])/2 = Average of Maximum and Minimum Load \$/MWh Fuel Cost	\$ 180.64	

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
11/16/2024	14	417	7,594.38 \$	18.20 \$	180.64	0 \$	-
11/16/2024	15	403	8,855.33 \$	21.96 \$	180.64	0 \$	-
11/16/2024	16	353	10,575.33 \$	29.95 \$	180.64	0 \$	-
11/16/2024	17	295	9,622.52 \$	32.61 \$	180.64	0 \$	-
11/16/2024	18	380	10,844.65 \$	28.56 \$	180.64	0 \$	-
11/16/2024	19	352	9,523.63 \$	27.09 \$	180.64	0 \$	-
11/16/2024	20	434	11,382.86 \$	26.20 \$	180.64	0 \$	-
11/16/2024	21	425	10,719.27 \$	25.23 \$	180.64	0 \$	-
11/16/2024	22	415	9,198.12 \$	22.17 \$	180.64	0 \$	-
11/16/2024	23	400	8,507.98 \$	21.26 \$	180.64	0 \$	-
11/17/2024	0	380	8,892.23 \$	23.43 \$	180.64	0 \$	-
11/17/2024	1	377	8,639.77 \$	22.94 \$	180.64	0 \$	-
11/17/2024	2	367	7,693.75 \$	20.98 \$	180.64	0 \$	-
11/17/2024	3	368	7,983.11 \$	21.71 \$	180.64	0 \$	-
11/17/2024	4	367	8,109.91 \$	22.11 \$	180.64	0 \$	-
11/17/2024	5	302	7,358.46 \$	24.37 \$	180.64	0 \$	-
11/17/2024	6	314	8,690.81 \$	27.72 \$	180.64	0 \$	-
11/17/2024	7	286	7,952.09 \$	27.78 \$	180.64	0 \$	-
11/17/2024	8	370	8,432.68 \$	22.76 \$	180.64	0 \$	-
11/17/2024	9	407	8,539.28 \$	20.98 \$	180.64	0 \$	-
11/17/2024	10	407	8,765.04 \$	21.52 \$	180.64	0 \$	-
11/17/2024	11	400	9,057.30 \$	22.62 \$	180.64	0 \$	-
11/17/2024	12	400	9,429.00 \$	23.55 \$	180.64	0 \$	-
11/17/2024	13	401	9,559.91 \$	23.81 \$	180.64	0 \$	-
11/17/2024	14	400	9,883.48 \$	24.68 \$	180.64	0 \$	-
11/17/2024	15	379	10,249.10 \$	27.01 \$	180.64	0 \$	-
11/17/2024	16	254	8,782.27 \$	34.55 \$	180.64	0 \$	-
11/17/2024	17	224	9,958.72 \$	44.51 \$	180.64	0 \$	-
11/17/2024	18	362	13,187.76 \$	36.48 \$	180.64	0 \$	-
11/17/2024	19	323	10,596.31 \$	32.77 \$	180.64	0 \$	-
11/17/2024	20	321	10,486.18 \$	32.63 \$	180.64	0 \$	-
11/17/2024	21	361	10,184.28 \$	28.24 \$	180.64	0 \$	-
11/17/2024	22	389	10,148.61 \$	26.09 \$	180.64	0 \$	-
11/17/2024	23	374	8,475.96 \$	22.66 \$	180.64	0 \$	-
11/18/2024	0	356	7,270.17 \$	20.40 \$	180.64	0 \$	-
11/18/2024	1	345	6,547.81 \$	18.99 \$	180.64	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	\$3.68	\$/MMBtu
[C] = ([A] / 1000) * [B] = Woodsdale Fuel Cost at Minimum Load	\$ 305.82	\$/MWh
[D] = Woodsdale Average Heat Rate at Maximum Load	15,093	Btu/kWh
[E] = ([D] / 1000) * [B] = Woodsdale Fuel Cost at Maximum Load	\$ 55.47	\$/MWh
[F] = ([C]+[E])/2 = Average of Maximum and Minimum Load \$/MWh Fuel Cost	\$ 180.64	

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
11/18/2024	2	341	6,386.35 \$	18.73 \$	180.64	0	\$ -
11/18/2024	3	342	7,058.44 \$	20.64 \$	180.64	0	\$ -
11/18/2024	4	350	7,806.58 \$	22.32 \$	180.64	0	\$ -
11/18/2024	5	310	8,388.46 \$	27.03 \$	180.64	0	\$ -
11/18/2024	6	349	12,371.68 \$	35.48 \$	180.64	0	\$ -
11/18/2024	7	323	14,048.90 \$	43.45 \$	180.64	0	\$ -
