

KENTUCKY POWER COMPANY
September 2013

NON-AFFILIATED COAL

Station and Supplier	FPO/CONTRACT	Tons Purchased	Total
BIG SANDY PLANT			
Beech Fork Processing	03-30-08-901	7,451.43	\$ 617,832.62
Rhino Energy, LLC	03-30-10-900	20,690.22	\$ 1,691,149.76
Southern Coal Sales Corp	03-30-12-900	10,904.41	\$ 830,949.48
S.M.& J.	03-30-10-901	10,027.72	\$ 797,264.04
Arch Coal Sales Company	03-30-07-901	-	\$ 229,166.67
TOTAL SYSTEM WEIGHTED AVERAGE		49,073.78	\$ 4,166,362.57

KENTUCKY POWER COMPANY

October 2013

NON-AFFILIATED COAL

Station and Supplier	FPO/CONTRACT	Tons Purchased	Total
<u>BIG SANDY PLANT</u>			
Beech Fork Processing	03-30-08-901	8,295.79	\$ 641,112.15
Rhino Energy, LLC	03-30-10-900	21,109.92	\$ 1,652,644.31
Southern Coal Sales Corp	03-30-12-900	12,384.56	\$ 904,374.05
S.M.& J.	03-30-10-901	10,206.75	\$ 802,380.26
Arch Coal Sales Company	03-30-07-901	-	\$ 229,166.67
TOTAL SYSTEM WEIGHTED AVERAGE		51,997.02	\$ 4,229,677.44

KENTUCKY POWER COMPANY

November 2013

NON-AFFILIATED COAL

Station and Supplier	FPO/CONTRACT	Tons Purchased	Total
<u>BIG SANDY PLANT</u>			
Beech Fork Processing	03-30-08-901	15,570.29	\$ 1,215,905.82
Rhino Energy, LLC	03-30-10-900	22,784.91	\$ 1,751,068.97
Southern Coal Sales Corp	03-30-12-900	32,649.45	\$ 2,474,963.29
S.M.& J.	03-30-10-901	15,311.02	\$ 1,207,233.81
Arch Coal Sales Company	03-30-07-901	-	\$ 229,166.66
TOTAL SYSTEM WEIGHTED AVERAGE		86,315.67	\$ 6,878,338.55

KENTUCKY POWER COMPANY

December 2013

NON-AFFILIATED COAL

Station and Supplier	FPO/CONTRACT	Tons Purchased	Total
<u>BIG SANDY PLANT</u>			
Beech Fork Processing	03-30-08-901	13,503.52	\$ 1,086,409.41
Rhino Energy, LLC	03-30-10-900	18,548.37	\$ 1,436,566.80
Southern Coal Sales Corp	03-30-12-900	30,577.56	\$ 2,221,166.29
S.M.& J.	03-30-10-901	19,376.30	\$ 1,502,291.34
Arch Coal Sales Company	03-30-07-901	-	\$ 156,468.88
TOTAL SYSTEM WEIGHTED AVERAGE		82,005.75	\$ 6,402,902.72

KENTUCKY POWER COMPANY

January 2014

NON-AFFILIATED COAL

Station and Supplier	FPO/CONTRACT	Tons Purchased	Total
<u>BIG SANDY PLANT</u>			
Beech Fork Processing	03-30-08-901	8,080.31	\$ 629,685.35
Rhino Energy, LLC	03-30-10-900	18,778.10	\$ 1,447,261.48
Southern Coal Sales Corp	03-30-12-900	9,282.54	\$ 687,560.66
S.M.& J.	03-30-10-901	11,801.98	\$ 955,427.74
Arch Coal Sales Company	03-30-07-901	-	\$ -
TOTAL SYSTEM WEIGHTED AVERAGE		47,942.93	\$ 3,719,935.23

KENTUCKY POWER COMPANY

February 2014

NON-AFFILIATED COAL

Station and Supplier	FPO/CONTRACT	Tons Purchased	Total
<u>BIG SANDY PLANT</u>			
Beech Fork Processing	03-30-08-901	8,589.95	\$ 677,753.59
Rhino Energy, LLC	03-30-10-900	22,579.76	\$ 1,751,015.05
Southern Coal Sales Corp	03-30-12-900	45,327.22	\$ 3,428,756.80
S.M.& J.	03-30-10-901	10,070.47	\$ 800,465.78
Arch Coal Sales Company	03-30-07-901	-	\$ -
TOTAL SYSTEM WEIGHTED AVERAGE		86,567.40	\$ 6,657,991.22

