



**KENTUCKY  
POWER**

A unit of American Electric Power

HAND DELIVERED

July 16, 2014

Jeff R. Derouen, Executive Director  
Kentucky Public Service Commission  
211 Sower Blvd.  
P. O. Box 615  
Frankfort, Kentucky 40602-0615

**Attention: Chris Whelan**

RE: THE STANDARD FUEL ADJUSTMENT CLAUSE BACKUP FILING

Dear Ms. Whelan:

In compliance with the Commission's Order dated November 25, 1981 in Case No. 8058-A, Kentucky Power is forwarding herewith for the month of May 2014 the required backup information for the fuel adjustment clause applied to customers' bills in the month of July 2014.

In accordance with the Commission's letter dated June 13, 2014, fuel contracts will be filed electronically.

1. Fuel Inventory Schedule – Coal
2. Fuel Inventory Schedule – Oil
3. Fuel Purchase Schedule – Coal
4. Fuel Purchase Schedule – Oil
5. Power Transaction Schedule
6. Unit Performance Data

Should you have any questions, please call me at (502) 696-7010.

Sincerely,

John A. Rogness III  
Director, Regulatory Services

Attachment

RECEIVED

JUL 16 2014

PUBLIC SERVICE  
COMMISSION

KENTUCKY POWER COMPANY  
BIG SANDY PLANT  
MAY 2014

COAL INVENTORY SCHEDULE

		<u>Tons</u>	<u>Amount</u>	<u>Per Unit</u>
Beginning Inventory		304,510.32	\$22,311,754.31	\$73.2709
Purchases		126,350.60	\$9,210,127.03	\$72.8934
Adjustments	1	0.00	\$0.00	\$0.0000
Sub-Total		430,860.92	\$31,521,881.34	\$73.1602
Less Coal Burned	2	162,000.00	\$11,851,956.25	\$73.1602
Ending Inventory		268,860.92	\$19,669,925.09	\$73.1602

1 Coal Pile Survey Adjustment

2 Includes 0 tons and \$0 of fuel used in power conversion transaction.

KENTUCKY POWER COMPANY  
 BIG SANDY PLANT  
 MAY 2014

OIL INVENTORY SCHEDULE

	<u>Gallons</u>	<u>Amount</u>	<u>Per Unit</u>
Beginning Inventory	336,243.00	\$ 1,057,071.15	\$3.1438
Purchases	74,569.00	\$ 227,330.60	\$3.0486
Adjustments	0.00	0.00	\$0.0000
Sub-Total	410,812.00	\$ 1,284,401.75	\$3.1265
Less Disposed			
Generation	160,615.30	\$ 502,162.97	\$3.1265
Chemical Cleaning/Other	0.00	0.00	\$0.0000
Ending Inventory	<u>250,196.70</u>	<u>\$ 782,238.78</u>	<u>\$3.1265</u>

Explain any adjustments fully. Use additional sheets if necessary.

Includes 0 tons and \$0 of fuel used in power conversion transaction.

KENTUCKY POWER COMPANY  
 MITCHELL PLANT - KPCO SHARE  
 MAY 2014

COAL INVENTORY SCHEDULE

		<u>Tons</u>	<u>Amount</u>	<u>Per Unit</u>
Beginning Inventory		197,319.49	\$12,767,883.71	\$64.7067
Purchases		71,280.95	\$4,318,020.36	\$60.5775
Adjustments	1	0.00	\$0.00	\$0.0000
Sub-Total		268,600.44	\$17,085,904.07	\$63.6109
Less Coal Burned	2	122,226.68	\$7,787,007.65	\$63.7096
Ending Inventory		146,373.76	\$9,298,896.42	\$63.5284