11/18/2024	8	378	11,716.48 \$	30.97 \$	180.64	0	\$ -
11/18/2024	9	374	9,968.24 \$	26.64 \$	180.64	0	\$ -
11/18/2024	10	396	10,515.36 \$	26.54 \$	180.64	0	\$ -
11/18/2024	11	399	10,096.75 \$	25.29 \$	180.64	0	\$ -
11/18/2024	12	358	8,850.31 \$	24.71 \$	180.64	0	\$ -
11/18/2024	13	406	9,962.29 \$	24.53 \$	180.64	0	\$ -
11/18/2024	14	392	9,446.12 \$	24.09 \$	180.64	0	\$ -
11/18/2024	15	397	10,325.23 \$	26.01 \$	180.64	0	\$ -
11/18/2024	16	398	13,176.61 \$	33.12 \$	180.64	0	\$ -
11/18/2024	17	417	18,711.37 \$	44.85 \$	180.64	0	\$ -
11/18/2024	18	387	12,793.88 \$	33.07 \$	180.64	0	\$ -
11/18/2024	19	395	12,415.53 \$	31.43 \$	180.64	0	\$ -
11/18/2024	20	326	9,811.83 \$	30.08 \$	180.64	0	\$ -
11/18/2024	21	427	11,406.41 \$	26.70 \$	180.64	0	\$ -
11/18/2024	22	420	9,111.82 \$	21.70 \$	180.64	0	\$ -
11/18/2024	23	395	7,511.83 \$	19.01 \$	180.64	0	\$ -
11/19/2024	0	372	7,482.49 \$	20.13 \$	180.64	0	\$ -
11/19/2024	1	358	6,864.39 \$	19.18 \$	180.64	0	\$ -
11/19/2024	2	354	6,588.34 \$	18.62 \$	180.64	0	\$ -
11/19/2024	3	350	6,598.10 \$	18.85 \$	180.64	0	\$ -
11/19/2024	4	359	7,483.48 \$	20.86 \$	180.64	0	\$ -
11/19/2024	5	382	9,273.50 \$	24.29 \$	180.64	0	\$ -
11/19/2024	6	387	12,545.96 \$	32.43 \$	180.64	0	\$ -
11/19/2024	7	336	11,080.69 \$	33.00 \$	180.64	0	\$ -
11/19/2024	8	294	8,360.80 \$	28.47 \$	180.64	0	\$ -
11/19/2024	9	304	7,805.50 \$	25.70 \$	180.64	0	\$ -
11/19/2024	10	304	8,073.63 \$	26.52 \$	180.64	0	\$ -
11/19/2024	11	330	8,784.34 \$	26.59 \$	180.64	0	\$ -
11/19/2024	12	301	8,113.74 \$	26.92 \$	180.64	0	\$ -
11/19/2024	13	273	7,445.59 \$	27.25 \$	180.64	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	\$3.68	\$/MMBtu
[C] = ([A] / 1000) * [B] = Woodsdale Fuel Cost at Minimum Load	\$ 305.82	\$/MWh
[D] = Woodsdale Average Heat Rate at Maximum Load	15,093	Btu/kWh
[E] = ([D] / 1000) * [B] = Woodsdale Fuel Cost at Maximum Load	\$ 55.47	\$/MWh
[F] = ([C]+[E])/2 = Average of Maximum and Minimum Load \$/MWh Fuel Cost	\$ 180.64	

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
11/19/2024	14	267	7,191.25	26.90	180.64	0	\$ -
11/19/2024	15	310	8,948.56	28.83	180.64	0	\$ -
11/19/2024	16	317	10,700.56	33.79	180.64	0	\$ -
11/19/2024	17	328	17,142.24	52.19	180.64	0	\$ -
11/19/2024	18	424	18,846.86	44.43	180.64	0	\$ -
11/19/2024	19	417	15,962.75	38.28	180.64	0	\$ -
11/19/2024	20	425	14,078.22	33.11	180.64	0	\$ -
11/19/2024	21	446	13,416.92	30.10	180.64	0	\$ -
11/19/2024	22	420	10,861.36	25.86	180.64	0	\$ -
11/19/2024	23	396	9,294.41	23.49	180.64	0	\$ -
11/20/2024	0	374	8,294.78	22.17	180.64	0	\$ -
11/20/2024	1	360	7,366.94	20.44	180.64	0	\$ -
11/20/2024	2	352	6,258.93	17.76	180.64	0	\$ -
11/20/2024	3	350	6,208.39	17.72	180.64	0	\$ -
11/20/2024	4	358	6,985.32	19.51	180.64	0	\$ -
11/20/2024	5	383	8,645.81	22.60	180.64	0	\$ -
11/20/2024	6	357	11,620.77	32.54	180.64	0	\$ -