KENTUCKY POWER COMPANY

March 2014

NON-AFFILIATED COAL

Station and Supplier	FPO/CONTRACT	Tons Purchased	Total
<u>BIG SANDY PLANT</u>			
Beech Fork Processing	03-30-08-901	-	\$ 31,856.94
Rhino Energy, LLC	03-30-10-900	23,600.76	\$ 1,806,544.66
Southern Coal Sales Corp	03-30-12-900	68,023.29	\$ 4,782,983.87
S.M.& J.	03-30-10-901	14,536.52	\$ 1,144,480.65
Arch Coal Sales Company	03-30-07-901	-	\$ (0.01)
TOTAL SYSTEM WEIGHTED AVERAGE		106,160.57	\$ 7,765,866.11

KENTUCKY POWER COMPANY

April 2014

NON-AFFILIATED COAL

Station and Supplier	FPO/CONTRACT	Tons Purchased	Total
<u>BIG SANDY PLANT</u>			
Rhino Energy, LLC	03-30-10-900	26,488.98	\$ 2,010,274.22
Southern Coal Sales Corp	03-30-12-900	75,926.28	\$ 5,763,705.68
S.M.& J.	03-30-10-901	-	\$ 7,177.05
Arch Coal Sales Company	03-30-07-901	-	\$ 0.01
Beech Fork Processing	03-30-14-001	8,266.38	\$ 537,898.84
TOTAL SYSTEM WEIGHTED AVERAGE		110,681.64	\$ 8,319,055.80

KENTUCKY POWER COMPANY

May 2014

NON-AFFILIATED COAL

Station and Supplier	FPO/CONTRACT	Tons Purchased	Total
<u>BIG SANDY PLANT</u>			
Rhino Energy, LLC	03-30-10-900	21,732.00	\$ 1,703,938.59
Southern Coal Sales Corp	03-30-12-900	47,460.82	\$ 3,631,347.91
S.M. & J.	03-30-14-002	10,660.00	\$ 722,675.84
Beech Fork Processing	03-30-14-001	30,534.57	\$ 2,017,229.36
Alpha Coal Sales	03-30-14-003	15,963.21	\$ 1,134,935.33
TOTAL SYSTEM WEIGHTED AVERAGE		126,350.60	\$ 9,210,127.03

KENTUCKY POWER COMPANY

June 2014

NON-AFFILIATED COAL

Station and Supplier	FPO/CONTRACT	Tons Purchased	Total
<u>BIG SANDY PLANT</u>			
Rhino Energy, LLC	03-30-10-900	11,909.15	\$ 943,803.67
Southern Coal Sales Corp	03-30-12-900	39,923.13	\$ 3,156,779.40
S.M.& J.	03-30-14-002	23,914.78	\$ 1,630,712.79
Beech Fork Processing	03-30-14-001	38,624.21	\$ 2,532,437.35
Alpha Coal Sales	03-30-14-003	24,059.79	\$ 1,714,907.98
TOTAL SYSTEM WEIGHTED AVERAGE		138,431.06	\$ 9,978,641.19

KENTUCKY POWER COMPANY

July 2014

NON-AFFILIATED COAL

Station and Supplier	FPO/CONTRACT	Tons Purchased	Total
<u>BIG SANDY PLANT</u>			
Southern Coal Sales Corp	03-30-12-900	26,355.04	2,032,342.23
RWE Supply	03-30-14-007	10,411.70	698,392.21
S.M.& J.	03-30-14-002	22,660.82	1,530,794.01
Producers Coal	03-30-14-004	37,489.07	2,597,148.84
Beech Fork Processing	03-30-14-001	26,660.49	1,744,772.86
Koch	03-30-14-005	12,844.41	882,319.39
Virginia Electric & Power Company	03-30-14-008	10,495.20	695,077.89
Rhino Energy, LLC	03-30-14-006	10,518.40	701,677.18
Alpha Coal Sales	03-30-14-003	20,020.47	\$ 1,431,798.47
TOTAL SYSTEM WEIGHTED AVERAGE		177,455.60	\$ 12,314,323.08

KENTUCKY POWER COMPANY

August 2014

NON-AFFILIATED COAL

Station and Supplier	FPO/CONTRACT	Tons Purchased	Total
<u>BIG SANDY PLANT</u>			
Southern Coal Sales Corp	03-30-12-900	22,702.21	1,809,593.10
Arch Coal Sales Company	03-30-07-901	-	25,635.09
Mercuria Trading	03-30-14-012	11,650.29	803,287.51
S.M.& J.	03-30-14-002	25,715.72	1,743,055.10
Producers Coal	03-30-14-004	39,694.85	2,694,585.40
Beech Fork Processing	03-30-14-001	27,932.96	1,819,003.04
Kolmar Americas	03-30-14-013	1,064.82	72,940.18
Koch	03-30-14-005	7,995.04	546,505.65
Trafigura AG	03-30-14-009	10,393.20	679,109.05
Cargill	03-30-14-010	5,316.60	387,401.72
Virginia Electric & Power Company	03-30-14-008	-	1,556.33
Rhino Energy, LLC	03-30-14-006	31,565.90	2,317,777.00
MR Coal	03-30-14-011	20,545.90	1,330,733.94
Alpha Coal Sales	03-30-14-003	-	5,630.59
TOTAL SYSTEM WEIGHTED AVERAGE		204,577.49	\$ 14,236,813.70

