



Company

EAST KENTUCKY POWER COOPERATIVE, INC.  
POWER TRANSACTION SCHEDULE

Month Ended DECEMBER 2024

Billing Components

<u>Company</u>	<u>Type of Transaction</u>	<u>KWH</u>	<u>Fuel Charges (\$)</u>	<u>Margin(+) or Loss (-)</u>	<u>Total Charges (\$)</u>
<u>Purchases</u>					
Brookfield Renewable Trading & Marketing, LP	Qualifying Facility	83,368,000	4,335,136		4,335,136
Cox Interior	Qualifying Facility	28,482	861		861
Fleming Co. Schools	Qualifying Facility	442	11		11
Gallrein Farms Shelby County	Qualifying Facility	2,894	78		78
Global Mail, Inc., DBA DHL eCommerce	Qualifying Facility	30	1		1
Lock 7 Generator	Qualifying Facility	692,739	39,888		39,888
National Guard Armory	Qualifying Facility	83	2		2
PJM	Economy	332,681,000	13,782,378		13,782,378
Southeast Power	Qualifying Facility	25,407,000	369,697		369,697
Swope Enterprise	Qualifying Facility	5,304	141		141
Swope Hyundai	Qualifying Facility	3,737	100		100
Coops	Buy Thru(Coops)	(7,010,243)	(444,530)		(444,530)
Saloma & Cranston	Compressor Facility	(22,670,646)	(777,397)		(777,397)
Fuel Cost Credit (per Case No. 2000-00496-B)			(711,450)		(711,450)
LF/REG (Gallatin Special Contract)			(14,160)		(14,160)
<b>TOTAL</b>		<b><u>412,508,822</u></b>	<b><u>16,580,756</u></b>	<b>-</b>	<b><u>16,580,756</u></b>



Company

EAST KENTUCKY POWER COOPERATIVE, INC.  
POWER TRANSACTION SCHEDULE

Month Ended

DECEMBER 2024

Billing Components

Company  
Sales

Type of Transaction

KWH

Fuel Charges (\$)

Margin(+) or  
Loss (-)

Total Charges (\$)

PJM

Economy

24,846,000

1,384,509

(697,966)

686,543

TOTAL

24,846,000

1,384,509

(697,966)

686,543

Company Name: East Kentucky Power Cooperative, Inc.

Station Name - Unit Number:      Cooper Unit 1

For the Month of:                      DECEMBER 2024

<u>Line No.</u>	<u>Item Description</u>	
1.	<u>Unit Performance:</u>	
a.	Capacity (name plate rating) (MW)	100.00
b.	Capacity (average load) (MW)	62.76
c.	Net Demonstrated Capacity (MW)	116.00
d.	Net Capability Factor (L1b / L1c) (%)	54.10
2.	<u>Heat Rate:</u>	
a.	BTU's Consumed (MMBTU)	303,870
b.	Gross Generation (MWH)	27,851
c.	Net Generation (MWH)	25,795
d.	Heat Rate (L2a / L2c) (BTU / KWH)	11,780
3.	<u>Operating Availability:</u>	
a.	Hours Unit Operated	411
b.	Hours Available	744
c.	Hours During the Period	744
d.	Availability Factor (L3b / L3c) (%)	100.00
4.	<u>Cost per KWH:</u>	
a.	Gross Generation - FAC Basis (cents / KWH)	
b.	Net Generation - FAC Basis (cents / KWH)	(See page 24 of Appendix A)
5.	<u>Inventory Analysis:</u>	
a.	Number of Days Supply based on actual burn at the station	(See page 24 of Appendix A)

Company Name: East Kentucky Power Cooperative, Inc.

Station Name - Unit Number:      Cooper Unit 2

For the Month of:                      DECEMBER 2024

<u>Line No.</u>	<u>Item Description</u>	
1.	<u>Unit Performance:</u>	
a.	Capacity (name plate rating) (MW)	220.85
b.	Capacity (average load) (MW)	160.53
c.	Net Demonstrated Capacity (MW)	225.00
d.	Net Capability Factor (L1b / L1c) (%)	71.35
2.	<u>Heat Rate:</u>	
a.	BTU's Consumed (MMBTU)	670,900
b.	Gross Generation (MWH)	70,835
c.	Net Generation (MWH)	63,729
d.	Heat Rate (L2a / L2c) (BTU / KWH)	10,527
3.	<u>Operating Availability:</u>	
a.	Hours Unit Operated	397
b.	Hours Available	744
c.	Hours During the Period	744
d.	Availability Factor (L3b / L3c) (%)	100.00
4.	<u>Cost per KWH:</u>	
a.	Gross Generation - FAC Basis (cents / KWH)	(See page 24 of Appendix A)
b.	Net Generation - FAC Basis (cents / KWH)	
5.	<u>Inventory Analysis:</u>	
a.	Number of Days Supply based on actual burn at the station	(See page 24 of Appendix A)

Company Name: East Kentucky Power Cooperative, Inc.

Station Name - Unit Number:      Spurlock Unit 1

For the Month of:                      DECEMBER 2024

<u>Line No.</u>	<u>Item Description</u>	
1.	<u>Unit Performance:</u>	
a.	Capacity (name plate rating) (MW)	340.28
b.	Capacity (average load) (MW)	288.60
c.	Net Demonstrated Capacity (MW)	300.00
d.	Net Capability Factor (L1b / L1c) (%)	96.20
2.	<u>Heat Rate:</u>	
a.	BTU's Consumed (MMBTU)	2,197,672
b.	Gross Generation (MWH)	233,412
c.	Net Generation (MWH)	214,719
d.	Heat Rate (L2a / L2c) (BTU / KWH)	10,235
3.	<u>Operating Availability:</u>	
a.	Hours Unit Operated	744
b.	Hours Available	744
c.	Hours During the Period	744
d.	Availability Factor (L3b / L3c) (%)	100.00
4.	<u>Cost per KWH:</u>	
a.	Gross Generation - FAC Basis (cents / KWH)	(See page 25 of Appendix A)
b.	Net Generation - FAC Basis (cents / KWH)	(See page 25 of Appendix A)
5.	<u>Inventory Analysis:</u>	
a.	Number of Days Supply based on actual burn at the station	(See page 25 of Appendix A)

Company Name: East Kentucky Power Cooperative, Inc.

Station Name - Unit Number:      Spurlock Unit 2

For the Month of:                      DECEMBER 2024

<u>Line No.</u>	<u>Item Description</u>	
1.	<u>Unit Performance:</u>	
a.	Capacity (name plate rating) (MW)	585.77
b.	Capacity (average load) (MW)	438.47
c.	Net Demonstrated Capacity (MW)	510.00
d.	Net Capability Factor (L1b / L1c) (%)	85.97
2.	<u>Heat Rate:</u>	
a.	BTU's Consumed (MMBTU)	2,293,110
b.	Gross Generation (MWH)	254,233
c.	Net Generation (MWH)	232,387
d.	Heat Rate (L2a / L2c) (BTU / KWH)	9,868
3.	<u>Operating Availability:</u>	
a.	Hours Unit Operated	530
b.	Hours Available	546
c.	Hours During the Period	744
d.	Availability Factor (L3b / L3c) (%)	73.39
4.	<u>Cost per KWH:</u>	
a.	Gross Generation - FAC Basis (cents / KWH)	(See page 25 of Appendix A)
b.	Net Generation - FAC Basis (cents / KWH)	(See page 25 of Appendix A)
5.	<u>Inventory Analysis:</u>	
a.	Number of Days Supply based on actual burn at the station	(See page 25 of Appendix A)

Company Name: East Kentucky Power Cooperative, Inc.

Station Name - Unit Number:      Gilbert Unit 3

For the Month of:                      DECEMBER 2024

<u>Line No.</u>	<u>Item Description</u>	
1.	<u>Unit Performance:</u>	
a.	Capacity (name plate rating) (MW)	294.00
b.	Capacity (average load) (MW)	262.37
c.	Net Demonstrated Capacity (MW)	268.00
d.	Net Capability Factor (L1b / L1c) (%)	97.90
2.	<u>Heat Rate:</u>	
a.	BTU's Consumed (MMBTU)	1,934,478
b.	Gross Generation (MWH)	216,570
c.	Net Generation (MWH)	195,206
d.	Heat Rate (L2a / L2c) (BTU / KWH)	9,910
3.	<u>Operating Availability:</u>	
a.	Hours Unit Operated	744
b.	Hours Available	744
c.	Hours During the Period	744
d.	Availability Factor (L3b / L3c) (%)	100.00
4.	<u>Cost per KWH:</u>	
a.	Gross Generation - FAC Basis (cents / KWH)	(See page 26 of Appendix A)
b.	Net Generation - FAC Basis (cents / KWH)	(See page 26 of Appendix A)
5.	<u>Inventory Analysis:</u>	
a.	Number of Days Supply based on actual burn at the station	(See page 26 of Appendix A)

Company Name: East Kentucky Power Cooperative, Inc.

Station Name - Unit Number:      Spurlock Unit 4

For the Month of:                      DECEMBER 2024

<u>Line No.</u>	<u>Item Description</u>	
1.	<u>Unit Performance:</u>	
a.	Capacity (name plate rating) (MW)	298.00
b.	Capacity (average load) (MW)	259.97
c.	Net Demonstrated Capacity (MW)	268.00
d.	Net Capability Factor (L1b / L1c) (%)	97.00
2.	<u>Heat Rate:</u>	
a.	BTU's Consumed (MMBTU)	1,924,924
b.	Gross Generation (MWH)	218,154
c.	Net Generation (MWH)	193,415
d.	Heat Rate (L2a / L2c) (BTU / KWH)	9,952
3.	<u>Operating Availability:</u>	
a.	Hours Unit Operated	744
b.	Hours Available	744
c.	Hours During the Period	744
d.	Availability Factor (L3b / L3c) (%)	100.00
4.	<u>Cost per KWH:</u>	
a.	Gross Generation - FAC Basis (cents / KWH)	
b.	Net Generation - FAC Basis (cents / KWH)	(See page 25 of Appendix A)
5.	<u>Inventory Analysis:</u>	
a.	Number of Days Supply based on actual burn at the station	(See page 25 of Appendix A)



Company Name: East Kentucky Power Cooperative, Inc.