1 Coal Pile Survey Adjustment

2 Includes 0 tons and \$0 of fuel used in power conversion transaction.

**KENTUCKY POWER COMPANY  
 MITCHELL PLANT - KPCO SHARE  
 MAY 2014**

**OIL INVENTORY SCHEDULE**

	<u>Gallons</u>		<u>Amount</u>	<u>Per Unit</u>
Beginning Inventory	413,680.50	\$	1,370,280.12	\$3.3124
Purchases	134,270.86	\$	442,961.05	\$3.2990
Adjustments	0.00		0.00	\$0.0000
Sub-Total	547,951.36	\$	1,813,241.17	\$3.3091
Less Disposed				
Generation	48,789.37	\$	161,450.28	\$3.3091
Chemical Cleaning/Other	149.49		494.68	\$3.3091
Ending Inventory	499,012.50	\$	1,651,296.21	\$3.3091

Explain any adjustments fully. Use additional sheets if necessary.

Includes 0 tons and \$0 of fuel used in power conversion transaction.

KENTUCKY POWER COMPANY																
ANALYSIS OF COAL PURCHASES																
MAY 2014																
Station and Supplier (a)	P O C N (b)	I S T (d)	S T (e)	District (f)	Tons Purchased (g)	BTU Per LB. (h)	No. MMBTU Per Ton (i)	FOB Mine		Trans Cost		Delivered Cost		Ash (q)	HO2 (r)	
								Price Per Ton (j)	Cents Per MMBTU (k)	Per Ton (l)	Cents Per MMBTU (m)	Per Ton (n)	Cents Per MMBTU (o)			% SO2 (p)
Ohio Valley Resources	P 07-77-05-9000VRI A T	KY	08	08	60,132.76	12,621	25.24	58.06	230.03	0.02	0.08	58.08	230.11	4.05	9.04	6.89
Maple	P 07-00-13-003 A R	KY	08	08	775.70	12,983	25.97	73.87	284.44	16.41	63.19	90.28	347.83	0.67	10.78	4.26
EDFTRADING	P 03-00-14-001 B R	KY	08	08	(1,440.83)	11,917	23.83	59.22	248.51	-2.14	-8.98	57.08	239.53	0.90	11.30	7.88
EDFTRADING	P 03-00-14-002 A R	KY	08	08	2,515.50	11,917	23.83	59.86	251.20	4.11	17.25	63.97	268.44	0.90	11.30	7.88
EDFTRADING	P 03-00-14-013 A T	KY	08	08	9,297.82	11,918	23.84	61.06	256.12	10.92	45.81	71.98	301.93	0.86	12.66	7.18
Rhino Energy, LLC	P 03-30-10-900 A T	KY	08	08	21,732.00	11,954	23.91	78.41	327.94	0.00	0	78.41	327.94	0.81	11.06	7.36
Southern Coal Sales Corp	P 03-30-12-900 A T	KY	08	08	47,460.82	12,344	24.59	76.51	308.88	0.00	0	76.51	309.88	0.9	12.64	5.69
S.M.&J.	P 03-30-14-002 A R	KY	08	08	10,660.00	12,127	24.25	67.79	279.55	0.00	0	67.79	279.55	0.89	8.58	8.62
Alpha Coal Sales	P 03-30-14-003 A R	KY	08	08	15,963.21	11,862	23.72	71.1	299.75	0.00	0	71.1	299.75	0.94	11.14	8.36
Beech Fork Processing	P 03-30-14-001 A T	KY	08	08	30,534.57	12,118	24.24	66.06	272.52	0.00	0.00	66.06	272.52	1.01	8.78	8.49
<b>TOTAL KENTUCKY POWER</b>																
<b>TOTAL SYSTEM WEIGHTED AVERAGE</b>					197,631.55	12,280	24.56	67.76	275.90	0.65	2.65	68.41	278.54	1.87	10.42	7.12