11/20/2024	7	363	12,077.86	33.30	180.64	0	\$ -
11/20/2024	8	288	9,289.80	32.31	180.64	0	\$ -
11/20/2024	9	252	7,828.13	31.03	180.64	0	\$ -
11/20/2024	10	295	8,975.53	30.39	180.64	0	\$ -
11/20/2024	11	325	9,055.01	27.87	180.64	0	\$ -
11/20/2024	12	354	9,687.83	27.40	180.64	0	\$ -
11/20/2024	13	258	7,160.78	27.79	180.64	0	\$ -
11/20/2024	14	255	6,624.63	25.97	180.64	0	\$ -
11/20/2024	15	261	6,640.59	25.47	180.64	0	\$ -
11/20/2024	16	288	8,552.89	29.65	180.64	0	\$ -
11/20/2024	17	362	13,360.86	36.94	180.64	0	\$ -
11/20/2024	18	360	12,415.18	34.52	180.64	0	\$ -
11/20/2024	19	472	15,152.72	32.13	180.64	0	\$ -
11/20/2024	20	470	13,872.83	29.52	180.64	0	\$ -
11/20/2024	21	468	12,126.32	25.89	180.64	0	\$ -
11/20/2024	22	450	10,392.18	23.11	180.64	0	\$ -
11/20/2024	23	425	8,829.15	20.78	180.64	0	\$ -
11/21/2024	0	407	9,119.64	22.39	180.64	0	\$ -
11/21/2024	1	394	8,432.40	21.43	180.64	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	\$3.68	\$/MMBtu
[C] = ([A] / 1000) * [B] = Woodsdale Fuel Cost at Minimum Load	\$ 305.82	\$/MWh
[D] = Woodsdale Average Heat Rate at Maximum Load	15,093	Btu/kWh
[E] = ([D] / 1000) * [B] = Woodsdale Fuel Cost at Maximum Load	\$ 55.47	\$/MWh
[F] = ([C]+[E])/2 = Average of Maximum and Minimum Load \$/MWh Fuel Cost	\$ 180.64	

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
11/21/2024	2	392	8,369.10 \$	21.37 \$	180.64	0	\$ -
11/21/2024	3	389	8,651.61 \$	22.26 \$	180.64	0	\$ -
11/21/2024	4	377	9,123.74 \$	24.18 \$	180.64	0	\$ -
11/21/2024	5	334	9,420.46 \$	28.20 \$	180.64	0	\$ -
11/21/2024	6	344	13,236.44 \$	38.46 \$	180.64	0	\$ -
11/21/2024	7	358	14,049.96 \$	39.29 \$	180.64	0	\$ -
11/21/2024	8	444	13,461.50 \$	30.31 \$	180.64	0	\$ -
11/21/2024	9	416	13,012.89 \$	31.28 \$	180.64	0	\$ -
11/21/2024	10	411	13,549.86 \$	32.99 \$	180.64	0	\$ -
11/21/2024	11	444	14,557.08 \$	32.79 \$	180.64	0	\$ -
11/21/2024	12	409	13,460.92 \$	32.92 \$	180.64	0	\$ -
11/21/2024	13	403	14,013.83 \$	34.80 \$	180.64	0	\$ -
11/21/2024	14	451	15,188.79 \$	33.70 \$	180.64	0	\$ -
11/21/2024	15	392	14,361.92 \$	36.67 \$	180.64	0	\$ -
11/21/2024	16	321	12,822.93 \$	39.89 \$	180.64	0	\$ -
11/21/2024	17	379	21,574.65 \$	56.92 \$	180.64	0	\$ -
11/21/2024	18	433	21,475.73 \$	49.59 \$	180.64	0	\$ -
11/21/2024	19	441	21,316.97 \$	48.31 \$	180.64	0	\$ -
11/21/2024	20	429	20,517.33 \$	47.78 \$	180.64	0	\$ -
11/21/2024	21	426	17,537.92 \$	41.17 \$	180.64	0	\$ -
11/21/2024	22	387	13,991.03 \$	36.18 \$	180.64	0	\$ -
11/21/2024	23	334	11,074.40 \$	33.16 \$	180.64	0	\$ -
11/22/2024	0	390	12,203.23 \$	31.28 \$	180.64	0	\$ -
11/22/2024	1	396	14,709.37 \$	37.11 \$	180.64	0	\$ -
11/22/2024	2	390	11,695.68 \$	29.95 \$	180.64	0	\$ -
11/22/2024	3	346	10,432.34 \$	30.19 \$	180.64	0	\$ -
11/22/2024	4	390	12,247.34 \$	31.38 \$	180.64	0	\$ -
11/22/2024	5	410	14,851.99 \$	36.25 \$	180.64	0	\$ -