Station Name - Unit Number: Smith Unit 1

For the Month of: DECEMBER 2024

<u>Line No.</u>	<u>Item Description</u>	
1.	<u>Unit Performance:</u>	
a.	Capacity (name plate rating) (MW)	110.50 *
b.	Capacity (average load) (MW)	92.20
c.	Net Demonstrated Capacity (MW)	104.00
d.	Net Capability Factor (L1b / L1c) (%)	88.65
2.	<u>Heat Rate:</u>	
a.	BTU's Consumed (MMBTU)	13,650
b.	Gross Generation (MWH)	1,067
c.	Net Generation (MWH)	922
d.	Heat Rate (L2a / L2c) (BTU / KWH)	14,805
3.	<u>Operating Availability:</u>	
a.	Hours Unit Operated	10
b.	Hours Available	502
c.	Hours During the Period	744
d.	Availability Factor (L3b / L3c) (%)	67.47
4.	<u>Cost per KWH:</u>	
a.	Gross Generation - FAC Basis (cents / KWH)	(See page 27 of Appendix A)
b.	Net Generation - FAC Basis (cents / KWH)	
5.	<u>Inventory Analysis:</u>	
a.	Number of Days Supply based on actual burn at the station	(See page 27 of Appendix A)

\* Unit Rated at 95 degree F, 50% Relative Humidity @ 14.3 psia.

Company Name: East Kentucky Power Cooperative, Inc.

Station Name - Unit Number: Smith Unit 2

For the Month of: DECEMBER 2024

<u>Line No.</u>	<u>Item Description</u>	
1.	<u>Unit Performance:</u>	
a.	Capacity (name plate rating) (MW)	110.50 *
b.	Capacity (average load) (MW)	96.00
c.	Net Demonstrated Capacity (MW)	104.00
d.	Net Capability Factor (L1b / L1c) (%)	92.31
2.	<u>Heat Rate:</u>	
a.	BTU's Consumed (MMBTU)	13,296
b.	Gross Generation (MWH)	1,009
c.	Net Generation (MWH)	864
d.	Heat Rate (L2a / L2c) (BTU / KWH)	15,389
3.	<u>Operating Availability:</u>	
a.	Hours Unit Operated	9
b.	Hours Available	620
c.	Hours During the Period	744
d.	Availability Factor (L3b / L3c) (%)	83.33
4.	<u>Cost per KWH:</u>	
a.	Gross Generation - FAC Basis (cents / KWH)	(See page 27 of Appendix A)
b.	Net Generation - FAC Basis (cents / KWH)	(See page 27 of Appendix A)
5.	<u>Inventory Analysis:</u>	
a.	Number of Days Supply based on actual burn at the station	(See page 27 of Appendix A)

\* Unit Rated at 95 degree F, 50% Relative Humidity @ 14.3 psia.

Company Name: East Kentucky Power Cooperative, Inc.

Station Name - Unit Number:      Smith Unit 3

For the Month of:                      DECEMBER 2024

<u>Line No.</u>	<u>Item Description</u>	
1.	<u>Unit Performance:</u>	
a.	Capacity (name plate rating) (MW)	110.50 *
b.	Capacity (average load) (MW)	102.16
c.	Net Demonstrated Capacity (MW)	104.00
d.	Net Capability Factor (L1b / L1c) (%)	98.23
2.	<u>Heat Rate:</u>	
a.	BTU's Consumed (MMBTU)	26,793
b.	Gross Generation (MWH)	2,086
c.	Net Generation (MWH)	1,941
d.	Heat Rate (L2a / L2c) (BTU / KWH)	13,804
3.	<u>Operating Availability:</u>	
a.	Hours Unit Operated	19
b.	Hours Available	744
c.	Hours During the Period	744
d.	Availability Factor (L3b / L3c) (%)	100.00
4.	<u>Cost per KWH:</u>	
a.	Gross Generation - FAC Basis (cents / KWH)	(See page 27 of Appendix A)
b.	Net Generation - FAC Basis (cents / KWH)	(See page 27 of Appendix A)
5.	<u>Inventory Analysis:</u>	
a.	Number of Days Supply based on actual burn at the station	(See page 27 of Appendix A)

\* Unit Rated at 95 degree F, 50% Relative Humidity @ 14.3 psia.

Company Name: East Kentucky Power Cooperative, Inc.

Station Name - Unit Number:      Smith Unit 4

For the Month of:                      DECEMBER 2024

<u>Line No.</u>	<u>Item Description</u>	
1.	<u>Unit Performance:</u>	
a.	Capacity (name plate rating) (MW)	72.90 *
b.	Capacity (average load) (MW)	65.47
c.	Net Demonstrated Capacity (MW)	74.13
d.	Net Capability Factor (L1b / L1c) (%)	88.32
2.	<u>Heat Rate:</u>	
a.	BTU's Consumed (MMBTU)	30,589
b.	Gross Generation (MWH)	2,502
c.	Net Generation (MWH)	2,357
d.	Heat Rate (L2a / L2c) (BTU / KWH)	12,978
3.	<u>Operating Availability:</u>	
a.	Hours Unit Operated	36
b.	Hours Available	38
c.	Hours During the Period	744
d.	Availability Factor (L3b / L3c) (%)	5.11
4.	<u>Cost per KWH:</u>	
a.	Gross Generation - FAC Basis (cents / KWH)	(See page 27 of Appendix A)
b.	Net Generation - FAC Basis (cents / KWH)	
5.	<u>Inventory Analysis:</u>	
a.	Number of Days Supply based on actual burn at the station	(See page 27 of Appendix A)

\* Unit Rated at 95 degree F, 50% Relative Humidity @ 14.3 psia.

Company Name: East Kentucky Power Cooperative, Inc.

Station Name - Unit Number: Smith Unit 5

For the Month of: DECEMBER 2024

<u>Line No.</u>	<u>Item Description</u>	
1.	<u>Unit Performance:</u>	
a.	Capacity (name plate rating) (MW)	72.90 *
b.	Capacity (average load) (MW)	58.18
c.	Net Demonstrated Capacity (MW)	74.13
d.	Net Capability Factor (L1b / L1c) (%)	78.48
2.	<u>Heat Rate:</u>	
a.	BTU's Consumed (MMBTU)	10,348
b.	Gross Generation (MWH)	785
c.	Net Generation (MWH)	640
d.	Heat Rate (L2a / L2c) (BTU / KWH)	16,169
3.	<u>Operating Availability:</u>	
a.	Hours Unit Operated	11
b.	Hours Available	528
c.	Hours During the Period	744
d.	Availability Factor (L3b / L3c) (%)	70.97
4.	<u>Cost per KWH:</u>	
a.	Gross Generation - FAC Basis (cents / KWH)	(See page 27 of Appendix A)
b.	Net Generation - FAC Basis (cents / KWH)	
5.	<u>Inventory Analysis:</u>	
a.	Number of Days Supply based on actual burn at the station	(See page 27 of Appendix A)

\* Unit Rated at 95 degree F, 50% Relative Humidity @ 14.3 psia.

Company Name: East Kentucky Power Cooperative, Inc.

Station Name - Unit Number:      Smith Unit 6

For the Month of:                      DECEMBER 2024

<u>Line No.</u>	<u>Item Description</u>	
1.	<u>Unit Performance:</u>	
a.	Capacity (name plate rating) (MW)	72.90 *
b.	Capacity (average load) (MW)	65.08
c.	Net Demonstrated Capacity (MW)	74.13
d.	Net Capability Factor (L1b / L1c) (%)	87.79
2.	<u>Heat Rate:</u>	
a.	BTU's Consumed (MMBTU)	10,446
b.	Gross Generation (MWH)	836
c.	Net Generation (MWH)	781
d.	Heat Rate (L2a / L2c) (BTU / KWH)	13,375
3.	<u>Operating Availability:</u>	
a.	Hours Unit Operated	12
b.	Hours Available	744
c.	Hours During the Period	744
d.	Availability Factor (L3b / L3c) (%)	100.00
4.	<u>Cost per KWH:</u>	
a.	Gross Generation - FAC Basis (cents / KWH)	
b.	Net Generation - FAC Basis (cents / KWH)	(See page 27 of Appendix A)
5.	<u>Inventory Analysis:</u>	
a.	Number of Days Supply based on actual burn at the station	(See page 27 of Appendix A)

\* Unit Rated at 95 degree F, 50% Relative Humidity @ 14.3 psia.

Company Name: East Kentucky Power Cooperative, Inc.

Station Name - Unit Number:      Smith Unit 7

For the Month of:                      DECEMBER 2024

<u>Line No.</u>	<u>Item Description</u>	
1.	<u>Unit Performance:</u>	
a.	Capacity (name plate rating) (MW)	72.90 *
b.	Capacity (average load) (MW)	60.88
c.	Net Demonstrated Capacity (MW)	74.13
d.	Net Capability Factor (L1b / L1c) (%)	82.13
2.	<u>Heat Rate:</u>	
a.	BTU's Consumed (MMBTU)	6,989
b.	Gross Generation (MWH)	562
c.	Net Generation (MWH)	487
d.	Heat Rate (L2a / L2c) (BTU / KWH)	14,351
3.	<u>Operating Availability:</u>	
a.	Hours Unit Operated	8
b.	Hours Available	744
c.	Hours During the Period	744
d.	Availability Factor (L3b / L3c) (%)	100.00
4.	<u>Cost per KWH:</u>	
a.	Gross Generation - FAC Basis (cents / KWH)	
b.	Net Generation - FAC Basis (cents / KWH)	(See page 27 of Appendix A)
5.	<u>Inventory Analysis:</u>	
a.	Number of Days Supply based on actual burn at the station	(See page 27 of Appendix A)

\* Unit Rated at 95 degree F, 50% Relative Humidity @ 14.3 psia.

Company Name: East Kentucky Power Cooperative, Inc.