KENTUCKY POWER COMPANY

September 2014

NON-AFFILIATED COAL

Station and Supplier	FPO/CONTRACT	Tons Purchased	Total
<u>BIG SANDY PLANT</u>			
Southern Coal Sales Corp	03-30-12-900	24,802.29	1,916,568.75
Arch Coal Sales Company	03-30-07-901	-	32,009.68
Mercuria Trading	03-30-14-012	9,191.31	622,933.82
S.M.& J.	03-30-14-002	25,653.59	1,735,599.06
Producers Coal	03-30-14-004	59,106.28	4,173,405.93
Beech Fork Processing	03-30-14-001	34,022.32	2,236,077.83
Virginia Electric & Power Company	03-30-14-014	10,502.00	658,305.52
Kolmar Americas	03-30-14-013	7,903.02	549,278.13
Koch	03-30-14-005	12,841.18	893,672.52
Trafigura AG	03-30-14-009	23,168.00	1,532,371.11
Cargill	03-30-14-010	5,283.69	392,640.05
Rhino Energy, LLC	03-30-14-006	10,508.30	741,647.01
Alpha Coal Sales	03-30-14-003	72.44	5,182.42
TOTAL SYSTEM WEIGHTED AVERAGE		223,054.42	\$ 15,489,691.83

Kentucky Power Company - Big Sandy 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	13 mo avg
Number of Days Supply based on actual burn at the station*	219.4	234.9	260.1	256.0	168.7	117.1	124.6	97.6	76.9	42.2	36.0	26.6	54.7	131.9

*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*	134.2	189.7	234.0	265.8	239.6	193.0	140.5	113.6	132.1	152.9	189.7	225.3	219.4	186.9

*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*	24.1	24.7	37.9	46.1	63.5	82.8	80.6	79.4	110.5	114.6	96.2	92.1	134.2	75.9

*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*	20.8	34.6	32.8	31.5	22.5	23.4	27.8	38.4	35.8	32.4	14.3	20.6	24.1	27.6

*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 Big Sandy Plant daily over the most recent 12 months.

APPENDIX A

KENTUCKY POWER COMPANY BIG SANDY - TOTAL PLANT SEPTEMBER 2014

<u>Line No.</u>	<u>Item Description</u>	
1.	Unit Performance:	
	a. Capacity (name plate rating) (MW)	1,096.8
	b. Capacity (average load) (MW)	843.5
	c. Net Demonstrated Capability (MW)	1,078.0
	d. Net Capability Factor (%)	27.1
2.	Heat Rate:	
	a. Btu's Consumed (MMBTU)	1,869.9
	b. Gross Generation (MWH)	221,896
	c. Net Generation (MWH)	210,517
	d. Heat Rate (L2a divided by L2c) (BTU/KWH)	8,882
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	54.7

APPENDIX A

KENTUCKY POWER COMPANY BIG SANDY - TOTAL PLANT AUGUST 2014

<u>Line No.</u>	<u>Item Description</u>	
1.	Unit Performance:	
	a. Capacity (name plate rating) (MW)	1,096.8
	b. Capacity (average load) (MW)	798.4
	c. Net Demonstrated Capability (MW)	1,078.0
	d. Net Capability Factor (%)	73.0
2.	Heat Rate:	
	a. Btu's Consumed (MMBTU)	5,488.4
	b. Gross Generation (MWH)	618,014
	c. Net Generation (MWH)	585,732
	d. Heat Rate (L2a divided by L2c) (BTU/KWH)	9,371
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)	2.7
	b. Net Generation - FAC Basis (Cents/KWH)	2.9
5.	Inventory Analysis:	
	a. Number of Days Supply based on actual burn at the station	26.6

APPENDIX A

KENTUCKY POWER COMPANY BIG SANDY - TOTAL PLANT JULY 2014

<u>Line No.</u>	<u>Item Description</u>	
1.	Unit Performance:	
	a. Capacity (name plate rating) (MW)	1,096.8
	b. Capacity (average load) (MW)	668.3
	c. Net Demonstrated Capability (MW)	1,078.0
	d. Net Capability Factor (%)	58.1
2.	Heat Rate:	
	a. Btu's Consumed (MMBTU)	4,451.1
	b. Gross Generation (MWH)	492,558
	c. Net Generation (MWH)	465,645
	d. Heat Rate (L2a divided by L2c) (BTU/KWH)	9,558
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	36.0

