

KENTUCKY POWER COMPANY

January 2014

COAL

NON-AFFILIATED / AFFILIATED*

Station and Supplier	FPO/CONTRACT	Tons Purchased	Total
MITCHELL PLANT			
Ohio Valley Resources	07-77-05-900OVRI	55,212.00	3,173,386.27
Southern Coal Sales Corp	07-00-12-901	24,974.30	1,997,671.20
S.M.& J.	07-00-10-900	21,225.00	1,527,044.30
Patriot Coal	07-00-13-001	9,539.50	662,832.63
Indiana Michigan Co - River Trans. Division*	20131550		163,499.27
TOTAL SYSTEM WEIGHTED AVERAGE		110,950.80	\$ 7,524,433.67
KENTUCKY POWER SHARE		58,360.40	\$ 3,965,660.89

KENTUCKY POWER COMPANY

February 2014

COAL

NON-AFFILIATED / AFFILIATED*

Station and Supplier	FPO/CONTRACT	Tons Purchased	Total
MITCHELL PLANT			
Ohio Valley Resources	07-77-05-900KPCO	140,464.00	8,055,275.97
Southern Coal Sales Corp	07-00-12-901	2,934.00	248,112.22
Maple	07-00-13-003	736.20	100,138.61
Patriot Coal	07-00-13-001	-	4.01
Indiana Michigan Co - River Trans. Division*	20131550		430,854.41
TOTAL SYSTEM WEIGHTED AVERAGE		144,134.20	\$ 8,834,385.22
KENTUCKY POWER SHARE		60,821.42	\$ 3,506,750.63

KENTUCKY POWER COMPANY

March 2014

COAL

NON-AFFILIATED / AFFILIATED*

Station and Supplier	FPO/CONTRACT	Tons Purchased	Total
MITCHELL PLANT			
Ohio Valley Resources	07-77-05-900KPCO	43,320.00	2,468,184.96
Southern Coal Sales Corp	07-00-12-901	30,951.70	2,475,889.59
S.M.& J.	07-00-10-900	2,977.20	203,409.37
Maple	07-00-13-003	19,369.00	1,230,166.69
Peabody COALTRADE	03-00-14-4M1	2,315.70	139,092.61
Patriot Coal	07-00-13-001	25,386.19	1,673,326.33
Mercuria Trading	03-00-14-007	6,012.40	381,620.94
EDFTRADING	03-00-14-001	12,563.30	751,436.96
Indiana Michigan Co - River Trans. Division*	20131550		591,959.96
TOTAL SYSTEM WEIGHTED AVERAGE		142,895.49	\$ 9,915,087.41
KENTUCKY POWER SHARE		71,891.35	\$ 4,988,904.14

KENTUCKY POWER COMPANY

**April 2014
 COAL**

NON-AFFILIATED / AFFILIATED*

Station and Supplier	FPO/CONTRACT	Tons Purchased	Total
MITCHELL PLANT			
Ohio Valley Resources	07-77-05-900KPCO	68,523.20	3,887,098.36
Southern Coal Sales Corp	07-00-12-901	4,856.20	345,577.76
S.M.& J.	07-00-10-900	-	(2,506.65)
EDFTRADING	03-00-14-002	4,817.55	287,261.54
Maple	07-00-13-003	44,230.58	2,412,831.47
Peabody COALTRADE	03-00-14-4M1	6,502.90	378,258.10
Patriot Coal	07-00-13-001	51,536.60	3,296,345.90
Trafigura AG	03-00-14-009	33,154.10	1,852,439.29
Trafigura AG	03-00-14-008	43,250.77	2,493,130.67
Trafigura AG	03-00-14-003	11,533.00	587,048.27
Mercuria Trading	03-00-14-004	15,255.60	972,770.57
Mercuria Trading	03-00-14-007	(6,012.40)	(381,620.94)
RWE Supply	03-00-14-005	14,276.53	811,980.07
Trafigura AG	03-00-14-006	33,803.40	1,894,942.24
EDFTRADING	03-00-14-001	19,918.30	1,174,644.79
Indiana Michigan Co - River Trans. Division*	20131550	-	1,743,403.61
TOTAL SYSTEM WEIGHTED AVERAGE		345,646.33	\$ 21,753,605.05
KENTUCKY POWER SHARE		171,267.00	\$ 10,778,094.71