KENTUCKY POWER COMPANY																		
ANALYSIS OF COAL PURCHASES																		
MAY 2014																		
Station and Supplier (a)	P O C N (b)	M I S T (c)	District (d)	State (e)	County (f)	Tons Purchased (g)	BTU Per LB. (h)	No. MMBTU Per Ton (i)	Price Per Ton (j)	FOB Mine		Trans Cost		Delivered Cost				
										Cents Per MMBTU (k)	Per Ton (l)	Cents Per MMBTU (m)	Per Ton (n)	Cents Per MMBTU (o)	Per Ton (p)	% SO <sub>2</sub> (q)	% HO <sub>2</sub> (r)	
<b>MITCHELL PLANT</b>																		
<b>Long Term Contracts:</b>																		
Ohio Valley Resources	P	07-77-05-9000VRI	A	T	KY	08	133,955.80	12,621	25.24	58.06	230.03	0.02	0.08	58.08	230.11	4.05	9.04	6.89
Station Weighted Average							133,955.80	12,621	25.24	58.06	230.03	0.02	0.08	58.08	230.11	4.05	9.04	6.89
<b>Spot Market:</b>																		
Maple	P	07-00-13-003	A	R	KY	08	1,728.00	12,983	25.97	73.87	284.44	16.41	63.19	90.28	347.63	0.67	10.78	4.26
EDFTRADING	P	03-00-14-001	B	R	KY	08	(3,209.70)	11,917	23.83	59.22	248.51	-2.14	-8.88	57.08	239.53	0.9	11.3	7.88
EDFTRADING	P	03-00-14-002	A	R	KY	08	5,603.70	11,917	23.83	59.86	251.2	4.11	17.25	68.97	268.44	0.9	11.3	7.88
EDFTRADING	P	03-00-14-013	A	T	KY	08	20,716.75	11,918	23.84	61.06	286.12	10.92	45.81	71.98	301.93	0.86	12.66	7.18
Station Weighted Average							24,838.75	11,992	23.98	61.86	287.96	12.86	53.63	74.72	311.59	0.85	12.40	7.04
<b>TOTAL STATION WEIGHTED AVERAGE</b>																		
							158,794.55	12,519	25.04	59.66	234.27	2.24	8.95	60.90	243.21	3.53	9.59	6.91

ANALYSIS OF OIL PURCHASES													
Supplier (a)	B D U (b)	O C N (c)	M I S T (d)	Station Name (e)	Gal or Cu. Ft. Purchased (f)	BTU per Unit (g)	Delivered Cost Per Gal. (h)	Cents Per MMBTU (i)	% SO <sub>2</sub> (j)				
										Petroleum Traders	D	406288	T
<b>MITCHELL PLANT - KENTUCKY POWER SHARE OF PURCHASES</b>													
Kentucky Power Share of Coal Receipts					71,280.86								
Mitchell Total Coal Receipts					158,794.55								
Mitchell - Kentucky Power Coal Receipts Ratio					44.89%								
<b>Ohio Valley Resources</b>													
Maple	P	07-77-05-9000VRI	A	T	KY	08	60,132.76	Long Term Contract					
EDFTRADING	P	07-00-13-003	A	R	KY	08	775.70	Spot					
EDFTRADING	P	03-00-14-001	B	R	KY	08	(1,440.83)	Spot					
EDFTRADING	P	03-00-14-002	A	R	KY	08	2,615.50	Spot					
EDFTRADING	P	03-00-14-013	A	T	KY	08	9,297.82	Spot					
Total					71,280.86								
<b>Kentucky Power Share of Oil Receipts</b>													
Mitchell Total Oil Receipts					134,270.86								
Mitchell - Kentucky Power Oil Receipts Ratio					48.86%								
Petroleum Traders	D	406288	T		134,270.86								



**KENTUCKY POWER COMPANY  
POWER TRANSACTION SCHEDULE  
May 2014**

TRANSACTION TYPES \*

SPOT MARKET ENERGY - DA	PJM MARKET SPOT ENERGY - DAY AHEAD
SPOT MARKET ENERGY - BAL	PJM MARKET SPOT ENERGY - BALANCING

\* Due to voluminous transactions, they are aggregated by type rather than by interconnected utility.