11/22/2024	6	418	22,891.66 \$	54.77 \$	180.64	0	\$ -
11/22/2024	7	363	22,468.33 \$	61.92 \$	180.64	0	\$ -
11/22/2024	8	475	19,213.64 \$	40.42 \$	180.64	0	\$ -
11/22/2024	9	469	17,224.10 \$	36.69 \$	180.64	0	\$ -
11/22/2024	10	480	17,501.01 \$	36.43 \$	180.64	0	\$ -
11/22/2024	11	440	16,260.31 \$	36.93 \$	180.64	0	\$ -
11/22/2024	12	399	14,072.17 \$	35.23 \$	180.64	0	\$ -
11/22/2024	13	455	16,442.08 \$	36.11 \$	180.64	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	\$3.68	\$/MMBtu
[C] = ([A] / 1000) * [B] = Woodsdale Fuel Cost at Minimum Load	\$ 305.82	\$/MWh
[D] = Woodsdale Average Heat Rate at Maximum Load	15,093	Btu/kWh
[E] = ([D] / 1000) * [B] = Woodsdale Fuel Cost at Maximum Load	\$ 55.47	\$/MWh
[F] = ([C]+[E])/2 = Average of Maximum and Minimum Load \$/MWh Fuel Cost	\$ 180.64	

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
11/22/2024	14	418	15,014.05 \$	35.96 \$	180.64	0	\$ -
11/22/2024	15	457	16,386.93 \$	35.84 \$	180.64	0	\$ -
11/22/2024	16	437	18,023.02 \$	41.22 \$	180.64	0	\$ -
11/22/2024	17	466	26,578.94 \$	57.04 \$	180.64	0	\$ -
11/22/2024	18	459	19,871.04 \$	43.27 \$	180.64	0	\$ -
11/22/2024	19	413	16,259.72 \$	39.34 \$	180.64	0	\$ -
11/22/2024	20	426	16,274.05 \$	38.17 \$	180.64	0	\$ -
11/22/2024	21	433	15,884.80 \$	36.72 \$	180.64	0	\$ -
11/22/2024	22	462	15,982.95 \$	34.60 \$	180.64	0	\$ -
11/22/2024	23	449	14,428.46 \$	32.11 \$	180.64	0	\$ -
11/23/2024	0	424	13,697.39 \$	32.32 \$	180.64	0	\$ -
11/23/2024	1	411	11,846.17 \$	28.83 \$	180.64	0	\$ -
11/23/2024	2	350	9,708.88 \$	27.73 \$	180.64	0	\$ -
11/23/2024	3	350	9,544.15 \$	27.25 \$	180.64	0	\$ -
11/23/2024	4	336	9,149.22 \$	27.20 \$	180.64	0	\$ -
11/23/2024	5	284	7,715.53 \$	27.14 \$	180.64	0	\$ -
11/23/2024	6	348	10,282.62 \$	29.53 \$	180.64	0	\$ -
11/23/2024	7	361	12,292.93 \$	34.06 \$	180.64	0	\$ -
11/23/2024	8	389	12,235.48 \$	31.45 \$	180.64	0	\$ -
11/23/2024	9	372	10,928.77 \$	29.37 \$	180.64	0	\$ -
11/23/2024	10	351	10,258.29 \$	29.22 \$	180.64	0	\$ -
11/23/2024	11	370	10,700.22 \$	28.92 \$	180.64	0	\$ -
11/23/2024	12	404	10,888.47 \$	26.95 \$	180.64	0	\$ -
11/23/2024	13	400	10,197.04 \$	25.51 \$	180.64	0	\$ -
11/23/2024	14	458	11,565.56 \$	25.27 \$	180.64	0	\$ -
11/23/2024	15	484	13,860.73 \$	28.61 \$	180.64	0	\$ -
11/23/2024	16	430	15,104.07 \$	35.16 \$	180.64	0	\$ -
11/23/2024	17	370	17,186.86 \$	46.41 \$	180.64	0	\$ -
11/23/2024	18	419	15,324.29 \$	36.61 \$	180.64	0	\$ -
11/23/2024	19	396	14,474.92 \$	36.59 \$	180.64	0	\$ -
11/23/2024	20	392	14,525.28 \$	37.09 \$	180.64	0	\$ -
11/23/2024	21	368	12,832.30 \$	34.88 \$	180.64	0	\$ -
11/23/2024	22	343	10,629.37 \$	30.98 \$	180.64	0	\$ -
11/23/2024	23	351	10,074.75 \$	28.67 \$	180.64	0	\$ -
11/24/2024	0	387	10,342.87 \$	26.74 \$	180.64	0	\$ -