Station Name - Unit Number:      Smith Unit 9

For the Month of:                      DECEMBER 2024

<u>Line No.</u>	<u>Item Description</u>	
1.	<u>Unit Performance:</u>	
a.	Capacity (name plate rating) (MW)	85.00 *
b.	Capacity (average load) (MW)	67.93
c.	Net Demonstrated Capacity (MW)	88.00
d.	Net Capability Factor (L1b / L1c) (%)	77.19
2.	<u>Heat Rate:</u>	
a.	BTU's Consumed (MMBTU)	39,843
b.	Gross Generation (MWH)	4,201
c.	Net Generation (MWH)	3,804
d.	Heat Rate (L2a / L2c) (BTU / KWH)	10,474
3.	<u>Operating Availability:</u>	
a.	Hours Unit Operated	56
b.	Hours Available	738
c.	Hours During the Period	744
d.	Availability Factor (L3b / L3c) (%)	99.19
4.	<u>Cost per KWH:</u>	
a.	Gross Generation - FAC Basis (cents / KWH)	
b.	Net Generation - FAC Basis (cents / KWH)	(See page 27 of Appendix A)
5.	<u>Inventory Analysis:</u>	
a.	Number of Days Supply based on actual burn at the station	(See page 27 of Appendix A)

\* Unit Rated at 95 degree F, 50% Relative Humidity @ 14.3 psia.



Company Name: East Kentucky Power Cooperative, Inc.

Station Name - Unit Number:      Smith Unit 10

For the Month of:                      DECEMBER 2024

<u>Line No.</u>	<u>Item Description</u>	
1.	<u>Unit Performance:</u>	
a.	Capacity (name plate rating) (MW)	85.00 *
b.	Capacity (average load) (MW)	67.58
c.	Net Demonstrated Capacity (MW)	88.00
d.	Net Capability Factor (L1b / L1c) (%)	76.80
2.	<u>Heat Rate:</u>	
a.	BTU's Consumed (MMBTU)	36,140
b.	Gross Generation (MWH)	3,767
c.	Net Generation (MWH)	3,379
d.	Heat Rate (L2a / L2c) (BTU / KWH)	10,695
3.	<u>Operating Availability:</u>	
a.	Hours Unit Operated	50
b.	Hours Available	742
c.	Hours During the Period	744
d.	Availability Factor (L3b / L3c) (%)	99.73
4.	<u>Cost per KWH:</u>	
a.	Gross Generation - FAC Basis (cents / KWH)	(See page 27 of Appendix A)
b.	Net Generation - FAC Basis (cents / KWH)	(See page 27 of Appendix A)
5.	<u>Inventory Analysis:</u>	
a.	Number of Days Supply based on actual burn at the station	(See page 27 of Appendix A)

\* Unit Rated at 95 degree F, 50% Relative Humidity @ 14.3 psia.

Company Name: East Kentucky Power Cooperative, Inc.

Station Name - Unit Number: Bavarian Landfill Generating Units

For the Month of: DECEMBER 2024

<u>Line No.</u>	<u>Item Description</u>	
1.	<u>Unit Performance:</u>	
a.	Capacity (name plate rating) (MW)	4.80
b.	Capacity (average load) (MW)	4.30
c.	Net Demonstrated Capacity (MW)	4.60
d.	Net Capability Factor (L1b / L1c) (%)	93.48
2.	<u>Heat Rate:</u>	
a.	BTU's Consumed (MMBTU)	30,557
b.	Gross Generation (MWH)	2,970
c.	Net Generation (MWH)	2,862
d.	Heat Rate (L2a / L2c) (BTU / KWH)	10,677
3.	<u>Operating Availability:</u>	
a.	Hours Unit Operated	652
b.	Hours Available	730
c.	Hours During the Period	744
d.	Availability Factor (L3b / L3c) (%)	98.12
4.	<u>Cost per KWH:</u>	
a.	Gross Generation - FAC Basis (cents / KWH)	
b.	Net Generation - FAC Basis (cents / KWH)	(See Page 28 of Appendix A)
5.	<u>Inventory Analysis:</u>	
a.	Number of Days Supply based on actual burn at the station	(See Page 28 of Appendix A)

Company Name: East Kentucky Power Cooperative, Inc.

Station Name - Unit Number: Green Valley Landfill Generating Units

For the Month of: DECEMBER 2024

<u>Line No.</u>	<u>Item Description</u>	
1.	<u>Unit Performance:</u>	
a.	Capacity (name plate rating) (MW)	2.40
b.	Capacity (average load) (MW)	2.29
c.	Net Demonstrated Capacity (MW)	2.40
d.	Net Capability Factor (L1b / L1c) (%)	95.42
2.	<u>Heat Rate:</u>	
a.	BTU's Consumed (MMBTU)	19,444
b.	Gross Generation (MWH)	1,689
c.	Net Generation (MWH)	1,659
d.	Heat Rate (L2a / L2c) (BTU / KWH)	11,720
3.	<u>Operating Availability:</u>	
a.	Hours Unit Operated	724
b.	Hours Available	733
c.	Hours During the Period	744
d.	Availability Factor (L3b / L3c) (%)	98.52
4.	<u>Cost per KWH:</u>	
a.	Gross Generation - FAC Basis (cents / KWH)	
b.	Net Generation - FAC Basis (cents / KWH)	(See Page 29 of Appendix A)
5.	<u>Inventory Analysis:</u>	
a.	Number of Days Supply based on actual burn at the station	(See Page 29 of Appendix A)

Company Name: East Kentucky Power Cooperative, Inc.

Station Name - Unit Number: Hardin Co. Generating Units

For the Month of: DECEMBER 2024

<u>Line No.</u>	<u>Item Description</u>	
1.	<u>Unit Performance:</u>	
a.	Capacity (name plate rating) (MW)	2.40
b.	Capacity (average load) (MW)	1.76
c.	Net Demonstrated Capacity (MW)	2.40
d.	Net Capability Factor (L1b / L1c) (%)	73.33
2.	<u>Heat Rate:</u>	
a.	BTU's Consumed (MMBTU)	471
b.	Gross Generation (MWH)	32
c.	Net Generation (MWH)	30
d.	Heat Rate (L2a / L2c) (BTU / KWH)	15,700
3.	<u>Operating Availability:</u>	
a.	Hours Unit Operated	17
b.	Hours Available	744
c.	Hours During the Period	744
d.	Availability Factor (L3b / L3c) (%)	100.00
4.	<u>Cost per KWH:</u>	
a.	Gross Generation - FAC Basis (cents / KWH)	
b.	Net Generation - FAC Basis (cents / KWH)	(See Page 30 of Appendix A)
5.	<u>Inventory Analysis:</u>	
a.	Number of Days Supply based on actual burn at the station	(See Page 30 of Appendix A)

Company Name: East Kentucky Power Cooperative, Inc.

Station Name - Unit Number: Pendleton Co. Generating Units

For the Month of: DECEMBER 2024

<u>Line No.</u>	<u>Item Description</u>	
1.	<u>Unit Performance:</u>	
a.	Capacity (name plate rating) (MW)	3.20
b.	Capacity (average load) (MW)	3.10
c.	Net Demonstrated Capacity (MW)	3.20
d.	Net Capability Factor (L1b / L1c) (%)	96.88
2.	<u>Heat Rate:</u>	
a.	BTU's Consumed (MMBTU)	26,277
b.	Gross Generation (MWH)	2,342
c.	Net Generation (MWH)	2,269
d.	Heat Rate (L2a / L2c) (BTU / KWH)	11,581
3.	<u>Operating Availability:</u>	
a.	Hours Unit Operated	732
b.	Hours Available	732
c.	Hours During the Period	744
d.	Availability Factor (L3b / L3c) (%)	98.39
4.	<u>Cost per KWH:</u>	
a.	Gross Generation - FAC Basis (cents / KWH)	
b.	Net Generation - FAC Basis (cents / KWH)	(See Page 31 of Appendix A)
5.	<u>Inventory Analysis:</u>	
a.	Number of Days Supply based on actual burn at the station	(See Page 31 of Appendix A)

Company Name: East Kentucky Power Cooperative, Inc.

Station Name - Unit Number: Glasgow Landfill Generating Unit

For the Month of: DECEMBER 2024

<u>Line No.</u>	<u>Item Description</u>	
1.	<u>Unit Performance:</u>	
a.	Capacity (name plate rating) (MW)	1.00
b.	Capacity (average load) (MW)	0.56
c.	Net Demonstrated Capacity (MW)	0.90
d.	Net Capability Factor (L1b / L1c) (%)	62.22
2.	<u>Heat Rate:</u>	
a.	BTU's Consumed (MMBTU)	5,355
b.	Gross Generation (MWH)	424
c.	Net Generation (MWH)	402
d.	Heat Rate (L2a / L2c) (BTU / KWH)	13,321
3.	<u>Operating Availability:</u>	
a.	Hours Unit Operated	716
b.	Hours Available	740
c.	Hours During the Period	744
d.	Availability Factor (L3b / L3c) (%)	99.46
4.	<u>Cost per KWH:</u>	
a.	Gross Generation - FAC Basis (cents / KWH)	
b.	Net Generation - FAC Basis (cents / KWH)	(See Page 32 of Appendix A)
5.	<u>Inventory Analysis:</u>	
a.	Number of Days Supply based on actual burn at the station	(See Page 32 of Appendix A)

\* Unit is leased to Farmers RECC with a PPA through December 2025.

Company Name: East Kentucky Power Cooperative, Inc.

Station Name - Unit Number:      Bluegrass Station Unit 1

For the Month of:                      DECEMBER 2024

<u>Line No.</u>	<u>Item Description</u>	
1.	<u>Unit Performance:</u>	
a.	Capacity (name plate rating) (MW)	208.00
b.	Capacity (average load) (MW)	0.00
c.	Net Demonstrated Capacity (MW)	165.00
d.	Net Capability Factor (L1b / L1c) (%)	0.00
2.	<u>Heat Rate:</u>	
a.	BTU's Consumed (MMBTU)	0
b.	Gross Generation (MWH)	0
c.	Net Generation (MWH)	0
d.	Heat Rate (L2a / L2c) (BTU / KWH)	0
3.	<u>Operating Availability:</u>	
a.	Hours Unit Operated	0
b.	Hours Available	744
c.	Hours During the Period	744
d.	Availability Factor (L3b / L3c) (%)	100.00
4.	<u>Cost per KWH:</u>	
a.	Gross Generation - FAC Basis (cents / KWH)	(See page 33 of Appendix A)
b.	Net Generation - FAC Basis (cents / KWH)	(See page 33 of Appendix A)
5.	<u>Inventory Analysis:</u>	
a.	Number of Days Supply based on actual burn at the station	(See page 33 of Appendix A)

Company Name: East Kentucky Power Cooperative, Inc.