PURCHASES

BILLING COMPONENTS

TRANSACTION TYPE	MWH	FUEL CHARGE	DEMAND	OTHER CHARGES	TOTAL CHARGES
		(\$)	(\$)	(\$)	(\$)
SPOT MARKET ENERGY - BAL	66,272	3,625,286.49	0.00	0.00	3,625,286.49
SPOT MARKET ENERGY - DA	8,582	333,186.99	0.00	0.00	333,186.99
Subtotal:	74,854 <sup>(1)</sup>	3,958,473.48	0.00	0.00	3,958,473.48
ROCKPORT LEASE	137,998	3,642,665.23	0.00	0.00	3,642,665.23
INTERRUPTIBLE BUY/THROUGH	0	0.00	0.00	0.00	0.00
BOOKOUTS/OPTIONS	22,742	0.00	0.00	1,043,390.39	1,043,390.39
TOTALS:	235,594	7,601,138.71	0.00	1,043,390.39	8,644,529.10

<sup>(1)</sup> SME PURCHASES - ALLOCATED TO SYSTEM SALES:  
SME PURCHASES - ALLOCATED TO INTERNAL CUSTOMERS:  
ROCKPORT PURCHASES - ALLOCATED TO SYSTEM SALES:  
ROCKPORT PURCHASES - ALLOCATED TO INTERNAL CUSTOMERS:

<u>MWH</u>	<u>Total Energy Charges</u>
60,928	3,361,473.58
13,926	596,999.90
57,803	1,390,124.52
80,195	2,252,540.71
<u>212,852</u>	<u>7,601,138.71</u>
0	0.00
<u>212,852</u>	<u>7,601,138.71</u>

LESS: PJM IMPLICIT CONGESTION INCLUDED IN THE INTERNAL CUSTOMER'S FIGURE:  
NET INCLUDABLE ENERGY CHARGES:

KENTUCKY POWER COMPANY  
 POWER TRANSACTION SCHEDULE  
 MONTH ENDED: MAY 2014

SALES TRANSACTION TYPE	KPCO DELIVERED MWH	BILLING COMPONENTS					TOTAL CHARGES (\$)
		SUPPLIED BY KPCO SOURCES		FUEL CHARGE (\$)	DEMAND (\$)	OTHER CHARGES (\$)	
		MWH					
SPOT MARKET ENERGY - BAL	39,100	39,100	898,465	0	562,535	1,460,999	
SPOT MARKET ENERGY - DA	361,921	361,921	10,258,002	0	5,763,828	16,021,830	
	401,021	401,021	11,156,466.81 <sup>(1)</sup>	0.00	6,326,362.28	17,482,829.09	
PRIOR PERIOD ADJUSTMENT	0	0	0.00	0.00	0.00		
INTERRUPTIBLE BUY/THROUGH	0	0	0.00	0.00	0.00	0.00	
BOOKOUTS/OPTIONS:	33,122	0	0.00	0.00	1,765,554.22	1,765,554.22	
<b>TOTALS:</b>	<b>434,144</b>	<b>401,021</b>	<b>11,156,467</b>	<b>0</b>	<b>8,091,917</b>	<b>19,248,383</b>	
KPCo's other costs incurred, (other than fuel from Account 151):						863,320.50	
AEP energy cost less the actual energy costs incurred by KPCo:						0.00	
Difference (Total AEP energy charges - Total AEP energy costs):						5,463,041.79	
Total (Other Charges):						<u>6,326,362.29</u>	
SUPPLIED BY KPCo SOURCES - FUEL CHARGE (Page 3)						11,156,466.81	
Add: ALLOCATED TO SYSTEM SALES (PAGE 2)						3,361,473.58	
Less: FUEL ALLOCATED TO SYSTEM SALES						3,361,473.58	
INTER-SYSTEM SALES - FUEL COSTS (PAGE 4)						<u>11,156,466.81</u>	