KENTUCKY POWER COMPANY

May 2014

COAL

NON-AFFILIATED / AFFILIATED*

Station and Supplier	FPO/CONTRACT	Tons Purchased	Total
MITCHELL PLANT			
Ohio Valley Resources	07-77-05-900KPCO	133,955.80	7,777,578.16
EDFTRADING	03-00-14-002	5,603.70	344,937.84
EDFTRADING	03-00-14-013	20,716.75	1,491,183.82
Maple	07-00-13-003	1,728.00	127,641.84
Peabody COALTRADE	03-00-14-4M1	-	0.61
Patriot Coal	07-00-13-001	-	738.93
Trafigura AG	03-00-14-009	-	(0.02)
Trafigura AG	03-00-14-008	-	(624.95)
Trafigura AG	03-00-14-003	-	(1,561.93)
EDFTRADING	03-00-14-001	(3,209.70)	(193,403.86)
Indiana Michigan Co - River Trans. Division*	20131550		123,398.20
TOTAL SYSTEM WEIGHTED AVERAGE		158,794.55	\$ 9,669,888.64
KENTUCKY POWER SHARE		71,280.95	\$ 4,318,020.36

KENTUCKY POWER COMPANY

June 2014

COAL

NON-AFFILIATED / AFFILIATED*

Station and Supplier	FPO/CONTRACT	Tons Purchased	Total
MITCHELL PLANT			
Kentucky Fuel Corporation	03-30-10-902	-	13,349.32
Ohio Valley Resources	07-77-05-900KPCO	105,444.20	6,025,241.62
S.M.& J.	07-00-10-900	-	-
EDFTRADING	03-00-14-002	3,866.90	248,240.08
EDFTRADING	03-00-14-013	-	23,252.24
Maple	07-00-13-003	11,408.20	698,912.38
Peabody COALTRADE	03-00-14-4M1	5,274.90	316,181.36
Patriot Coal	07-00-13-001	26,869.70	1,774,776.81
Patriot	03-00-14-014	26,480.65	1,893,049.09
Trafigura AG	03-00-14-009	1,464.00	88,285.79
Trafigura AG	03-00-14-008	3,255.30	201,535.20
Trafigura AG	03-00-14-003	11,661.00	656,914.67
Mercuria Trading	03-00-14-012	14,784.80	943,317.78
RWE Supply	03-00-14-005	3,043.00	188,772.60
Trafigura AG	03-00-14-006	1,633.50	101,469.00
EDFTRADING	03-00-14-001	27,041.60	1,627,480.84
Indiana Michigan Co - River Trans. Division*	20131550		698,042.85
TOTAL SYSTEM WEIGHTED AVERAGE		242,227.75	\$ 15,498,821.63
KENTUCKY POWER SHARE		117,031.10	\$ 7,493,066.27

KENTUCKY POWER COMPANY

July 2014

COAL

NON-AFFILIATED / AFFILIATED*

Station and Supplier	FPO/CONTRACT	Tons Purchased	Total
MITCHELL PLANT			
Ohio Valley Resources	07-77-05-900KPCO	176,492.40	10,521,054.64
EDFTRADING	03-00-14-002	11,167.00	678,909.13
Trafigura AG	03-00-14-015	10,601.90	635,718.84
Maple	07-00-13-003	29,814.40	1,803,279.27
Peabody COALTRADE	03-00-14-4M1	3,605.70	218,277.08
Koch Carbon	03-00-14-016	6,299.20	379,519.35
Patriot Coal	07-00-13-001	-	(0.01)
Patriot	03-00-14-014	4,799.25	363,511.59
Mercuria Trading	03-00-14-007	17,544.70	1,059,781.40
Trafigura AG	03-00-14-003	22,099.10	1,298,729.00
Mercuria Trading	03-00-14-012	-	(9,890.80)
Trafigura AG	03-00-14-010	12,504.30	784,781.47
EDFTRADING	03-00-14-001	4,503.80	270,491.53
Indiana Michigan Co - River Trans. Division*	20131550		373,713.47
TOTAL SYSTEM WEIGHTED AVERAGE		299,431.75	\$ 18,377,875.96
KENTUCKY POWER SHARE		149,556.66	\$ 9,178,947.06