Station Name - Unit Number:      Bluegrass Station Unit 2

For the Month of:                      DECEMBER 2024

<u>Line No.</u>	<u>Item Description</u>	
1.	<u>Unit Performance:</u>	
a.	Capacity (name plate rating) (MW)	208.00
b.	Capacity (average load) (MW)	0.00
c.	Net Demonstrated Capacity (MW)	165.00
d.	Net Capability Factor (L1b / L1c) (%)	0.00
2.	<u>Heat Rate:</u>	
a.	BTU's Consumed (MMBTU)	0
b.	Gross Generation (MWH)	0
c.	Net Generation (MWH)	0
d.	Heat Rate (L2a / L2c) (BTU / KWH)	0
3.	<u>Operating Availability:</u>	
a.	Hours Unit Operated	0
b.	Hours Available	744
c.	Hours During the Period	744
d.	Availability Factor (L3b / L3c) (%)	100.00
4.	<u>Cost per KWH:</u>	
a.	Gross Generation - FAC Basis (cents / KWH)	(See page 33 of Appendix A)
b.	Net Generation - FAC Basis (cents / KWH)	(See page 33 of Appendix A)
5.	<u>Inventory Analysis:</u>	
a.	Number of Days Supply based on actual burn at the station	(See page 33 of Appendix A)



Company Name: East Kentucky Power Cooperative, Inc.

Station Name - Unit Number: Bluegrass Station Unit 3

For the Month of: DECEMBER 2024

<u>Line No.</u>	<u>Item Description</u>	
1.	<u>Unit Performance:</u>	
a.	Capacity (name plate rating) (MW)	208.00
b.	Capacity (average load) (MW)	140.50
c.	Net Demonstrated Capacity (MW)	165.00
d.	Net Capability Factor (L1b / L1c) (%)	85.15
2.	<u>Heat Rate:</u>	
a.	BTU's Consumed (MMBTU)	3,381
b.	Gross Generation (MWH)	286
c.	Net Generation (MWH)	281
d.	Heat Rate (L2a / L2c) (BTU / KWH)	12,032
3.	<u>Operating Availability:</u>	
a.	Hours Unit Operated	2
b.	Hours Available	744
c.	Hours During the Period	744
d.	Availability Factor (L3b / L3c) (%)	100.00
4.	<u>Cost per KWH:</u>	
a.	Gross Generation - FAC Basis (cents / KWH)	(See page 33 of Appendix A)
b.	Net Generation - FAC Basis (cents / KWH)	(See page 33 of Appendix A)
5.	<u>Inventory Analysis:</u>	
a.	Number of Days Supply based on actual burn at the station	(See page 33 of Appendix A)

\* Unit is leased to LKE with a PPA through April 30, 2019.

Company Name: East Kentucky Power Cooperative, Inc.

Station Name - Unit Number: Cooper 1 & 2

For the Month of: DECEMBER 2024

Item Description

Line

No.

Unit Performance:

- 1. a. Capacity (name plate rating) (MW)
- b. Capacity (average load) (MW)
- c. Net Demonstrated Capacity (MW)
- d. Net Capability Factor (L1b / L1c) (%) (See pages 1 - 2 of Appendix A)

Heat Rate:

- 2. a. BTU's Consumed (MMBTU)
- b. Gross Generation (MWH)
- c. Net Generation (MWH)
- d. Heat Rate (L2a / L2c) (BTU / KWH) (See pages 1 - 2 of Appendix A)

Operating Availability:

- 3. a. Hours Unit Operated
- b. Hours Available
- c. Hours During the Period
- d. Availability Factor (L3b / L3c) (%) (See pages 1 - 2 of Appendix A)

Cost per KWH:

- 4. a. Gross Generation - FAC Basis (cents /KWH) 5.585
- b. Net Generation - FAC Basis (cents / KWH) 6.156

Inventory Analysis:

- 5. a. Number of Days Supply based on actual burn at the station 31

Company Name: East Kentucky Power Cooperative, Inc.

Station Name - Unit Number: Spurlock 1 & 2 & 4

For the Month of:            DECEMBER 2024

Line No.	<u>Item Description</u>	
1.	<u>Unit Performance:</u>	
	a. Capacity (name plate rating) (MW)	
	b. Capacity (average load) (MW)	
	c. Net Demonstrated Capacity (MW)	
	d. Net Capability Factor (L1b / L1c) (%)	(See pages 3, 4, 6 of Appendix A)
2.	<u>Heat Rate:</u>	
	a. BTU's Consumed (MMBTU)	
	b. Gross Generation (MWH)	
	c. Net Generation (MWH)	
	d. Heat Rate (L2a / L2c) (BTU / KWH)	(See pages 3, 4, 6 of Appendix A)
3.	<u>Operating Availability:</u>	
	a. Hours Unit Operated	
	b. Hours Available	
	c. Hours During the Period	
	d. Availability Factor (L3b / L3c) (%)	(See pages 3, 4, 6 of Appendix A)
4.	<u>Cost per KWH:</u>	
	a. Gross Generation - FAC Basis (cents /KWH)	2.751
	b. Net Generation - FAC Basis (cents / KWH)	3.036
5.	<u>Inventory Analysis:</u>	
	a. Number of Days Supply based on actual burn at the stations for Spurlock 1 & 2 and Gilbert	44

Company Name: East Kentucky Power Cooperative, Inc.

Format 1

Station Name - Unit Number: Gilbert Unit 3

For the Month of: DECEMBER 2024

Line No.	<u>Item Description</u>		
	<u>Unit Performance:</u>		
1.	a. Capacity (name plate rating) (MW)		
	b. Capacity (average load) (MW)		
	c. Net Demonstrated Capacity (MW)		
	d. Net Capability Factor (L1b / L1c) (%)	(See page 5 of Appendix A)	
	<u>Heat Rate:</u>		
2.	a. BTU's Consumed (MMBTU)		
	b. Gross Generation (MWH)		
	c. Net Generation (MWH)		
	d. Heat Rate (L2a / L2c) (BTU / KWH)	(See page 5 of Appendix A)	
	<u>Operating Availability:</u>		
3.	a. Hours Unit Operated		
	b. Hours Available		
	c. Hours During the Period		
	d. Availability Factor (L3b / L3c) (%)	(See page 5 of Appendix A)	
	<u>Cost per KWH:</u>		
4.	a. Gross Generation - FAC Basis (cents /KWH)		2.813
	b. Net Generation - FAC Basis (cents / KWH)		3.121
	<u>Inventory Analysis:</u>		
5.	a. Number of Days Supply based on actual burn at the station	(See page 25 of Appendix A)	

Company Name: East Kentucky Power Cooperative, Inc.

Station Name - Unit Number: J. K. Smith Combustion Turbine 1, 2, 3, 4, 5, 6, 7, 9, 10

For the Month of:            DECEMBER 2024

Line No.	<u>Item Description</u>	
1.	<u>Unit Performance:</u>	
	a. Capacity (name plate rating) (MW)	
	b. Capacity (average load) (MW)	
	c. Net Demonstrated Capacity (MW)	
	d. Net Capability Factor (L1b / L1c) (%)	(See page 7- 15 of Appendix A)
2.	<u>Heat Rate:</u>	
	a. BTU's Consumed (MMBTU)	
	b. Gross Generation (MWH)	
	c. Net Generation (MWH)	
	d. Heat Rate (L2a / L2c) (BTU / KWH)	(See page 7- 15 of Appendix A)
3.	<u>Operating Availability:</u>	
	a. Hours Unit Operated	
	b. Hours Available	
	c. Hours During the Period	
	d. Availability Factor (L3b / L3c) (%)	(See page 7- 15 of Appendix A)
4.	<u>Cost per KWH:</u>	
	a. Gross Generation - FAC Basis (cents /KWH)	4.044
	b. Net Generation - FAC Basis (cents / KWH)	4.481
5.	<u>Inventory Analysis</u>	
	a. Number of Hours Supply based on actual burn at the station	44

Company Name: East Kentucky Power Cooperative, Inc.

Station Name - Bavarian Landfill Generating Units

For the Month of:            DECEMBER 2024

Line No.	Item Description	
1.	<u>Unit Performance:</u>	
a.	Capacity (name plate rating) (MW)	
b.	Capacity (average load) (MW)	
c.	Net Demonstrated Capacity (MW)	
d.	Net Capability Factor (L1b / L1c) (%)	(See page 16 of Appendix A)
2.	<u>Heat Rate:</u>	
a.	BTU's Consumed (MMBTU)	
b.	Gross Generation (MWH)	
c.	Net Generation (MWH)	
d.	Heat Rate (L2a / L2c) (BTU / KWH)	(See page 16 of Appendix A)
3.	<u>Operating Availability:</u>	
a.	Hours Unit Operated	
b.	Hours Available	
c.	Hours During the Period	
d.	Availability Factor (L3b / L3c) (%)	(See page 16 of Appendix A)
4.	<u>Cost per KWH:</u>	
a.	Gross Generation - FAC Basis (cents /KWH)	0.957
b.	Net Generation - FAC Basis (cents / KWH)	0.957
5.	<u>Inventory Analysis</u>	
a.	Number of Hours Supply based on actual burn at the station	N/A

Company Name: East Kentucky Power Cooperative, Inc.

Station Name - Green Valley Landfill Generating Units

For the Month of:            DECEMBER 2024

Line No.	<u>Item Description</u>		
1.	<u>Unit Performance:</u>		
	a. Capacity (name plate rating) (MW)		
	b. Capacity (average load) (MW)		
	c. Net Demonstrated Capacity (MW)		
	d. Net Capability Factor (L1b / L1c) (%)	(See page 17 of Appendix A)	
2.	<u>Heat Rate:</u>		
	a. BTU's Consumed (MMBTU)		
	b. Gross Generation (MWH)		
	c. Net Generation (MWH)		
	d. Heat Rate (L2a / L2c) (BTU / KWH)	(See page 17 of Appendix A)	
3.	<u>Operating Availability:</u>		
	a. Hours Unit Operated		
	b. Hours Available		
	c. Hours During the Period		
	d. Availability Factor (L3b / L3c) (%)	(See page 17 of Appendix A)	
4.	<u>Cost per KWH:</u>		
	a. Gross Generation - FAC Basis (cents /KWH)		0.957
	b. Net Generation - FAC Basis (cents / KWH)		0.957
5.	<u>Inventory Analysis</u>		
	a. Number of Hours Supply based on actual burn at the station		N/A

Company Name: East Kentucky Power Cooperative, Inc.