FINAL SCHEDULE MAY 2014 COSTS - ACTUAL

KENTUCKY POWER COMPANY  
 FUEL COST SCHEDULE  
 MONTH ENDED: MAY 2014

(A) COMPANY GENERATION	BIG SANDY (PLANT)	MITCHELL 1 KP	MITCHELL 2 KP	FUEL AMOUNTS (\$)
COAL BURNED	11,851,956.25	3,989,715.96	3,797,291.69	19,638,963.90
OIL BURNED	502,162.97	36,071.86	125,378.42	663,613.25
GAS BURNED				-----
FUEL (JOINTLY OWNED PLANT)				-----
(2) FUEL (ASSIGNED COST DURING F.O.)				0.00
FUEL (SUBSTITUTE FOR F.O.)				-----
<b>SUB-TOTAL</b>				<b>20,302,577.15</b>
<b>(B) PURCHASES</b>				
(1) IDENTIFIABLE FUEL COST - OTHER PURCHASES				3,958,473.48
IDENTIFIABLE FUEL COST - ROCKPORT PURCHASES				3,642,665.23
(2) IDENTIFIABLE FUEL COST (SUBSTITUTE FOR F.O.)				0.00
<b>SUB-TOTAL</b>				<b>7,601,138.71</b>
<b>(C) INTER-SYSTEM SALES</b>				
(1) FUEL COSTS				11,156,466.81
<b>TOTAL FUEL COSTS (A + B - C)</b>				<b>16,747,249.05</b>
F.O. = FORCED OUTAGE				
DETAILS:				
<u>FUEL (ASSIGNED COST DURING F.O.)</u>				
QUANTITY OF SUBSTITUTE ENERGY GIVEN AN ASSIGNED COST (kWh):			0	
AT THE BIG SANDY 1 FUEL RATE (NER) OF:		32.606	MILLS/kWh	0.00
<u>IDENTIFIABLE FUEL COST (SUBSTITUTE FOR F.O.)</u>				
<u>PURCHASES SUBSTITUTED FOR F.O.:</u>				
CASH PURCHASES FROM NON-AFFILIATED COS.	kWh	0.000	MILLS/kWh	0.00
TOTAL PURCHASES (IDENTIFIABLE FUEL COST)				
(SUBSTITUTE FOR F.O.):	kWh	0.000	MILLS/kWh	0.00

(1) INCLUDES TOTAL ENERGY COSTS OF NON-ECONOMY PURCHASES.

(2) Kentucky Power had no forced outages of sufficient duration to institute the substitute energy analysis. Therefore, no purchases were made to cover a deficiency in Kentucky Power generation.

AMERICAN ELECTRIC POWER SERVICE CORPORATION  
 FUEL AND ENERGY SYSTEM PRACTICES  
 KENTUCKY POWER COMPANY

MONTHLY PURCHASE SUMMARY REPORT FOR  
 (Year: 2014 Month: 5 Cycle: Actual) East Purchase Power Report for Book Name: Actual May 2014

NERC Id	Transaction Class	MWH	TOTAL		ALLOCATED		FIRM			
			ENERGY COST	FUEL COST	MWH	ENERGY COST	MWH	ENERGY COST	FUEL COST	
NPC12	HR-NF	-	-	-	-	-	-	-	-	-
OVPS	OVPS	66,272	3,625,286.49	3,625,286.49	58,876	3,285,981.51	7,397	339,304.98	339,304.98	-
PJM	SPOT MARKET ENERGY - BAL	8,582	333,186.99	333,186.99	2,052	75,492.07	6,529	257,694.92	257,694.92	-
PJM	SPOT MARKET ENERGY - DA	74,854	3,958,473.47	3,958,473.47	60,928	3,361,473.57	13,926	596,999.90	596,999.90	-
Total										