KENTUCKY POWER COMPANY

August 2014

COAL

NON-AFFILIATED / AFFILIATED*

Station and Supplier	FPO/CONTRACT	Tons Purchased	Total
MITCHELL PLANT			
Ohio Valley Resources	07-77-05-900KPCO	172,735.00	9,894,981.05
Trafigura AG	03-00-14-011	7,927.30	499,317.88
EDFTRADING	03-00-14-002	23,142.80	1,327,242.00
Trafigura AG	03-00-14-015	4,562.20	257,787.90
Maple	07-00-13-003	7,391.70	410,597.73
Peabody COALTRADE	03-00-14-4M1	3,443.90	195,886.13
Koch Carbon	03-00-14-016	17,472.30	1,050,878.30
RWE Supply	03-00-14-017	8,048.70	488,652.83
Patriot Coal	07-00-13-001	29,097.40	1,820,975.33
Patriot	03-00-14-014	-	(1,202.53)
Mercuria Trading	03-00-14-007	48,028.30	2,938,145.01
Trafigura AG	03-00-14-010	11,361.60	705,449.09
Indiana Michigan Co - River Trans. Division*	20131550	-	1,022,074.29
TOTAL SYSTEM WEIGHTED AVERAGE		333,211.20	\$ 20,610,785.01
KENTUCKY POWER SHARE		166,125.65	\$ 10,275,602.12

KENTUCKY POWER COMPANY

September 2014

COAL

NON-AFFILIATED / AFFILIATED*

Station and Supplier	FPO/CONTRACT	Tons Purchased	Total
MITCHELL PLANT			
Ohio Valley Resources	07-77-05-900KPCO	307,788.50	17,750,631.69
Koch Carbon	03-00-14-020	15,833.90	956,042.73
Trafigura AG	03-00-14-011	1,637.10	105,429.44
EDFTRADING	03-00-14-002	17,789.70	1,037,062.73
Trafigura AG	03-00-14-019	7,969.60	467,520.12
Trafigura AG	03-00-14-015	6,309.40	385,745.43
Maple	07-00-13-003	20,328.70	1,247,794.23
Peabody COALTRADE	03-00-14-4M1	8,996.50	533,241.31
Koch Carbon	03-00-14-016	11,793.50	681,681.73
RWE Supply	03-00-14-017	21,427.60	1,312,916.55
Patriot Coal	07-00-13-001	19,431.70	1,276,990.45
Patriot	03-00-14-014	-	(5,106.43)
Mercuria Trading	03-00-14-007	17,102.50	1,037,398.89
Kolmar	03-00-14-022	5,106.30	297,196.46
Trafigura AG	03-00-14-023	7,935.50	483,811.80
Trafigura AG	03-00-14-025	3,575.90	198,106.57
Indiana Michigan Co - River Trans. Division*	20131550	-	1,028,655.91
TOTAL SYSTEM WEIGHTED AVERAGE		473,026.40	\$ 28,795,119.61
KENTUCKY POWER SHARE		235,168.19	\$ 14,314,366.84

Kentucky Power Company - Total Mitchell Plant

Test Year	Sep-13	Oct-13	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	9 mo avg
Number of Days Supply based on actual burn at the station*		N/A			103.7	82.1	50.0	53.8	36.6	29.4	22.6	24.7	35.8	48.7

*Source: APPENDIX A - Total Plant Line 5a

2012-2013	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	13 mo avg
Number of Days Supply based on actual burn at the station*							N/A							-

*Source: APPENDIX A - Total Plant Line 5a

2011-2012	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	13 mo avg
Number of Days Supply based on actual burn at the station*							N/A							-

*Source: APPENDIX A - Total Plant Line 5a

2010-2011	Sep-10	Oct-10	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	13 mo avg
Number of Days Supply based on actual burn at the station*							N/A							-

*Source: APPENDIX A - Total Plant Line 5a

The number of days supply of coal is calculated by dividing the number of tons on hand at the end of a month by the average number of tons consumed at Total Mitchell Plant daily over the most recent 12 months.