Station Name - Hardin County Landfill Generating Units

For the Month of:            DECEMBER 2024

Line No.	<u>Item Description</u>	
1.	<u>Unit Performance:</u>	
a.	Capacity (name plate rating) (MW)	
b.	Capacity (average load) (MW)	
c.	Net Demonstrated Capacity (MW)	
d.	Net Capability Factor (L1b / L1c) (%)	(See page 18 of Appendix A)
2.	<u>Heat Rate:</u>	
a.	BTU's Consumed (MMBTU)	
b.	Gross Generation (MWH)	
c.	Net Generation (MWH)	
d.	Heat Rate (L2a / L2c) (BTU / KWH)	(See page 18 of Appendix A)
3.	<u>Operating Availability:</u>	
a.	Hours Unit Operated	
b.	Hours Available	
c.	Hours During the Period	
d.	Availability Factor (L3b / L3c) (%)	(See page 18 of Appendix A)
4.	<u>Cost per KWH:</u>	
a.	Gross Generation - FAC Basis (cents /KWH)	0.957
b.	Net Generation - FAC Basis (cents / KWH)	0.957
5.	<u>Inventory Analysis</u>	
a.	Number of Hours Supply based on actual burn at the station	N/A



Company Name: East Kentucky Power Cooperative, Inc.

Station Name - Pendleton County Landfill Generating Units

For the Month of:            DECEMBER 2024

Line No.	<u>Item Description</u>	
1.	<u>Unit Performance:</u>	
a.	Capacity (name plate rating) (MW)	
b.	Capacity (average load) (MW)	
c.	Net Demonstrated Capacity (MW)	
d.	Net Capability Factor (L1b / L1c) (%)	(See page 19 of Appendix A)
2.	<u>Heat Rate:</u>	
a.	BTU's Consumed (MMBTU)	
b.	Gross Generation (MWH)	
c.	Net Generation (MWH)	
d.	Heat Rate (L2a / L2c) (BTU / KWH)	(See page 19 of Appendix A)
3.	<u>Operating Availability:</u>	
a.	Hours Unit Operated	
b.	Hours Available	
c.	Hours During the Period	
d.	Availability Factor (L3b / L3c) (%)	(See page 19 of Appendix A)
4.	<u>Cost per KWH:</u>	
a.	Gross Generation - FAC Basis (cents /KWH)	0.957
b.	Net Generation - FAC Basis (cents / KWH)	0.957
5.	<u>Inventory Analysis</u>	
a.	Number of Hours Supply based on actual burn at the station	N/A

Company Name: East Kentucky Power Cooperative, Inc.

Station Name Glasgow Landfill Generating Unit

For the Month of: DECEMBER 2024

Line

No.

Item Description

1.	<u>Unit Performance:</u>	
a.	Capacity (name plate rating) (MW)	
b.	Capacity (average load) (MW)	
c.	Net Demonstrated Capacity (MW)	
d.	Net Capability Factor (L1b / L1c) (%)	(See page 20 of Appendix A)
2.	<u>Heat Rate:</u>	
a.	BTU's Consumed (MMBTU)	
b.	Gross Generation (MWH)	
c.	Net Generation (MWH)	
d.	Heat Rate (L2a / L2c) (BTU / KWH)	(See page 20 of Appendix A)
3.	<u>Operating Availability:</u>	
a.	Hours Unit Operated	
b.	Hours Available	
c.	Hours During the Period	
d.	Availability Factor (L3b / L3c) (%)	(See page 20 of Appendix A)
4.	<u>Cost per KWH:</u>	
a.	Gross Generation - FAC Basis (cents /KWH)	0.000
b.	Net Generation - FAC Basis (cents / KWH)	0.000
5.	<u>Inventory Analysis</u>	
a.	Number of Hours Supply based on actual burn at the station	N/A

\* Glasgow landfill plant generation is sold to Farmers RECC through a 10 year PPA. Therefore, this unit is excluded from the FAC caculation and cost per kwh shown above.

Company Name: East Kentucky Power Cooperative, Inc.

Station Name                      Bluegrass Unit 1 , 2, and 3

For the Month of:                      DECEMBER 2024

Line

No.                      Item Description

1.                      Unit Performance:

- a.                      Capacity (name plate rating) (MW)
- b.                      Capacity (average load) (MW)
- c.                      Net Demonstrated Capacity (MW)
- d.                      Net Capability Factor (L1b / L1c) (%)                      (See page 21 - 23 of Appendix A)

2.                      Heat Rate:

- a.                      BTU's Consumed (MMBTU)
- b.                      Gross Generation (MWH)
- c.                      Net Generation (MWH)
- d.                      Heat Rate (L2a / L2c) (BTU / KWH)                      (See page 21 - 23 of Appendix A)

3.                      Operating Availability:

- a.                      Hours Unit Operated
- b.                      Hours Available
- c.                      Hours During the Period
- d.                      Availability Factor (L3b / L3c) (%)                      (See page 21 - 23 of Appendix A)

4.                      Cost per KWH:

- a.                      Gross Generation - FAC Basis (cents /KWH)                      5.218
- b.                      Net Generation - FAC Basis (cents / KWH)                      5.311

5.                      Inventory Analysis

- a.                      Number of Hours Supply based on actual burn at the station                      52

Cooper - Number of Days Supply	31
Spurlock - Number of Days Supply	44
Smith - Number of Hours Supply	44
Bluegrass - Number of Hours Supply	52
Bavarian Ridge Landfill - Number of Hours Supply	N/A
Green Valley Landfill - Number of Hours Supply	N/A
Hardin Co. Landfill - Number of Hours Supply	N/A
Pendleton Co. Landfill - Number of Hours Supply	N/A
Glassgow Landfill - Number of Hours Supply	N/A

NOTE: Beginning in April 2006, EKPC began using the maximum burn to calculate the number of days supply.

Analysis of Coal Purchase For The Month Of December 2024

<u>Station &amp; Supplier</u>	<u>P</u>	<u>P</u>	<u>M</u>	<u>Tons</u> <u>Purchased</u>	<u>BTU</u> <u>P/LB.</u>	<u>NO.</u> <u>MMBT</u>	<u>F.O.B. Mine</u>		<u>Trans. Cost</u>		<u>Del. Cost</u>		<u>%</u> <u>State</u>	<u>%</u> <u>Sulfur</u>	<u>%</u> <u>Ash</u>	<u>%</u> <u>Moisture</u>
	<u>B</u>	<u>O</u>					<u>Price</u>	<u>\$ Per</u>	<u>Per</u>	<u>\$ Per</u>	<u>Per</u>	<u>\$ Per</u>				
	<u>D</u>	<u>C</u>	<u>T</u>				<u>P/Ton</u>	<u>MMBTU</u>	<u>Ton</u>	<u>MMBTU</u>	<u>Ton</u>	<u>MMBTU</u>				
	<u>U</u>	<u>N</u>	<u>T</u>													
	(A)	(B)	(C)													
<b>Cooper 1 &amp; 2 Station</b>																
<b>LT Contract Suppliers</b>																
<b>Weighted Average</b>																
<b>Spot Market Suppliers</b>																
B & W RESOURCES INC	P	0000251692	T	1,723	11754	23.51	91.95	391.1	0.00	0.0	91.95	391.1	EKY	1.0	11.9	9.2
BLACKHAWK COAL SALES, LLC	P	0000251693	T	3,519	12103	24.21	95.27	393.6	0.00	0.0	95.27	393.6	EKY	1.2	10.6	7.7
<b>Weighted Average</b>				5,241	11988	23.98	94.18	392.8	0.00	0.0	94.18	392.8				
<b>Station Average</b>				5,241	11988	23.98	94.18	392.8	0.00	0.0	94.18	392.8				

Note: Transportation cost for coal delivered by truck cannot be determined, therefore is not included in trans. cost averages

(A) Designated by symbol  
P = producer D = distributor  
B = broker U = utility

(B) POCN = purchase order or contract number

(C) MT = mode of transportation designated by symbol  
R = rail T = truck  
B = barge P = pipeline

Analysis of Coal Purchase For The Month Of December 2024

<u>Station &amp; Supplier</u>	<u>P</u>	<u>P</u>	<u>M</u>	<u>Tons</u> <u>Purchased</u>	<u>BTU</u> <u>P/LB.</u>	<u>NO.</u> <u>MMBT</u>	<u>F.O.B. Mine</u>		<u>Trans. Cost</u>		<u>Del. Cost</u>		<u>%</u> <u>State</u>	<u>%</u> <u>Sulfur</u>	<u>%</u> <u>Ash</u>	<u>%</u> <u>Moisture</u>
	<u>B</u>	<u>O</u>					<u>Price</u>	<u>\$ Per</u>	<u>Per</u>	<u>\$ Per</u>	<u>Per</u>	<u>\$ Per</u>				
	<u>D</u>	<u>C</u>	<u>T</u>				<u>P/Ton</u>	<u>MMBTU</u>	<u>Ton</u>	<u>MMBTU</u>	<u>Ton</u>	<u>MMBTU</u>				
	<u>U</u>	<u>N</u>	<u>T</u>													
	(A)	(B)	(C)													
<b>Spurlock 1 &amp; 2</b>																
<b>Station</b>																
<b>LT Contract Suppliers</b>																
ALLIANCE COAL LLC	P	0000000558	B	30,009	11445	22.89	87.25	381.2	7.51	32.8	94.76	414.0	WKY	3.0	9.4	12.0
<b>Weighted Average</b>				30,009	11445	22.89	87.25	381.2	7.51	32.8	94.76	414.0				
<b>Spot Market Suppliers</b>																
IRON COAL SALES, LLC	P	0000551694	B	31,352	12903	25.81	49.69	192.6	8.21	31.8	57.90	224.4	PA	3.3	8.2	6.5
CCU COAL & CONSTRUCTION, LLC	P	0000551695	B	22,330	11561	23.12	51.27	221.7	6.19	26.8	57.46	248.5	OH	3.6	13.8	6.6
RIVER TRADING COMPANY, LTD	B	0000551696	B	3,124	11481	22.96	45.24	197.0	3.59	15.6	48.83	212.6	EKY	2.8	11.0	11.0
FORESIGHT COAL SALES LLC	P	0000551701	B	58,902	11492	22.98	43.10	187.5	7.51	32.7	50.61	220.2	IL	2.9	8.6	12.5
<b>Weighted Average</b>				115,707	11887	23.77	46.52	195.7	7.43	31.2	53.94	226.9				
<b>Station Average</b>				145,716	11796	23.59	54.91	232.7	7.44	31.6	62.35	264.3				