11/24/2024	1	391	9,468.89 \$	24.22 \$	180.64	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	\$3.68	\$/MMBtu
[C] = ([A] / 1000) * [B] = Woodsdale Fuel Cost at Minimum Load	\$ 305.82	\$/MWh
[D] = Woodsdale Average Heat Rate at Maximum Load	15,093	Btu/kWh
[E] = ([D] / 1000) * [B] = Woodsdale Fuel Cost at Maximum Load	\$ 55.47	\$/MWh
[F] = ([C]+[E])/2 = Average of Maximum and Minimum Load \$/MWh Fuel Cost	\$ 180.64	

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
11/24/2024	2	388	9,167.76 \$	23.63 \$	180.64	0 \$	-
11/24/2024	3	380	9,015.32 \$	23.73 \$	180.64	0 \$	-
11/24/2024	4	384	8,992.82 \$	23.44 \$	180.64	0 \$	-
11/24/2024	5	391	9,174.58 \$	23.49 \$	180.64	0 \$	-
11/24/2024	6	400	9,984.19 \$	24.94 \$	180.64	0 \$	-
11/24/2024	7	416	10,645.60 \$	25.59 \$	180.64	0 \$	-
11/24/2024	8	427	10,398.17 \$	24.36 \$	180.64	0 \$	-
11/24/2024	9	435	10,569.64 \$	24.30 \$	180.64	0 \$	-
11/24/2024	10	426	10,153.06 \$	23.81 \$	180.64	0 \$	-
11/24/2024	11	428	9,836.23 \$	22.96 \$	180.64	0 \$	-
11/24/2024	12	419	9,547.89 \$	22.80 \$	180.64	0 \$	-
11/24/2024	13	413	9,426.75 \$	22.82 \$	180.64	0 \$	-
11/24/2024	14	407	9,134.01 \$	22.44 \$	180.64	0 \$	-
11/24/2024	15	411	10,495.67 \$	25.54 \$	180.64	0 \$	-
11/24/2024	16	424	15,270.24 \$	35.98 \$	180.64	0 \$	-
11/24/2024	17	447	21,011.45 \$	46.96 \$	180.64	0 \$	-
11/24/2024	18	459	15,571.33 \$	33.92 \$	180.64	0 \$	-
11/24/2024	19	457	14,659.89 \$	32.09 \$	180.64	0 \$	-
11/24/2024	20	452	14,962.48 \$	33.11 \$	180.64	0 \$	-
11/24/2024	21	437	12,676.85 \$	29.00 \$	180.64	0 \$	-
11/24/2024	22	415	10,777.91 \$	25.95 \$	180.64	0 \$	-
11/24/2024	23	395	9,539.45 \$	24.17 \$	180.64	0 \$	-
11/25/2024	0	383	8,721.09 \$	22.78 \$	180.64	0 \$	-
11/25/2024	1	371	8,542.47 \$	23.02 \$	180.64	0 \$	-
11/25/2024	2	367	8,406.69 \$	22.90 \$	180.64	0 \$	-
11/25/2024	3	363	8,611.47 \$	23.71 \$	180.64	0 \$	-
11/25/2024	4	370	9,035.40 \$	24.41 \$	180.64	0 \$	-
11/25/2024	5	381	10,880.26 \$	28.59 \$	180.64	0 \$	-
11/25/2024	6	339	17,275.29 \$	50.94 \$	180.64	0 \$	-
11/25/2024	7	295	15,086.99 \$	51.19 \$	180.64	0 \$	-
11/25/2024	8	390	12,644.02 \$	32.44 \$	180.64	0 \$	-
11/25/2024	9	407	11,436.42 \$	28.10 \$	180.64	0 \$	-
11/25/2024	10	464	12,474.93 \$	26.88 \$	180.64	0 \$	-
11/25/2024	11	417	10,589.34 \$	25.38 \$	180.64	0 \$	-
11/25/2024	12	309	7,723.44 \$	24.99 \$	180.64	0 \$	-
11/25/2024	13	265	6,600.10 \$	24.93 \$	180.64	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	\$3.68	\$/MMBtu
[C] = ([A] / 1000) * [B] = Woodsdale Fuel Cost at Minimum Load	\$ 305.82	\$/MWh
[D] = Woodsdale Average Heat Rate at Maximum Load	15,093	Btu/kWh
[E] = ([D] / 1000) * [B] = Woodsdale Fuel Cost at Maximum Load	\$ 55.47	\$/MWh
[F] = ([C]+[E])/2 = Average of Maximum and Minimum Load \$/MWh Fuel Cost	\$ 180.64	

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