APPENDIX A

KENTUCKY POWER COMPANY BIG SANDY - TOTAL PLANT JUNE 2014

<u>Line No.</u>	<u>Item Description</u>	
1.	Unit Performance:	
	a. Capacity (name plate rating) (MW)	1,096.8
	b. Capacity (average load) (MW)	797.4
	c. Net Demonstrated Capability (MW)	1,078.0
	d. Net Capability Factor (%)	74.0
2.	Heat Rate:	
	a. Btu's Consumed (MMBTU)	5,508.4
	b. Gross Generation (MWH)	605,522
	c. Net Generation (MWH)	574,116
	d. Heat Rate (L2a divided by L2c) (BTU/KWH)	9,594
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)	2.9
	b. Net Generation - FAC Basis (Cents/KWH)	3.0
5.	Inventory Analysis:	
	a. Number of Days Supply based on actual burn at the station	42.2

APPENDIX A

KENTUCKY POWER COMPANY BIG SANDY - TOTAL PLANT MAY 2014

<u>Line No.</u>	<u>Item Description</u>	
1.	Unit Performance:	
	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.	Heat Rate:	
	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.	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)	3.1
	b. Net Generation - FAC Basis (Cents/KWH)	3.3
5.	Inventory Analysis:	
	a. Number of Days Supply based on actual burn at the station	76.9

APPENDIX A

KENTUCKY POWER COMPANY BIG SANDY - TOTAL PLANT APRIL 2014

<u>Line No.</u>	<u>Item Description</u>	
1.	Unit Performance:	
	a. Capacity (name plate rating) (MW)	1,096.8
	b. Capacity (average load) (MW)	812.1
	c. Net Demonstrated Capability (MW)	1,078.0
	d. Net Capability Factor (%)	61.6
2.	Heat Rate:	
	a. Btu's Consumed (MMBTU)	4,288.3
	b. Gross Generation (MWH)	503,002
	c. Net Generation (MWH)	478,140
	d. Heat Rate (L2a divided by L2c) (BTU/KWH)	9,722
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)	2.9
	b. Net Generation - FAC Basis (Cents/KWH)	3.0
5.	Inventory Analysis:	
	a. Number of Days Supply based on actual burn at the station	97.6

APPENDIX A

KENTUCKY POWER COMPANY BIG SANDY - TOTAL PLANT MARCH 2014

<u>Line No.</u>	<u>Item Description</u>	
1.	Unit Performance:	
	a. Capacity (name plate rating) (MW)	1,096.8
	b. Capacity (average load) (MW)	811.5
	c. Net Demonstrated Capability (MW)	1,078.0
	d. Net Capability Factor (%)	76.2
2.	Heat Rate:	
	a. Btu's Consumed (MMBTU)	2,733.2
	b. Gross Generation (MWH)	309,216
	c. Net Generation (MWH)	295,855
	d. Heat Rate (L2a divided by L2c) (BTU/KWH)	9,239
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)	3.0
	b. Net Generation - FAC Basis (Cents/KWH)	3.1
5.	Inventory Analysis:	
	a. Number of Days Supply based on actual burn at the station	124.6

APPENDIX A

KENTUCKY POWER COMPANY BIG SANDY - TOTAL PLANT FEBRUARY 2014

<u>Line No.</u>	<u>Item Description</u>	
1.	Unit Performance:	
	a. Capacity (name plate rating) (MW)	1,096.8
	b. Capacity (average load) (MW)	968.5
	c. Net Demonstrated Capability (MW)	1,078.0
	d. Net Capability Factor (%)	80.2
2.	Heat Rate:	
	a. Btu's Consumed (MMBTU)	5,344.2
	b. Gross Generation (MWH)	608,242
	c. Net Generation (MWH)	580,585
	d. Heat Rate (L2a divided by L2c) (BTU/KWH)	9,204
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	117.1

APPENDIX A

KENTUCKY POWER COMPANY BIG SANDY - TOTAL PLANT JANUARY 2014

<u>Line No.</u>	<u>Item Description</u>	
1.	Unit Performance:	
	a. Capacity (name plate rating) (MW)	1,096.8
	b. Capacity (average load) (MW)	821.4
	c. Net Demonstrated Capability (MW)	1,078.0
	d. Net Capability Factor (%)	76.2
2.	Heat Rate:	
	a. Btu's Consumed (MMBTU)	5,960.3
	b. Gross Generation (MWH)	642,613
	c. Net Generation (MWH)	611,150
	d. Heat Rate (L2a divided by L2c) (BTU/KWH)	9,753
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)	3.0
	b. Net Generation - FAC Basis (Cents/KWH)	3.1
5.	Inventory Analysis:	
	a. Number of Days Supply based on actual burn at the station	168.7