Note: Transportation cost for coal delivered by truck cannot be determined, therefore is not included in trans. cost averages

(A) Designated by symbol  
P = producer D = distributor  
B = broker U = utility

(B) POCN = purchase order or contract number

(C) MT = mode of transportation designated by symbol  
R = rail T = truck  
B = barge P = pipeline

East Kentucky Power Cooperative

Analysis of Coal Purchase For The Month Of December 2024

<u>Station &amp; Supplier</u>	<u>P</u>	<u>P</u>	<u>M</u>	<u>Tons</u> <u>Purchased</u>	<u>BTU</u> <u>P/LB.</u>	<u>NO.</u> <u>MMBT</u>	<u>F.O.B. Mine</u>		<u>Trans. Cost</u>		<u>Del. Cost</u>		<u>%</u> <u>Sulfur</u>	<u>%</u> <u>Ash</u>	<u>%</u> <u>Moisture</u>	
	<u>D</u>	<u>O</u>					<u>Price</u>	<u>\$ Per</u>	<u>Per</u>	<u>\$ Per</u>	<u>Per</u>	<u>\$ Per</u>				
	<u>U</u>	<u>N</u>	<u>T</u>				<u>P/Ton</u>	<u>MMBTU</u>	<u>Ton</u>	<u>MMBTU</u>	<u>Ton</u>	<u>MMBTU</u>	<u>State</u>			
	(A)	(B)	(C)													
<b>Spurlock 3 &amp; 4</b>																
<b>Station</b>																
<b>LT Contract Suppliers</b>																
B & N COAL INC	P	0000000840	B	9,671	11866	23.73	107.65	453.6	5.90	24.9	113.55	478.5	OH	3.5	13.4	6.4
B & N COAL INC	P	0000000846	B	9,713	11599	23.20	47.29	203.8	5.90	25.4	53.19	229.3	OH	3.9	13.3	8.0
B & N COAL INC	P	0000000848	B	19,452	11352	22.70	46.29	203.9	5.90	26.0	52.19	229.9	OH	4.3	15.7	6.9
<b>Weighted Average</b>				38,836	11542	23.08	61.82	267.8	5.90	25.6	67.72	293.4				
<b>Spot Market Suppliers</b>																
CCU COAL & CONSTRUCTION, LLC	P	0000851667	B	1,807	11570	23.14	44.82	193.7	6.19	26.8	51.01	220.5	OH	4.4	13.9	6.2
CCU COAL & CONSTRUCTION, LLC	P	0000851700	B	15,603	11543	23.09	51.53	223.2	6.19	26.8	57.72	250.0	OH	4.9	14.4	6.3
<b>Weighted Average</b>				17,410	11546	23.09	50.83	220.1	6.19	26.8	57.02	246.9				
<b>Station Average</b>				56,246	11543	23.09	58.42	253.1	5.99	25.9	64.41	279.0				
<b>System Average</b>				207,203	11732	23.46	56.85	242.0	6.81	29.0	63.67	271.3				

Note: Transportation cost for coal delivered by truck cannot be determined, therefore is not included in trans. cost averages

(A) Designated by symbol  
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EAST KENTUCKY POWER COOPERATIVE

Appendix B

ANALYSIS OF OTHER FUEL PURCHASES FOR THE MONTH OF DECEMBER 2024

Format 2

FUEL & SUPPLIER (A)	<u>P B D U</u> (B)	<u>P O C N</u> (C)	<u>M T</u> (D)	<u>STATION NAME</u> (E)	<u>GAL. OR CU. FT. PURCHASED</u> (F)	<u>BTU PER UNIT</u> (G)	<u>DELIVERED COST</u> (H)	<u>¢ PER MMBTU</u> (I)	<u>% SQ</u> (J)
<b>OIL SUPPLIER:</b>									
PETROLEUM TRADERS	D	43665	T	COOPER	-	138600	\$ -		0.00
TARTAN OIL	D	43664	T	COOPER	30,042	138600	\$ 68,835.81	1653	0.00
TOTAL OIL				COOPER	30,042		\$ 68,835.81		

(B) DESIGNATED BY SYMBOL

P = PRODUCER  
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DESIGNATED BY SYMBOL  
R = RAIL T = TRUCK  
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EAST KENTUCKY POWER COOPERATIVE

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Format 2

FUEL & SUPPLIER (A)	<u>P B D U</u> (B)	<u>P O C N</u> (C)	<u>M T</u> (D)	<u>STATION NAME</u> (E)	<u>GAL. OR CU. FT. PURCHASED</u> (F)	<u>BTU PER UNIT</u> (G)	<u>DELIVERED COST</u> (H)	<u>¢ PER MMBTU</u> (I)	<u>% SO</u> (J)
<b>OIL SUPPLIER:</b>									
MARATHON PETROLEUM	D	43663	T	SPURLOCK	75,672	138600	\$ 170,406.26	1625	0.00
PETROLEUM TRADERS	D	43665	T	SPURLOCK	44,870	138600	\$ 133,580.23	2148	0.00
TOTAL OIL				SPURLOCK	120,542		303,986.49		

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EAST KENTUCKY POWER COOPERATIVE

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Format 2

FUEL & SUPPLIER (A)	P B D U (B)	P O C N (C)	M T (D)	STATION NAME (E)	GAL. OR CU. FT. PURCHASED (F)	BTU PER UNIT (G)	DELIVERED COST (H)	¢ PER MMBTU (I)	% SQ (J)
OIL SUPPLIER:									
PETROLEUM TRADERS	D	43665	T	SMITH	-	138600	\$ -	0	0.00
TOTAL OIL				SMITH	-		\$ -		

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Format 2

FUEL & SUPPLIER (A)	<u>P B D U</u> (B)	<u>P O C N</u> (C)	<u>M T</u> (D)	<u>STATION NAME</u> (E)	<u>GAL. OR CU. FT. PURCHASED</u> (F)	<u>BTU PER UNIT</u> (G)	<u>DELIVERED COST</u> (H)	<u>¢ PER MMBTU</u> (I)	<u>% SQ</u> (J)
<b>OIL SUPPLIER:</b>									
PETROLEUM TRADERS	D	43665	T	BLUEGRASS	1,914	138600	\$ 5,710.13	2152	0.00
PETROLEUM TRADERS	D	43683	T	BLUEGRASS	773,930	138600	\$ 2,141,923.60	1997	0.00
TOTAL OIL				BLUEGRASS	775,844		\$ 2,147,633.73		

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Format 2

FUEL & SUPPLIER (A)	<u>P B D U</u> (B)	<u>P O C N</u> (C)	<u>M T</u> (D)	<u>STATION NAME</u> (E)	<u>GAL. OR CU. FT. PURCHASED</u> (F)	<u>BTU PER UNIT</u> (G)	<u>DELIVERED COST</u> (H)	<u>¢ PER MMBTU</u> (I)	<u>% SQ</u> (J)
NATURAL GAS SUPPLIER:									
TGP CASHOUT	P	5013	P	SMITH CT	-	1000	\$ -	0	0.00
TGP-SCHEDULE CHGS	P	5014	P	SMITH CT	-	1000	\$ -	0	0.00
UNITED ENERGY TRADING	P	5032	P	SMITH CT	88,000.00	1000	\$ 268,140.00	305	0.00
ECO ENERGY	P	5030	P	SMITH CT	-	1000	\$ -	0	0.00
SEQUENT	P	5012	P	SMITH CT	77,500.00	1000	\$ 252,650.00	326	0.00
TENASKA MARKETING	P	5999	P	SMITH CT	-	1000	\$ -	0	0.00
NJR ENERGY	P	5018	P	SMITH CT	-	1000	\$ -	0	0.00
SOUTHWEST ENERGY	P	5031	P	SMITH CT	-	1000	\$ -	0	0.00
NRG BUSINESS MARKETING	P	5993	P	SMITH CT	-	1000	\$ -	0	0.00
NEXTERA ENERGY	P	5033	P	SMITH CT	-	1000	\$ -	0	0.00
CONOCO PHILLIPS	P	5015	P	SMITH CT	20,000.00	1000	\$ 57,000.00	285	0.00
VITOL	P	5034	P	SMITH CT	-	1000	\$ -	0	0.00
TOTAL NATURAL GAS SMITH STATION				SMITH CT	185,500.00		577,790.00		

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EAST KENTUCKY POWER COOPERATIVE

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Format 2

FUEL & SUPPLIER (A)	P B D U (B)	P O C N (C)	M T (D)	STATION NAME (E)	GAL. OR CU. FT. PURCHASED (F)	BTU PER UNIT (G)	DELIVERED COST (H)	¢ PER MMBTU (I)	% SQ (J)
NATURAL GAS SUPPLIER:									
TGT CASHOUT	P	5995	P	BLUEGRASS CT	-	1000	\$ -	0	0.00
TGT-PIPELINE CHGS	P	5996	P	BLUEGRASS CT	-	1000	\$ 4,609.69	0	0.00
ECO ENERGY	P	5998	P	BLUEGRASS CT	-	1000	\$ -	0	0.00
TENASKA MARKETING	P	5999	P	BLUEGRASS CT	33.00	1000	\$ 96.36	292	0.00
NJR ENERGY	P	5997	P	BLUEGRASS CT	-	1000	\$ -	0	0.00
SEQUENT	P	5994	P	BLUEGRASS CT	-	1000	\$ -	0	0.00
NRG BUSINESS MARKETING	P	5993	P	BLUEGRASS CT	-	1000	\$ -	0	0.00
NEXTERA ENERGY	P	5033	P	BLUEGRASS CT	3,649.00	1000	\$ 10,217.20	280	0.00
UNITED ENERGY TRADING	P	5032	P	BLUEGRASS CT	-	1000	\$ -	0	0.00
TOTAL NATURAL GAS BLUEGRASS STATION				BLUEGRASS CT	3,682.00		14,923.25		