11/25/2024	14	240	6,184.26 \$	25.79 \$	180.64	0	\$ -
11/25/2024	15	248	7,571.75 \$	30.57 \$	180.64	0	\$ -
11/25/2024	16	248	7,992.09 \$	32.27 \$	180.64	0	\$ -
11/25/2024	17	265	11,918.50 \$	44.91 \$	180.64	0	\$ -
11/25/2024	18	267	9,055.78 \$	33.88 \$	180.64	0	\$ -
11/25/2024	19	261	8,258.09 \$	31.61 \$	180.64	0	\$ -
11/25/2024	20	246	7,449.48 \$	30.32 \$	180.64	0	\$ -
11/25/2024	21	230	6,127.09 \$	26.64 \$	180.64	0	\$ -
11/25/2024	22	202	4,830.42 \$	23.86 \$	180.64	0	\$ -
11/25/2024	23	178	3,708.32 \$	20.83 \$	180.64	0	\$ -
11/26/2024	0	162	3,189.70 \$	19.72 \$	180.64	0	\$ -
11/26/2024	1	156	2,928.11 \$	18.78 \$	180.64	0	\$ -
11/26/2024	2	146	2,552.81 \$	17.46 \$	180.64	0	\$ -
11/26/2024	3	155	2,668.59 \$	17.22 \$	180.64	0	\$ -
11/26/2024	4	165	3,075.79 \$	18.65 \$	180.64	0	\$ -
11/26/2024	5	197	4,438.91 \$	22.58 \$	180.64	0	\$ -
11/26/2024	6	239	7,492.70 \$	31.36 \$	180.64	0	\$ -
11/26/2024	7	227	8,776.58 \$	38.58 \$	180.64	0	\$ -
11/26/2024	8	176	6,728.53 \$	38.12 \$	180.64	0	\$ -
11/26/2024	9	143	5,014.90 \$	34.97 \$	180.64	0	\$ -
11/26/2024	10	140	4,629.37 \$	33.16 \$	180.64	0	\$ -
11/26/2024	11	157	4,491.69 \$	28.63 \$	180.64	0	\$ -
11/26/2024	12	131	3,587.84 \$	27.39 \$	180.64	0	\$ -
11/26/2024	13	43	1,139.01 \$	26.51 \$	180.64	0	\$ -
11/26/2024	14	11	285.20 \$	25.86 \$	180.64	0	\$ -
11/26/2024	15	14	378.74 \$	26.84 \$	180.64	0	\$ -
11/26/2024	16	22	894.30 \$	40.93 \$	180.64	0	\$ -
11/26/2024	17	50	2,749.18 \$	54.79 \$	180.64	0	\$ -
11/26/2024	18	58	2,846.93 \$	49.09 \$	180.64	0	\$ -
11/26/2024	19	25	1,012.95 \$	40.70 \$	180.64	0	\$ -
11/27/2024	0	71	2,146.59 \$	30.21 \$	180.64	0	\$ -
11/27/2024	1	91	2,608.22 \$	28.61 \$	180.64	0	\$ -
11/27/2024	2	82	2,304.79 \$	28.00 \$	180.64	0	\$ -
11/27/2024	3	67	1,910.93 \$	28.42 \$	180.64	0	\$ -
11/27/2024	4	77	2,358.11 \$	30.64 \$	180.64	0	\$ -
11/27/2024	5	92	3,088.78 \$	33.71 \$	180.64	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	\$3.68	\$/MMBtu
[C] = ([A] / 1000) * [B] = Woodsdale Fuel Cost at Minimum Load	\$ 305.82	\$/MWh
[D] = Woodsdale Average Heat Rate at Maximum Load	15,093	Btu/kWh
[E] = ([D] / 1000) * [B] = Woodsdale Fuel Cost at Maximum Load	\$ 55.47	\$/MWh
[F] = ([C]+[E])/2 = Average of Maximum and Minimum Load \$/MWh Fuel Cost	\$ 180.64	

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
11/27/2024	6	124	5,494.13 \$	44.29 \$	180.64	0 \$	-
11/27/2024	7	143	7,556.88 \$	52.68 \$	180.64	0 \$	-
11/27/2024	8	156	6,578.76 \$	42.11 \$	180.64	0 \$	-
11/27/2024	9	157	5,708.70 \$	36.28 \$	180.64	0 \$	-
11/27/2024	10	156	5,966.30 \$	38.32 \$	180.64	0 \$	-
11/27/2024	11	153	5,763.35 \$	37.67 \$	180.64	0 \$	-
11/27/2024	12	155	5,773.36 \$	37.20 \$	180.64	0 \$	-
11/27/2024	13	147	5,475.09 \$	37.18 \$	180.64	0 \$	-
11/27/2024	14	144	5,133.10 \$	35.60 \$	180.64	0 \$	-
11/27/2024	15	141	5,126.40 \$	36.34 \$	180.64	0 \$	-