## APPENDIX A

### KENTUCKY POWER COMPANY BIG SANDY - TOTAL PLANT MAY 2014

<u>Line No.</u>	<u>Item Description</u>	<u>Unit Performance:</u>	
1.	a. Capacity (name plate rating) (MW)		1,096.8
	b. Capacity (average load) (MW)		751.8
	c. Net Demonstrated Capability (MW)		1,078.0
	d. Net Capability Factor (%)		47.2
2.	<b>Heat Rate:</b>		
	a. Btu's Consumed (MMBTU)		3,745.8
	b. Gross Generation (MWH)		399,768
	c. Net Generation (MWH)		378,896
	d. Heat Rate (L2a divided by L2c) (BTU/KWH)		9,886
3.	<b>Operating Availability:</b>		
	a. Hours Unit Operated		Reported on Unit Basis Only
	b. Hours Available		Reported on Unit Basis Only
	c. Hours During the Period		Reported on Unit Basis Only
	d. Availability Factor (%)		Reported on Unit Basis Only
4.	<b>Cost per KWH:</b>		
	a. Gross Generation - FAC Basis (Cents/KWH)		3.1
	b. Net Generation - FAC Basis (Cents/KWH)		3.3
5.	<b>Inventory Analysis:</b>		
	a. Number of Days Supply based on actual burn at the station		76.9

## APPENDIX A

### KENTUCKY POWER COMPANY BIG SANDY - UNIT 1 MAY 2014

<u>Line No.</u>	<u>Item Description</u>	
1.	Unit Performance:	
	a. Capacity (name plate rating) (MW)	280.5
	b. Capacity (average load) (MW)	119.9
	c. Net Demonstrated Capability (MW)	278.0
	d. Net Capability Factor (%)	31.3
2.	Heat Rate:	
	a. Btu's Consumed (MMBTU)	716.5
	b. Gross Generation (MWH)	68,551
	c. Net Generation (MWH)	64,783
	d. Heat Rate (L2a divided by L2c) (BTU/KWH)	11,060
3.	Operating Availability:	
	a. Hours Unit Operated	540.3
	b. Hours Available	540.3
	c. Hours During the Period	744.0
	d. Availability Factor (L3b divided by L3c) (%)	72.6
4.	Cost per KWH:	
	a. Gross Generation - FAC Basis (Cents/KWH)	Reported on total plant basis only
	b. Net Generation - FAC Basis (Cents/KWH)	Reported on total plant basis only
5.	Inventory Analysis:	
	a. Number of Days Supply based on actual burn at the station	Reported on total plant basis only

## APPENDIX A

### KENTUCKY POWER COMPANY BIG SANDY - UNIT 2 MAY 2014

<u>Line No.</u>	<u>Item Description</u>	
1.	Unit Performance:	
	a. Capacity (name plate rating) (MW)	816.3
	b. Capacity (average load) (MW)	631.9
	c. Net Demonstrated Capability (MW)	800.0
	d. Net Capability Factor (%)	52.8
2.	Heat Rate:	
	a. Btu's Consumed (MMBTU)	3,029.3
	b. Gross Generation (MWH)	331,217
	c. Net Generation (MWH)	314,113
	d. Heat Rate (L2a divided by L2c) (BTU/KWH)	9,644
3.	Operating Availability:	
	a. Hours Unit Operated	497.1
	b. Hours Available	497.1
	c. Hours During the Period	744.0
	d. Availability Factor (L3b divided by L3c) (%)	66.8
4.	Cost per KWH:	
	a. Gross Generation - FAC Basis (Cents/KWH)	Reported on total plant basis only
	b. Net Generation - FAC Basis (Cents/KWH)	Reported on total plant basis only
5.	Inventory Analysis:	
	a. Number of Days Supply based on actual burn at the station	Reported on total plant basis only