APPENDIX A

KENTUCKY POWER COMPANY BIG SANDY - TOTAL PLANT DECEMBER 2013

<u>Line No.</u>	<u>Item Description</u>	
1.	Unit Performance:	
	a. Capacity (name plate rating) (MW)	1,096.8
	b. Capacity (average load) (MW)	762.6
	c. Net Demonstrated Capability (MW)	1,078.0
	d. Net Capability Factor (%)	47.4
2.	Heat Rate:	
	a. Btu's Consumed (MMBTU)	1,903.0
	b. Gross Generation (MWH)	399,445
	c. Net Generation (MWH)	379,794
	d. Heat Rate (L2a divided by L2c) (BTU/KWH)	9,706
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)	3.3
	b. Net Generation - FAC Basis (Cents/KWH)	3.5
5.	Inventory Analysis:	
	a. Number of Days Supply based on actual burn at the station	256.0

APPENDIX A

KENTUCKY POWER COMPANY BIG SANDY - TOTAL PLANT NOVEMBER 2013

<u>Line No.</u>	<u>Item Description</u>	
1.	Unit Performance:	
	a. Capacity (name plate rating) (MW)	1,096.8
	b. Capacity (average load) (MW)	216.1
	c. Net Demonstrated Capability (MW)	1,078.0
	d. Net Capability Factor (%)	4.6
2.	Heat Rate:	
	a. Btu's Consumed (MMBTU)	427.1
	b. Gross Generation (MWH)	41,113
	c. Net Generation (MWH)	35,869
	d. Heat Rate (L2a divided by L2c) (BTU/KWH)	12,146
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)	5.0
	b. Net Generation - FAC Basis (Cents/KWH)	5.8
5.	Inventory Analysis:	
	a. Number of Days Supply based on actual burn at the station	260.1

APPENDIX A

KENTUCKY POWER COMPANY BIG SANDY - TOTAL PLANT OCTOBER 2013

<u>Line No.</u>	<u>Item Description</u>	
1.	Unit Performance:	
	a. Capacity (name plate rating) (MW)	1,096.8
	b. Capacity (average load) (MW)	169.4
	c. Net Demonstrated Capability (MW)	1,078.0
	d. Net Capability Factor (%)	2.1
2.	Heat Rate:	
	a. Btu's Consumed (MMBTU)	90.2
	b. Gross Generation (MWH)	18,372
	c. Net Generation (MWH)	16,734
	d. Heat Rate (L2a divided by L2c) (BTU/KWH)	5,387
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)	1.8
	b. Net Generation - FAC Basis (Cents/KWH)	1.9
5.	Inventory Analysis:	
	a. Number of Days Supply based on actual burn at the station	234.9

APPENDIX A

KENTUCKY POWER COMPANY BIG SANDY - TOTAL PLANT SEPTEMBER 2013

<u>Line No.</u>	<u>Item Description</u>	
1.	Unit Performance:	
	a. Capacity (name plate rating) (MW)	1,096.8
	b. Capacity (average load) (MW)	132.2
	c. Net Demonstrated Capability (MW)	1,078.0
	d. Net Capability Factor (%)	12.3
2.	Heat Rate:	
	a. Btu's Consumed (MMBTU)	984.2
	b. Gross Generation (MWH)	100,700
	c. Net Generation (MWH)	95,190
	d. Heat Rate (L2a divided by L2c) (BTU/KWH)	10,339
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)	3.3
	b. Net Generation - FAC Basis (Cents/KWH)	3.5
5.	Inventory Analysis:	
	a. Number of Days Supply based on actual burn at the station	219.4

APPENDIX A

KENTUCKY POWER COMPANY BIG SANDY - TOTAL PLANT AUGUST 2013

<u>Line No.</u>	<u>Item Description</u>	
1.	Unit Performance:	
	a. Capacity (name plate rating) (MW)	1,096.8
	b. Capacity (average load) (MW)	145.9
	c. Net Demonstrated Capability (MW)	1,078.0
	d. Net Capability Factor (%)	13.5
2.	Heat Rate:	
	a. Btu's Consumed (MMBTU)	1,143.9
	b. Gross Generation (MWH)	114,492
	c. Net Generation (MWH)	108,582
	d. Heat Rate (L2a divided by L2c) (BTU/KWH)	10,535
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)	3.6
	b. Net Generation - FAC Basis (Cents/KWH)	3.7
5.	Inventory Analysis:	
	a. Number of Days Supply based on actual burn at the station	225.3

APPENDIX A

KENTUCKY POWER COMPANY BIG SANDY - TOTAL PLANT JULY 2013

<u>Line No.</u>	<u>Item Description</u>	
1.	Unit Performance:	
	a. Capacity (name plate rating) (MW)	1,096.8
	b. Capacity (average load) (MW)	288.6
	c. Net Demonstrated Capability (MW)	1,078.0
	d. Net Capability Factor (%)	16.2
2.	Heat Rate:	
	a. Btu's Consumed (MMBTU)	1,312.1
	b. Gross Generation (MWH)	139,482
	c. Net Generation (MWH)	129,852
	d. Heat Rate (L2a divided by L2c) (BTU/KWH)	10,104
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)	3.4
	b. Net Generation - FAC Basis (Cents/KWH)	3.7
5.	Inventory Analysis:	
	a. Number of Days Supply based on actual burn at the station	189.7