11/27/2024	16	142	5,874.60 \$	41.39 \$	180.64	0 \$	-
11/27/2024	17	154	7,283.06 \$	47.44 \$	180.64	0 \$	-
11/27/2024	18	149	6,238.06 \$	41.94 \$	180.64	0 \$	-
11/27/2024	19	146	6,108.36 \$	41.88 \$	180.64	0 \$	-
11/27/2024	20	134	5,184.72 \$	38.67 \$	180.64	0 \$	-
11/27/2024	21	117	4,152.64 \$	35.37 \$	180.64	0 \$	-
11/27/2024	22	92	3,064.13 \$	33.47 \$	180.64	0 \$	-
11/27/2024	23	74	2,147.49 \$	29.13 \$	180.64	0 \$	-
11/28/2024	0	52	1,327.85 \$	25.54 \$	180.64	0 \$	-
11/28/2024	1	39	914.05 \$	23.34 \$	180.64	0 \$	-
11/28/2024	2	35	794.71 \$	22.40 \$	180.64	0 \$	-
11/28/2024	3	32	724.55 \$	22.30 \$	180.64	0 \$	-
11/28/2024	4	36	802.23 \$	22.52 \$	180.64	0 \$	-
11/28/2024	5	38	909.86 \$	24.23 \$	180.64	0 \$	-
11/28/2024	6	50	1,252.92 \$	24.88 \$	180.64	0 \$	-
11/28/2024	7	62	1,664.71 \$	26.83 \$	180.64	0 \$	-
11/28/2024	8	74	2,238.72 \$	30.45 \$	180.64	0 \$	-
11/28/2024	9	98	3,279.76 \$	33.54 \$	180.64	0 \$	-
11/28/2024	10	108	3,609.09 \$	33.31 \$	180.64	0 \$	-
11/28/2024	11	112	3,580.95 \$	31.88 \$	180.64	0 \$	-
11/28/2024	12	107	3,009.29 \$	28.22 \$	180.64	0 \$	-
11/28/2024	13	93	2,402.50 \$	25.82 \$	180.64	0 \$	-
11/28/2024	14	80	1,868.09 \$	23.50 \$	180.64	0 \$	-
11/28/2024	15	69	1,614.63 \$	23.56 \$	180.64	0 \$	-
11/28/2024	16	64	1,616.41 \$	25.37 \$	180.64	0 \$	-
11/28/2024	17	66	1,765.35 \$	26.79 \$	180.64	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	\$3.68	\$/MMBtu
[C] = ([A] / 1000) * [B] = Woodsdale Fuel Cost at Minimum Load	\$ 305.82	\$/MWh
[D] = Woodsdale Average Heat Rate at Maximum Load	15,093	Btu/kWh
[E] = ([D] / 1000) * [B] = Woodsdale Fuel Cost at Maximum Load	\$ 55.47	\$/MWh
[F] = ([C]+[E])/2 = Average of Maximum and Minimum Load \$/MWh Fuel Cost	\$ 180.64	

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
11/28/2024	18	65	1,792.15	27.52	180.64	0	-
11/28/2024	19	64	1,702.39	26.61	180.64	0	-
11/28/2024	20	67	1,758.37	26.23	180.64	0	-
11/28/2024	21	70	1,740.71	24.92	180.64	0	-
11/28/2024	22	68	1,673.38	24.67	180.64	0	-
11/28/2024	23	51	1,190.31	23.35	180.64	0	-
11/29/2024	0	41	957.30	23.21	180.64	0	-
11/29/2024	1	40	914.42	22.66	180.64	0	-
11/29/2024	2	35	780.81	22.02	180.64	0	-
11/29/2024	3	41	924.59	22.32	180.64	0	-
11/29/2024	4	48	1,129.54	23.47	180.64	0	-
11/29/2024	5	61	1,587.15	26.01	180.64	0	-
11/29/2024	6	81	2,397.93	29.74	180.64	0	-
11/29/2024	7	95	2,941.37	30.98	180.64	0	-
11/29/2024	8	108	2,759.26	25.65	180.64	0	-
11/29/2024	9	124	2,868.90	23.14	180.64	0	-
11/29/2024	10	133	3,041.73	22.81	180.64	0	-
11/29/2024	11	133	3,026.34	22.72	180.64	0	-
11/29/2024	12	128	2,936.56	22.92	180.64	0	-
11/29/2024	13	126	2,893.83	22.93	180.64	0	-
11/29/2024	14	122	2,784.07	22.81	180.64	0	-
11/29/2024	15	125	3,119.15	24.96	180.64	0	-
11/29/2024	16	131	4,118.53	31.48	180.64	0	-
11/29/2024	17	153	6,226.57	40.57	180.64	0	-