## APPENDIX A

### KENTUCKY POWER COMPANY MITCHELL - TOTAL PLANT MAY 2014

<u>Line No.</u>	<u>Item Description</u>		
1.	<b>Unit Performance:</b>		
	a. Capacity (name plate rating) (MW)		1,632.6
	b. Capacity (average load) (MW)		1,296.8
	c. Net Demonstrated Capability (MW)		1,560.0
	d. Net Capability Factor (%)		58.3
2.	<b>Heat Rate:</b>		
	a. Btu's Consumed (MMBTU)		6,419.9
	b. Gross Generation (MWH)		731,300
	c. Net Generation (MWH)		676,232
	d. Heat Rate (L2a divided by L2c) (BTU/KWH)		9,494
3.	<b>Operating Availability:</b>		
	a. Hours Unit Operated		Reported on Unit Basis Only
	b. Hours Available		Reported on Unit Basis Only
	c. Hours During the Period		Reported on Unit Basis Only
	d. Availability Factor (%)		Reported on Unit Basis Only
4.	<b>Cost per KWH:</b>		
	a. Gross Generation - FAC Basis (Cents/KWH)		2.3
	b. Net Generation - FAC Basis (Cents/KWH)		2.5
5.	<b>Inventory Analysis:</b>		
	a. Number of Days Supply based on actual burn at the station		36.6

## APPENDIX A

KENTUCKY POWER COMPANY  
 MITCHELL - UNIT 1  
 MAY 2014

<u>Line No.</u>	<u>Item Description</u>		
1.	Unit Performance:		
	a. Capacity (name plate rating) (MW)		816.3
	b. Capacity (average load) (MW)		661.0
	c. Net Demonstrated Capability (MW)		770.0
	d. Net Capability Factor (%)		58.3
2.	Heat Rate:		
	a. Btu's Consumed (MMBTU)		3,304.7
	b. Gross Generation (MWH)		360,920
	c. Net Generation (MWH)		333,132
	d. Heat Rate (L2a divided by L2c) (BTU/KWH)		9,920
3.	Operating Availability:		
	a. Hours Unit Operated		504.0
	b. Hours Available		504.0
	c. Hours During the Period		744.0
	d. Availability Factor (L3b divided by L3c) (%)		67.7
4.	Cost per KWH:		
	a. Gross Generation - FAC Basis (Cents/KWH)		Reported on total plant basis only
	b. Net Generation - FAC Basis (Cents/KWH)		Reported on total plant basis only
5.	Inventory Analysis:		
	a. Number of Days Supply based on actual burn at the station		Reported on total plant basis only

# APPENDIX A

## KENTUCKY POWER COMPANY MITCHELL - UNIT 2 MAY 2014

<u>Line No.</u>	<u>Item Description</u>	
1.	Unit Performance:	
	a. Capacity (name plate rating) (MW)	816.3
	b. Capacity (average load) (MW)	635.8
	c. Net Demonstrated Capability (MW)	790.0
	d. Net Capability Factor (%)	58.3
2.	Heat Rate:	
	a. Btu's Consumed (MMBTU)	3,115.2
	b. Gross Generation (MWH)	370,380
	c. Net Generation (MWH)	343,100
	d. Heat Rate (L2a divided by L2c) (BTU/KWH)	9,080
3.	Operating Availability:	
	a. Hours Unit Operated	539.6
	b. Hours Available	539.6
	c. Hours During the Period	744.0
	d. Availability Factor (L3b divided by L3c) (%)	72.5
4.	Cost per KWH:	
	a. Gross Generation - FAC Basis (Cents/KWH)	Reported on total plant basis only
	b. Net Generation - FAC Basis (Cents/KWH)	Reported on total plant basis only
5.	Inventory Analysis:	
	a. Number of Days Supply based on actual burn at the station	Reported on total plant basis only