APPENDIX A

KENTUCKY POWER COMPANY BIG SANDY - TOTAL PLANT JUNE 2013

<u>Line No.</u>	<u>Item Description</u>	
1.	Unit Performance:	
	a. Capacity (name plate rating) (MW)	1,096.8
	b. Capacity (average load) (MW)	184.2
	c. Net Demonstrated Capability (MW)	1,078.0
	d. Net Capability Factor (%)	15.2
2.	Heat Rate:	
	a. Btu's Consumed (MMBTU)	1,245.2
	b. Gross Generation (MWH)	127,387
	c. Net Generation (MWH)	117,583
	d. Heat Rate (L2a divided by L2c) (BTU/KWH)	10,592
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)	3.6
	b. Net Generation - FAC Basis (Cents/KWH)	3.9
5.	Inventory Analysis:	
	a. Number of Days Supply based on actual burn at the station	152.9

APPENDIX A

KENTUCKY POWER COMPANY BIG SANDY - TOTAL PLANT MAY 2013

<u>Line No.</u>	<u>Item Description</u>	
1.	Unit Performance:	
	a. Capacity (name plate rating) (MW)	1,096.8
	b. Capacity (average load) (MW)	631.6
	c. Net Demonstrated Capability (MW)	1,078.0
	d. Net Capability Factor (%)	7.1
2.	Heat Rate:	
	a. Btu's Consumed (MMBTU)	578.5
	b. Gross Generation (MWH)	63,222
	c. Net Generation (MWH)	56,804
	d. Heat Rate (L2a divided by L2c) (BTU/KWH)	10,202
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)	3.1
	b. Net Generation - FAC Basis (Cents/KWH)	3.5
5.	Inventory Analysis:	
	a. Number of Days Supply based on actual burn at the station	132.1

APPENDIX A

KENTUCKY POWER COMPANY BIG SANDY - TOTAL PLANT APRIL 2013

<u>Line No.</u>	<u>Item Description</u>	
1.	Unit Performance:	
	a. Capacity (name plate rating) (MW)	1,096.8
	b. Capacity (average load) (MW)	763.8
	c. Net Demonstrated Capability (MW)	1,078.0
	d. Net Capability Factor (%)	58.7
2.	Heat Rate:	
	a. Btu's Consumed (MMBTU)	4,342.1
	b. Gross Generation (MWH)	481,327
	c. Net Generation (MWH)	455,195
	d. Heat Rate (L2a divided by L2c) (BTU/KWH)	9,539
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)	3.0
	b. Net Generation - FAC Basis (Cents/KWH)	3.2
5.	Inventory Analysis:	
	a. Number of Days Supply based on actual burn at the station	113.6

APPENDIX A

KENTUCKY POWER COMPANY BIG SANDY - TOTAL PLANT MARCH 2013

<u>Line No.</u>	<u>Item Description</u>	
1.	Unit Performance:	
	a. Capacity (name plate rating) (MW)	1,096.8
	b. Capacity (average load) (MW)	805.6
	c. Net Demonstrated Capability (MW)	1,078.0
	d. Net Capability Factor (%)	74.7
2.	Heat Rate:	
	a. Btu's Consumed (MMBTU)	5,769.0
	b. Gross Generation (MWH)	630,749
	c. Net Generation (MWH)	598,568
	d. Heat Rate (L2a divided by L2c) (BTU/KWH)	9,639
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)	3.1
	b. Net Generation - FAC Basis (Cents/KWH)	3.3
5.	Inventory Analysis:	
	a. Number of Days Supply based on actual burn at the station	140.5

APPENDIX A

KENTUCKY POWER COMPANY BIG SANDY - TOTAL PLANT FEBRUARY 2013

<u>Line No.</u>	<u>Item Description</u>	
1.	Unit Performance:	
	a. Capacity (name plate rating) (MW)	1,096.8
	b. Capacity (average load) (MW)	752.5
	c. Net Demonstrated Capability (MW)	1,078.0
	d. Net Capability Factor (%)	56.8
2.	Heat Rate:	
	a. Btu's Consumed (MMBTU)	4,094.0
	b. Gross Generation (MWH)	435,200
	c. Net Generation (MWH)	411,362
	d. Heat Rate (L2a divided by L2c) (BTU/KWH)	9,955
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)	3.3
	b. Net Generation - FAC Basis (Cents/KWH)	3.5
5.	Inventory Analysis:	
	a. Number of Days Supply based on actual burn at the station	193.0