APPENDIX A

KENTUCKY POWER COMPANY MITCHELL - TOTAL PLANT SEPTEMBER 2014

<u>Line No.</u>	<u>Item Description</u>	
1.	Unit Performance:	
	a. Capacity (name plate rating) (MW)	1,632.6
	b. Capacity (average load) (MW)	1,242.0
	c. Net Demonstrated Capability (MW)	1,560.0
	d. Net Capability Factor (%)	75.3
2.	Heat Rate:	
	a. Btu's Consumed (MMBTU)	8,897.3
	b. Gross Generation (MWH)	919,669
	c. Net Generation (MWH)	845,250
	d. Heat Rate (L2a divided by L2c) (BTU/KWH)	9,895
3.	Operating Availability:	
	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.	Cost per KWH:	
	a. Gross Generation - FAC Basis (Cents/KWH)	2.5
	b. Net Generation - FAC Basis (Cents/KWH)	2.7
5.	Inventory Analysis:	
	a. Number of Days Supply based on actual burn at the station	35.8

APPENDIX A

KENTUCKY POWER COMPANY MITCHELL - TOTAL PLANT AUGUST 2014

<u>Line No.</u>	<u>Item Description</u>	
1.	Unit Performance:	
	a. Capacity (name plate rating) (MW)	1,632.6
	b. Capacity (average load) (MW)	1,219.1
	c. Net Demonstrated Capability (MW)	1,560.0
	d. Net Capability Factor (%)	65.4
2.	Heat Rate:	
	a. Btu's Consumed (MMBTU)	7,643.1
	b. Gross Generation (MWH)	827,225
	c. Net Generation (MWH)	759,169
	d. Heat Rate (L2a divided by L2c) (BTU/KWH)	10,068
3.	Operating Availability:	
	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.	Cost per KWH:	
	a. Gross Generation - FAC Basis (Cents/KWH)	2.4
	b. Net Generation - FAC Basis (Cents/KWH)	2.6
5.	Inventory Analysis:	
	a. Number of Days Supply based on actual burn at the station	24.7

APPENDIX A

KENTUCKY POWER COMPANY MITCHELL - TOTAL PLANT JULY 2014

<u>Line No.</u>	<u>Item Description</u>	
1.	Unit Performance:	
	a. Capacity (name plate rating) (MW)	1,632.6
	b. Capacity (average load) (MW)	1,221.4
	c. Net Demonstrated Capability (MW)	1,560.0
	d. Net Capability Factor (%)	74.6
2.	Heat Rate:	
	a. Btu's Consumed (MMBTU)	8,478.8
	b. Gross Generation (MWH)	941,780
	c. Net Generation (MWH)	865,881
	d. Heat Rate (L2a divided by L2c) (BTU/KWH)	9,792
3.	Operating Availability:	
	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.	Cost per KWH:	
	a. Gross Generation - FAC Basis (Cents/KWH)	2.3
	b. Net Generation - FAC Basis (Cents/KWH)	2.6
5.	Inventory Analysis:	
	a. Number of Days Supply based on actual burn at the station	22.6

APPENDIX A

KENTUCKY POWER COMPANY MITCHELL - TOTAL PLANT JUNE 2014

<u>Line No.</u>	<u>Item Description</u>	
1.	Unit Performance:	
	a. Capacity (name plate rating) (MW)	1,632.6
	b. Capacity (average load) (MW)	1,231.6
	c. Net Demonstrated Capability (MW)	1,560.0
	d. Net Capability Factor (%)	64.1
2.	Heat Rate:	
	a. Btu's Consumed (MMBTU)	7,177.6
	b. Gross Generation (MWH)	782,078
	c. Net Generation (MWH)	720,222
	d. Heat Rate (L2a divided by L2c) (BTU/KWH)	9,966
3.	Operating Availability:	
	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.	Cost per KWH:	
	a. Gross Generation - FAC Basis (Cents/KWH)	2.4
	b. Net Generation - FAC Basis (Cents/KWH)	2.6
5.	Inventory Analysis:	
	a. Number of Days Supply based on actual burn at the station	29.4

APPENDIX A

KENTUCKY POWER COMPANY MITCHELL - TOTAL PLANT MAY 2014

<u>Line No.</u>	<u>Item Description</u>	
1.	Unit Performance:	
	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.	Heat Rate:	
	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.	Operating Availability:	
	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.	Cost per KWH:	
	a. Gross Generation - FAC Basis (Cents/KWH)	2.3
	b. Net Generation - FAC Basis (Cents/KWH)	2.5
5.	Inventory Analysis:	
	a. Number of Days Supply based on actual burn at the station	36.6