11/29/2024	18	160	5,612.00	34.99	180.64	0	-
11/29/2024	19	156	5,262.11	33.67	180.64	0	-
11/29/2024	20	158	5,368.88	33.97	180.64	0	-
11/29/2024	21	153	4,994.78	32.63	180.64	0	-
11/29/2024	22	140	4,508.58	32.14	180.64	0	-
11/29/2024	23	124	3,776.63	30.34	180.64	0	-
11/30/2024	0	112	3,289.69	29.43	180.64	0	-
11/30/2024	1	106	3,173.58	29.95	180.64	0	-
11/30/2024	2	104	3,033.72	29.13	180.64	0	-
11/30/2024	3	108	3,178.04	29.41	180.64	0	-
11/30/2024	4	116	3,484.67	30.09	180.64	0	-
11/30/2024	5	132	4,026.38	30.60	180.64	0	-

Duke Energy Kentucky
Nov-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	\$3.68	\$/MMBtu
[C] = ([A] / 1000) * [B] = Woodsdale Fuel Cost at Minimum Load	\$ 305.82	\$/MWh
[D] = Woodsdale Average Heat Rate at Maximum Load	15,093	Btu/kWh
[E] = ([D] / 1000) * [B] = Woodsdale Fuel Cost at Maximum Load	\$ 55.47	\$/MWh
[F] = ([C]+[E])/2 = Average of Maximum and Minimum Load \$/MWh Fuel Cost	\$ 180.64	

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
11/30/2024	6	117	4,618.14 \$	39.37 \$	180.64	0	\$ -
11/30/2024	7	106	4,392.69 \$	41.44 \$	180.64	0	\$ -
11/30/2024	8	134	4,659.71 \$	34.70 \$	180.64	0	\$ -
11/30/2024	9	188	5,630.41 \$	29.97 \$	180.64	0	\$ -
11/30/2024	10	177	5,170.77 \$	29.19 \$	180.64	0	\$ -
11/30/2024	11	171	4,583.26 \$	26.75 \$	180.64	0	\$ -
11/30/2024	12	158	3,926.86 \$	24.90 \$	180.64	0	\$ -
11/30/2024	13	142	3,475.22 \$	24.41 \$	180.64	0	\$ -
11/30/2024	14	137	3,439.82 \$	25.06 \$	180.64	0	\$ -
11/30/2024	15	139	3,847.95 \$	27.65 \$	180.64	0	\$ -
11/30/2024	16	162	5,775.46 \$	35.62 \$	180.64	0	\$ -
11/30/2024	17	180	8,782.79 \$	48.88 \$	180.64	0	\$ -
11/30/2024	18	184	8,074.51 \$	43.80 \$	180.64	0	\$ -
11/30/2024	19	179	7,282.73 \$	40.66 \$	180.64	0	\$ -
11/30/2024	20	177	7,099.69 \$	40.13 \$	180.64	0	\$ -
11/30/2024	21	167	6,840.67 \$	40.97 \$	180.64	0	\$ -
11/30/2024	22	151	5,886.60 \$	38.94 \$	180.64	0	\$ -
11/30/2024	23	128	4,621.59 \$	36.25 \$	180.64	0	\$ -
		145,113.81	4,185,205.40				0.00

KY PJM Charge Detail
Net Fuel Related RTO Billing Line Items
November 30, 2024

<u>PJM Statement</u>	<u>Native FAC</u>
1230-Inad Inter	\$ 674.94
1250-Meter Err Cor	\$ (41.23)
1340-Regulation	\$ (75,059.24)
1360-Synch Reserve	\$ (21,253.88)
1370-Operating Resrv	\$ (14,091.74)
1375-Bal Opr Rsrv	\$ (29,810.17)
1500-FTR Shortfall	\$ (807.22)
1500-Mthly FTR Prem	\$ 2,236.11
2215-Bal Trns Cng Cr	\$ (80,487.20)
2220-Tran Loss	\$ 102,637.82
2340-Lost Opp. Cost	\$ 22,113.61
2360-Synch Reserve	\$ 4,741.01
2370-DA Op Rsrv Cr	\$ 407.49
2375-Bal Opr Rsrv Cr	\$ 132,356.39
2510-ARR	\$ 419,667.00
FTR	\$ (3,705.72)
PJM Annual FTR Prem	\$ (198,853.81)
PJM Mthly FTR Prem	\$ 54,543.70
Reg.Supply	\$ 412,537.71
	<u>\$ 727,805.56</u>
Congestion & Losses	<u>\$ (58,545.83)</u>
Net Fuel Related RTO Billing Line Items	<u>\$ 786,351.38</u>