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EAST KENTUCKY POWER COOPERATIVE

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Format 2

FUEL & SUPPLIER (A)	P B D U (B)	P O C N (C)	M T (D)	STATION NAME (E)	GAL. OR CU. FT. PURCHASED (F)	BTU PER UNIT (G)	DELIVERED COST (H)	¢ PER MMBTU (I)	% SO (J)
TDF SUPPLIER:									
LIBERTY TIRE RECYCLING	D	43644	T	SPURLOCK	223.85	14484	\$ 10,377.68	108.7	0.00
TOTAL TDF				SPURLOCK	223.85		10,377.68		

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East Kentucky Power Cooperative  
P. O. Box 707  
Winchester, Kentucky 40392-0707

Rates 0.969  
Btu 12000  
Mmbtu 1,000,000

Detail Charges  
December 31, 2024

Due To: Bavarian Waste Services  
12764 McCoy Fork Rd  
Walton, Kentucky 41094

Vendor ID 15399

GC  
MMBTU

---

Amount  
Due

30,557

29,609.73

TOTAL AMOUNT DUE

29,609.73

East Kentucky Power Cooperative  
P. O. Box 707  
Winchester, Kentucky 40392-0707

Rates(Conforming Gas)	0.750
Btu	12000
Mmbtu	1,000,000

Detail Charges  
December 31, 2024

Due To: Green Valley Landfill  
P O Box 932899  
Cleveland, OH 44193

Vendor ID 15493

Phone - 800-844-3512

---

GC  
MMBTU

Amount  
Due

19,443

14,582.25

TOTAL AMOUNT DUE

14,582.25



East Kentucky Power Cooperative  
P. O. Box 707  
Winchester, Kentucky 40392-0707

Rates	0.750
BTU	12000
MMBTU	1,000,000

Detail Charges  
December 31, 2024

Due To: Rumpke  
P. O. Box 538710  
Cincinnati, Ohio 45253  
Cust # 4100177647

Vendor ID 11558

Pendleton County Landfill

GC  
MMBTU

---

Amount  
Due

Methane Gas

26,278

19,708.50

TOTAL AMOUNT DUE

\$ 19,708.50

East Kentucky Power Cooperative  
P. O. Box 707  
Winchester, Kentucky 40392-0707

Rates 0.390  
BTU 12000  
MMBTU 1,000,000

Detail Charges  
December 31, 2024

Republic Services  
Pearl Hollow Landfill - 3067  
P O Box 677839  
Dallas, TX 75267

V# 15754

Payment: Republic Services, Inc.  
Kentucky Landfill Division  
2150 S. Dixie Hwy  
Elizabethtown, Ky 42701  
Phone: 270-234-9278

GC  
MMBTU

---

Amount  
Due

471

183.69

TOTAL AMOUNT DUE

183.69

POWER TRANSACTION SCHEDULE  
(DETAIL CREDIT - PER CASE NO. 2000-00496-B)

Purchase Power Calculation for FAC for: December 2024  
Prepared By: Teresa Guile  
Data Source - PJM MSRS Sales/Purchases Report

1/17/25

Hour Ending	Interface	MW	Net Cost	Rate	Total / Hr Purchased	Purchase Power Obligations				Mwh over Max MW	Actual Cost /MWh	Max Cost Allowed /MWh	Excluded Cost per MW	Total Excluded from Fuel
						Mwh Excluded from FAC								
						Sales to Gallatin	Sales to TGP	Other Sales	Total Sales					
12/02/2024 07	PJM	1,181.930	98,490.00	83.330	98,490.00					1,181.930	\$ 83.330	60.820	(22.51)	(26,605)
12/02/2024 08	PJM	1,176.137	167,823.00	142.690	167,823.00					1,176.137	\$ 142.690	60.820	(81.87)	(96,290)
12/02/2024 09	PJM	1,039.070	68,922.00	66.330	68,922.00					1,039.070	\$ 66.330	60.820	(5.51)	(5,725)
12/02/2024 17	PJM	788.594	54,981.00	69.720	54,981.00					788.594	\$ 69.720	60.820	(8.90)	(7,018)
12/02/2024 18	PJM	841.589	79,480.00	94.440	79,480.00					841.589	\$ 94.440	60.820	(33.62)	(28,294)
12/02/2024 19	PJM	914.844	72,556.00	79.310	72,556.00					914.844	\$ 79.310	60.820	(18.49)	(16,915)
12/02/2024 20	PJM	888.776	71,404.00	80.340	71,404.00					888.776	\$ 80.340	60.820	(19.52)	(17,349)
12/02/2024 21	PJM	944.860	74,861.00	79.230	74,861.00					944.860	\$ 79.230	60.820	(18.41)	(17,395)
12/02/2024 22	PJM	994.393	75,375.00	75.800	75,375.00					994.393	\$ 75.800	60.820	(14.98)	(14,896)
12/02/2024 23	PJM	998.437	70,540.00	70.650	70,540.00					998.437	\$ 70.650	60.820	(9.83)	(9,815)
12/02/2024 24	PJM	1,054.124	85,669.00	81.270	85,669.00					1,054.124	\$ 81.270	60.820	(20.45)	(21,557)
12/03/2024 07	PJM	988.551	81,872.00	82.820	81,872.00					988.551	\$ 82.820	60.820	(22.00)	(21,748)
12/03/2024 08	PJM	988.841	109,564.00	110.800	109,564.00					988.841	\$ 110.800	60.820	(49.98)	(49,422)
12/03/2024 18	PJM	1,091.485	84,830.00	77.720	84,830.00					1,091.485	\$ 77.720	60.820	(16.90)	(18,446)
12/04/2024 07	PJM	332.196	32,100.00	96.630	32,100.00					332.196	\$ 96.630	60.820	(35.81)	(11,896)
12/04/2024 08	PJM	131.855	15,542.00	117.870	15,542.00					131.855	\$ 117.870	60.820	(57.05)	(7,522)
12/05/2024 18	PJM	1,014.036	66,521.00	65.600	66,521.00					1,014.036	\$ 65.600	60.820	(4.78)	(4,847)
12/06/2024 07	PJM	1,778.496	151,421.00	85.140	151,421.00					1,778.496	\$ 85.140	60.820	(24.32)	(43,253)
12/06/2024 08	PJM	1,683.346	271,995.00	161.580	271,995.00					1,683.346	\$ 161.580	60.820	(100.76)	(169,614)
12/06/2024 18	PJM	1,040.051	73,563.00	70.730	73,563.00					1,040.051	\$ 70.730	60.820	(9.91)	(10,307)
12/07/2024 08	PJM	1,321.305	102,309.00	77.430	102,309.00					1,321.305	\$ 77.430	60.820	(16.61)	(21,947)
12/10/2024 18	PJM	512.569	47,182.00	92.050	47,182.00					512.569	\$ 92.050	60.820	(31.23)	(16,008)
12/12/2024 08	PJM	1,024.824	77,528.00	75.650	77,528.00					1,024.824	\$ 75.650	60.820	(14.83)	(15,198)
12/12/2024 21	PJM	471.483	28,878.00	61.250	28,878.00					471.483	\$ 61.250	60.820	(0.43)	(203)
12/13/2024 08	PJM	511.715	44,985.00	87.910	44,985.00					511.715	\$ 87.910	60.820	(27.09)	(13,862)
12/17/2024 22	PJM	8.943	1,056.00	118.090	1,056.00					8.943	\$ 118.090	60.820	(57.27)	(512)
12/21/2024 18	PJM	230.646	14,185.00	61.500	14,185.00					230.646	\$ 61.500	60.820	(0.68)	(157)
12/22/2024 18	PJM	163.803	12,950.00	79.060	12,950.00					163.803	\$ 79.060	60.820	(18.24)	(2,988)
12/22/2024 19	PJM	302.370	22,040.00	72.890	22,040.00					302.370	\$ 72.890	60.820	(12.07)	(3,650)
12/22/2024 20	PJM	324.649	21,807.00	67.170	21,807.00					324.649	\$ 67.170	60.820	(6.35)	(2,062)
12/22/2024 21	PJM	390.851	25,804.00	66.020	25,804.00					390.851	\$ 66.020	60.820	(5.20)	(2,032)
12/22/2024 22	PJM	525.004	31,962.00	60.880	31,962.00					525.004	\$ 60.880	60.820	(0.06)	(32)
12/23/2024 07	PJM	604.965	47,962.00	79.280	47,962.00					604.965	\$ 79.280	60.820	(18.46)	(11,168)
12/23/2024 08	PJM	496.673	51,748.00	104.190	51,748.00					496.673	\$ 104.190	60.820	(43.37)	(21,541)
12/23/2024 09	PJM	481.944	29,972.00	62.190	29,972.00					481.944	\$ 62.190	60.820	(1.37)	(660)
12/23/2024 19	PJM	75.578	4,875.00	64.500	4,875.00					75.578	\$ 64.500	60.820	(3.68)	(278)
12/27/2024 19	PJM	34.059	2,310.00	67.820	2,310.00					34.059	\$ 67.820	60.820	(7.00)	(238)
		27,352.991			2,375,062.000					27,352.991				(711,450.000)

60.82 Max allowable fuel cost to pass through on the FAC for Current Month

Cooper 1	
Heat Rate:	11,267
Average Cost Fuel for Month:	
Coal:	5.398

Company: **East Kentucky Power Cooperative**

**FUEL INVENTORY SCHEDULE**

Plant: **COOPER STATION**

Month Ended: **December 2024**

Fuel: **COAL**

	( Units ) <u>Tons</u>	<u>Amount</u>	<b>Amount Per Unit</b>
Beginning Inventory	149,277.20	\$ 18,775,530.27	\$125.78
Purchases	5,241.35	493,641.92	\$94.18
Adjustments (1)	0.00	0.00	\$0.00
Subtotal	154,518.55	19,269,172.19	\$124.70
Less Fuel Used Unit #1	11,892.50	1,482,994.75	\$124.70
Less Fuel Used Unit #2	29,002.00	3,616,549.40	\$124.70
<b>Total Burn</b>	<b>40,894.50</b>	<b>5,099,544.15</b>	<b>\$124.70</b>
Phy Inv Adj	0.00	0.00	\$0.00
<b>Ending Inventory</b>	<b>113,624.05</b>	<b>\$ 14,169,628.04</b>	<b>\$124.71</b>

(1) Explain any adjustments fully. Use additional sheets if necessary.