APPENDIX A

KENTUCKY POWER COMPANY MITCHELL - TOTAL PLANT APRIL 2014

<u>Line No.</u>	<u>Item Description</u>	
1.	Unit Performance:	
	a. Capacity (name plate rating) (MW)	1,632.6
	b. Capacity (average load) (MW)	1,293.7
	c. Net Demonstrated Capability (MW)	1,560.0
	d. Net Capability Factor (%)	66.4
2.	Heat Rate:	
	a. Btu's Consumed (MMBTU)	7,249.6
	b. Gross Generation (MWH)	807,393
	c. Net Generation (MWH)	745,902
	d. Heat Rate (L2a divided by L2c) (BTU/KWH)	9,719
3.	Operating Availability:	
	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.	Cost per KWH:	
	a. Gross Generation - FAC Basis (Cents/KWH)	2.4
	b. Net Generation - FAC Basis (Cents/KWH)	2.6
5.	Inventory Analysis:	
	a. Number of Days Supply based on actual burn at the station	53.8

APPENDIX A

KENTUCKY POWER COMPANY MITCHELL - TOTAL PLANT MARCH 2014

<u>Line No.</u>	<u>Item Description</u>	
1.	Unit Performance:	
	a. Capacity (name plate rating) (MW)	1,632.6
	b. Capacity (average load) (MW)	1,341.7
	c. Net Demonstrated Capability (MW)	1,560.0
	d. Net Capability Factor (%)	74.1
2.	Heat Rate:	
	a. Btu's Consumed (MMBTU)	8,188.8
	b. Gross Generation (MWH)	930,106
	c. Net Generation (MWH)	859,384
	d. Heat Rate (L2a divided by L2c) (BTU/KWH)	9,529
3.	Operating Availability:	
	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.	Cost per KWH:	
	a. Gross Generation - FAC Basis (Cents/KWH)	2.5
	b. Net Generation - FAC Basis (Cents/KWH)	2.8
5.	Inventory Analysis:	
	a. Number of Days Supply based on actual burn at the station	50.0

APPENDIX A

KENTUCKY POWER COMPANY MITCHELL - TOTAL PLANT FEBRUARY 2014

<u>Line No.</u>	<u>Item Description</u>	
1.	Unit Performance:	
	a. Capacity (name plate rating) (MW)	1,632.6
	b. Capacity (average load) (MW)	1,266.7
	c. Net Demonstrated Capability (MW)	1,560.0
	d. Net Capability Factor (%)	57.3
2.	Heat Rate:	
	a. Btu's Consumed (MMBTU)	6,649.5
	b. Gross Generation (MWH)	647,155
	c. Net Generation (MWH)	600,780
	d. Heat Rate (L2a divided by L2c) (BTU/KWH)	9,664
3.	Operating Availability:	
	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.	Cost per KWH:	
	a. Gross Generation - FAC Basis (Cents/KWH)	3.2
	b. Net Generation - FAC Basis (Cents/KWH)	3.4
5.	Inventory Analysis:	
	a. Number of Days Supply based on actual burn at the station	82.1

APPENDIX A

KENTUCKY POWER COMPANY MITCHELL - TOTAL PLANT JANUARY 2014

<u>Line No.</u>	<u>Item Description</u>	
1.	Unit Performance:	
	a. Capacity (name plate rating) (MW)	1,632.6
	b. Capacity (average load) (MW)	1,138.5
	c. Net Demonstrated Capability (MW)	1,560.0
	d. Net Capability Factor (%)	60.6
2.	Heat Rate:	
	a. Btu's Consumed (MMBTU)	6,873.7
	b. Gross Generation (MWH)	763,038
	c. Net Generation (MWH)	703,641
	d. Heat Rate (L2a divided by L2c) (BTU/KWH)	9,769
3.	Operating Availability:	
	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.	Cost per KWH:	
	a. Gross Generation - FAC Basis (Cents/KWH)	2.8
	b. Net Generation - FAC Basis (Cents/KWH)	3.0
5.	Inventory Analysis:	
	a. Number of Days Supply based on actual burn at the station	103.7