APPENDIX A

KENTUCKY POWER COMPANY BIG SANDY - TOTAL PLANT JANUARY 2013

<u>Line No.</u>	<u>Item Description</u>	
1.	Unit Performance:	
	a. Capacity (name plate rating) (MW)	1,096.8
	b. Capacity (average load) (MW)	655.9
	c. Net Demonstrated Capability (MW)	1,078.0
	d. Net Capability Factor (%)	45.1
2.	Heat Rate:	
	a. Btu's Consumed (MMBTU)	3,609.5
	b. Gross Generation (MWH)	383,113
	c. Net Generation (MWH)	361,369
	d. Heat Rate (L2a divided by L2c) (BTU/KWH)	9,988
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)	3.3
	b. Net Generation - FAC Basis (Cents/KWH)	3.5
5.	Inventory Analysis:	
	a. Number of Days Supply based on actual burn at the station	239.6

APPENDIX A

KENTUCKY POWER COMPANY BIG SANDY - TOTAL PLANT DECEMBER 2012

<u>Line No.</u>	<u>Item Description</u>	
1.	Unit Performance:	
	a. Capacity (name plate rating) (MW)	1,096.8
	b. Capacity (average load) (MW)	296.4
	c. Net Demonstrated Capability (MW)	1,078.0
	d. Net Capability Factor (%)	18.8
2.	Heat Rate:	
	a. Btu's Consumed (MMBTU)	1,656.1
	b. Gross Generation (MWH)	160,414
	c. Net Generation (MWH)	150,586
	d. Heat Rate (L2a divided by L2c) (BTU/KWH)	10,997
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)	4.0
	b. Net Generation - FAC Basis (Cents/KWH)	4.2
5.	Inventory Analysis:	
	a. Number of Days Supply based on actual burn at the station	265.8

APPENDIX A

KENTUCKY POWER COMPANY BIG SANDY - TOTAL PLANT NOVEMBER 2012

<u>Line No.</u>	<u>Item Description</u>	
1.	Unit Performance:	
	a. Capacity (name plate rating) (MW)	1,096.8
	b. Capacity (average load) (MW)	753.2
	c. Net Demonstrated Capability (MW)	1,078.0
	d. Net Capability Factor (%)	2.8
2.	Heat Rate:	
	a. Btu's Consumed (MMBTU)	617.7
	b. Gross Generation (MWH)	22,877
	c. Net Generation (MWH)	21,774
	d. Heat Rate (L2a divided by L2c) (BTU/KWH)	13,636
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)	-2.2
	b. Net Generation - FAC Basis (Cents/KWH)	-2.4
5.	Inventory Analysis:	
	a. Number of Days Supply based on actual burn at the station	234.0

APPENDIX A

KENTUCKY POWER COMPANY BIG SANDY - TOTAL PLANT OCTOBER 2012

<u>Line No.</u>	<u>Item Description</u>	
1.	Unit Performance:	
	a. Capacity (name plate rating) (MW)	1,096.8
	b. Capacity (average load) (MW)	-
	c. Net Demonstrated Capability (MW)	1,078.0
	d. Net Capability Factor (%)	-
2.	Heat Rate:	
	a. Btu's Consumed (MMBTU)	(0.8)
	b. Gross Generation (MWH)	0
	c. Net Generation (MWH)	0
	d. Heat Rate (L2a divided by L2c) (BTU/KWH)	0
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)	0.0
	b. Net Generation - FAC Basis (Cents/KWH)	0.0
5.	Inventory Analysis:	
	a. Number of Days Supply based on actual burn at the station	189.7

APPENDIX A

KENTUCKY POWER COMPANY BIG SANDY - TOTAL PLANT SEPTEMBER 2012

<u>Line No.</u>	<u>Item Description</u>	
1.	Unit Performance:	
	a. Capacity (name plate rating) (MW)	1,096.8
	b. Capacity (average load) (MW)	144.2
	c. Net Demonstrated Capability (MW)	1,078.0
	d. Net Capability Factor (%)	0.9
2.	Heat Rate:	
	a. Btu's Consumed (MMBTU)	57.9
	b. Gross Generation (MWH)	7,493
	c. Net Generation (MWH)	7,072
	d. Heat Rate (L2a divided by L2c) (BTU/KWH)	8,187
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	134.2

APPENDIX A

KENTUCKY POWER COMPANY BIG SANDY - TOTAL PLANT AUGUST 2012

<u>Line No.</u>	<u>Item Description</u>	
1.	Unit Performance:	
	a. Capacity (name plate rating) (MW)	1,096.8
	b. Capacity (average load) (MW)	609.6
	c. Net Demonstrated Capability (MW)	1,078.0
	d. Net Capability Factor (%)	54.9
2.	Heat Rate:	
	a. Btu's Consumed (MMBTU)	4,307.8
	b. Gross Generation (MWH)	468,091
	c. Net Generation (MWH)	440,120
	d. Heat Rate (L2a divided by L2c) (BTU/KWH)	9,788
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)	3.0
	b. Net Generation - FAC Basis (Cents/KWH)	3.2
5.	Inventory Analysis:	
	a. Number of Days Supply based on actual burn at the station	92.1