Company: **East Kentucky Power Cooperative**

**FUEL INVENTORY SCHEDULE**

Plant: **COOPER STATION**

Month Ended: **December 2024**

Fuel: **OIL**

	<u>( Units )</u> <u>Gallons</u>	<u>Amount</u>	<u>Amount</u> <u>Per</u> <u>Unit</u>
Beginning Inventory	16,325.00	\$ 42,578.31	\$2.6082
Purchases	30,042.00	68,835.81	\$2.2913
Subtotal	46,367.00	111,414.12	\$2.4029
Less Fuel Used - Non Gen	0.00	0.00	\$0.0000
Less Fuel Used - Gen	21,765.00	52,299.12	\$2.4029
<b>Total Burn</b>	<b>21,765.00</b>	<b>52,299.12</b>	<b>\$2.4029</b>
Adjustments (1)	0.00	0.00	\$0.0000
<b>Ending Inventory</b>	<b>24,602.00</b>	<b>\$ 59,115.00</b>	<b>\$2.4029</b>

(1) Explain any adjustments fully. Use additional sheets if necessary

Company: **East Kentucky Power Cooperative**

**FUEL INVENTORY SCHEDULE**

Plant: **SPURLOCK STATION #1, #2, #3, and #4**

Month Ended: **December 2024**

Fuel: **OIL**

	<b>( Units )</b> <b><u>Gallons</u></b>		<b><u>Amount</u></b>	<b>Amount</b> <b>Per</b> <b><u>Unit</u></b>
Beginning Inventory	296,960.00	\$	763,024.35	\$2.5695
Purchases	120,542.00		303,986.49	\$2.5218
Subtotal	417,502.00		1,067,010.84	\$2.5557
Less Fuel Used	126,110.00		322,299.33	\$2.5557
Adjustments (1)	0.00		0.00	\$0.0000
<b>Ending Inventory</b>	<b>291,392.00</b>	<b>\$</b>	<b>744,711.51</b>	<b>\$2.5557</b>

(1) Explain any adjustments fully. Use additional sheets if necessary

Company: **East Kentucky Power Cooperative**

**FUEL INVENTORY SCHEDULE**

Plant: **CFB - GILBERT #3 TDF**

Month Ended: **December 2024**

Fuel: **TDF**

	( Units ) <u>Tons</u>	<u>Amount</u>	<b>Amount Per Unit</b>
Beginning Inventory	0.00	\$ -	\$0.00
Purchases	223.85	10,377.68	\$46.36
Adjustments (1)	0.00	0.00	\$0.00
Subtotal	223.85	10,377.68	\$46.36
Less Fuel Used #3	233.00	10,801.88	\$46.36
Less Fuel Used #4	0.00	0.00	\$0.00
<b>Total Burn</b>	<u>233.00</u>	<u>10,801.88</u>	<b>\$46.36</b>
Phy Inv Adj	9.15	424.20	\$46.36
<b>Ending Inventory</b>	<b>0.00</b>	<b>\$ 0.00</b>	<b>\$0.00</b>

(1) Explain any adjustments fully. Use additional sheets if necessary.

Company: **East Kentucky Power Cooperative**

**FUEL INVENTORY SCHEDULE**

Plant: **SCRUBBER COAL**

Month Ended: **December 2024**

Fuel: **COAL**

	( Units ) <u>Tons</u>	<u>Amount</u>	<b>Amount Per Unit</b>
Beginning Inventory	465,110.45	\$ 33,383,505.48	\$71.78
Purchases	145,716.06	9,085,561.17	\$62.35
Adjustments (1)	0.00	0.00	\$0.00
Adjustments (1)	0.00	0.00	\$0.00
Adjustments (2)	0.00	124,855.50	\$0.00
Adjustments (3)	0.00	0.00	\$0.00
Adjustments (4)	0.00	0.00	\$0.00
Subtotal	610,826.51	42,593,922.15	\$69.73
Less Fuel Used #1	93,912.00	6,548,483.76	\$69.73
Less Fuel Used #2	96,422.00	6,723,506.06	\$69.73
<b>Total Burn</b>	<b>190,334.00</b>	<b>13,271,989.82</b>	<b>\$69.73</b>
Phy Inv Adj	(47,752.36)	(3,584,769.67)	\$75.07
<b>Ending Inventory</b>	<b>372,740.15</b>	<b>\$ 25,737,162.66</b>	<b>\$69.05</b>
(1) Interplant Transfers	\$0.00		
(2) Fuel Solvent	\$124,855.50		
(3) Government Impositions	\$0.00		
(4) Other Transportation Charges	\$0.00		



Company: **East Kentucky Power Cooperative**

**FUEL INVENTORY SCHEDULE**

Plant: **GILBERT #3 & SPUR #4 STATION-CFB -**

Month Ended: **December 2024**

Fuel: **COAL**

	( Units ) <u>Tons</u>	<u>Amount</u>	<b>Amount Per Unit</b>
Beginning Inventory	412,642.25	\$ 27,482,254.85	\$66.60
Purchases	56,245.94	3,622,829.11	\$64.41
Adjustments (1)	0.00	0.00	\$0.00
Adjustments (1)	0.00	0.00	\$0.00
Adjustments (2)	0.00	0.00	\$0.00
Adjustments (3)	0.00	0.00	\$0.00
Adjustments (4)	0.00	0.00	\$0.00
Subtotal	468,888.19	31,105,083.96	\$66.34
Less Fuel Used #3	88,819.00	5,892,252.46	\$66.34
Less Fuel Used Sp#4	88,698.00	5,884,225.32	\$66.34
<b>Total Burn</b>	<b><u>177,517.00</u></b>	<b><u>11,776,477.78</u></b>	<b>\$66.34</b>
Phy Inv Adj	44,318.30	3,030,485.35	\$68.38
<b>Ending Inventory</b>	<b>335,689.49</b>	<b>\$ 22,359,091.53</b>	<b>\$66.61</b>
(1) Interplant Transfers	\$0.00		
(2) Government Impositions	\$0.00		
(3) Other Transportation Charges	\$0.00		
(4) Transfers In From Off-Site Storage Facility	\$0.00		

Company: **East Kentucky Power Cooperative**

**FUEL INVENTORY SCHEDULE**

Plant: **SMITH GENERATING FACILITY**

Month Ended: **December 2024**

Fuel: **OIL**

	<u>( Units )</u> <u>Gallons</u>	<u>Amount</u>	<u>Amount</u> <u>Per</u> <u>Unit</u>
Beginning Inventory	3,534,611.00	\$ 8,391,431.89	\$2.3741
Purchases	0.00	\$0.00	\$0.0000
Subtotal	3,534,611.00	8,391,431.89	\$2.3741
Less Fuel Used - Non Gen	153.00	363.24	\$2.3741
Less Fuel Used - Gen	43,024.00	102,143.28	\$2.3741
<b>Total Burn</b>	<b>43,177.00</b>	<b>102,506.52</b>	<b>\$2.3741</b>
Adjustments (1)	0.00	\$0.00	\$0.0000
<b>Ending Inventory</b>	<b>3,491,434.00</b>	<b>\$ 8,288,925.37</b>	<b>\$2.3741</b>

(1) Phy Inv Adj

Company: **East Kentucky Power Cooperative**

**FUEL INVENTORY SCHEDULE**

Plant: **BLUEGRASS GENERATING FACILITY**

Month Ended: **December 2024**

Fuel: **OIL**

	<u>( Units )</u> <u>Gallons</u>		<u>Amount</u>	<u>Amount</u> <u>Per</u> <u>Unit</u>
Beginning Inventory	1,425,224.00	\$	3,945,648.63	\$2.7684
Purchases	775,844.00		2,147,633.73	\$2.7681
Subtotal	2,201,068.00		6,093,282.36	\$2.7683
Less Fuel Used - Non Gen	29.00		80.28	\$2.7683
Less Fuel Used - Gen	0.00		0.00	\$0.0000
<b>Total Burn</b>	<u>29.00</u>		<u>80.28</u>	<b>\$2.7683</b>
Adjustments (1)	0.00		0.00	\$0.0000
<b>Ending Inventory</b>	<b>2,201,039.00</b>	<b>\$</b>	<b>6,093,202.08</b>	<b>\$2.7683</b>

(1) Phy Inv Adj

**PJM DAY AHEAD AND BALANCING**

**PJM Charge Code**

**Amount**

**DECEMBER 2024**

1210	(59,032.76)	DA Transmission Congestion
1215	5,833.21	Balancing Transmission Congestion
1218	-	Planning Period Congestion Uplift
1220	(175,685.87)	DA Transmission Losses
1225	57,284.71	Balancing Transmission Losses
1230	(8,238.47)	Inadvertent Interchange
1250	5,456.35	Meter Error Correction
1260	-	Emergency Energy
1370	181,351.91	Day-ahead Operating Reserve
1375	99,519.44	Balancing Operating Reserve
1420	(9.59)	Load Recon for Trans Losses
2210	-	Transmission Congestion Credit (Replaced by 2211 & 2215)
2211	19,322.24	DA Transmission Congestion Credit
2215	681,120.56	Balancing Transmission Congestion Credit
2217	-	Planning Period Excess Congestion Credit
2218	-	Planning Period Congestion Uplift
2220	(724,348.91)	Transmission Losses Credit
2260	-	Emergency Energy Credit
2370	(464,945.81)	Day-ahead Operating Reserve Credit
2375	(168,718.93)	Balancing Operating Reserve Credit
2420	3.49	Load Recon for Trans Losses Credit

**(551,088.43) Total PJM Balancing**