APPENDIX A

KENTUCKY POWER COMPANY BIG SANDY - TOTAL PLANT JULY 2012

<u>Line No.</u>	<u>Item Description</u>	
1.	Unit Performance:	
	a. Capacity (name plate rating) (MW)	1,096.8
	b. Capacity (average load) (MW)	736.7
	c. Net Demonstrated Capability (MW)	1,078.0
	d. Net Capability Factor (%)	67.9
2.	Heat Rate:	
	a. Btu's Consumed (MMBTU)	5,631.0
	b. Gross Generation (MWH)	575,509
	c. Net Generation (MWH)	544,744
	d. Heat Rate (L2a divided by L2c) (BTU/KWH)	10,337
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	96.2

APPENDIX A

KENTUCKY POWER COMPANY BIG SANDY - TOTAL PLANT JUNE 2012

<u>Line No.</u>	<u>Item Description</u>	
1.	Unit Performance:	
	a. Capacity (name plate rating) (MW)	1,096.8
	b. Capacity (average load) (MW)	546.3
	c. Net Demonstrated Capability (MW)	1,078.0
	d. Net Capability Factor (%)	48.5
2.	Heat Rate:	
	a. Btu's Consumed (MMBTU)	3,925.3
	b. Gross Generation (MWH)	400,769
	c. Net Generation (MWH)	376,497
	d. Heat Rate (L2a divided by L2c) (BTU/KWH)	10,426
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	114.6

APPENDIX A

KENTUCKY POWER COMPANY BIG SANDY - TOTAL PLANT MAY 2012

<u>Line No.</u>	<u>Item Description</u>	
1.	Unit Performance:	
	a. Capacity (name plate rating) (MW)	1,096.8
	b. Capacity (average load) (MW)	492.6
	c. Net Demonstrated Capability (MW)	1,078.0
	d. Net Capability Factor (%)	15.1
2.	Heat Rate:	
	a. Btu's Consumed (MMBTU)	1,142.4
	b. Gross Generation (MWH)	128,478
	c. Net Generation (MWH)	121,214
	d. Heat Rate (L2a divided by L2c) (BTU/KWH)	9,409
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)	2.9
	b. Net Generation - FAC Basis (Cents/KWH)	3.0
5.	Inventory Analysis:	
	a. Number of Days Supply based on actual burn at the station	110.5

APPENDIX A

KENTUCKY POWER COMPANY BIG SANDY - TOTAL PLANT APRIL 2012

<u>Line No.</u>	<u>Item Description</u>	
1.	Unit Performance:	
	a. Capacity (name plate rating) (MW)	1,096.8
	b. Capacity (average load) (MW)	629.6
	c. Net Demonstrated Capability (MW)	1,078.0
	d. Net Capability Factor (%)	54.4
2.	Heat Rate:	
	a. Btu's Consumed (MMBTU)	4,285.6
	b. Gross Generation (MWH)	447,250
	c. Net Generation (MWH)	421,821
	d. Heat Rate (L2a divided by L2c) (BTU/KWH)	10,160
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)	2.9
	b. Net Generation - FAC Basis (Cents/KWH)	3.1
5.	Inventory Analysis:	
	a. Number of Days Supply based on actual burn at the station	79.4

APPENDIX A

KENTUCKY POWER COMPANY BIG SANDY - TOTAL PLANT MARCH 2012

<u>Line No.</u>	<u>Item Description</u>	
1.	Unit Performance:	
	a. Capacity (name plate rating) (MW)	1,096.8
	b. Capacity (average load) (MW)	559.0
	c. Net Demonstrated Capability (MW)	1,078.0
	d. Net Capability Factor (%)	28.4
2.	Heat Rate:	
	a. Btu's Consumed (MMBTU)	2,356.1
	b. Gross Generation (MWH)	241,897
	c. Net Generation (MWH)	227,657
	d. Heat Rate (L2a divided by L2c) (BTU/KWH)	10,349
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)	3.1
	b. Net Generation - FAC Basis (Cents/KWH)	3.3
5.	Inventory Analysis:	
	a. Number of Days Supply based on actual burn at the station	80.6

APPENDIX A

KENTUCKY POWER COMPANY BIG SANDY - TOTAL PLANT FEBRUARY 2012

<u>Line No.</u>	<u>Item Description</u>	
1.	Unit Performance:	
	a. Capacity (name plate rating) (MW)	1,096.8
	b. Capacity (average load) (MW)	449.9
	c. Net Demonstrated Capability (MW)	1,078.0
	d. Net Capability Factor (%)	10.8
2.	Heat Rate:	
	a. Btu's Consumed (MMBTU)	839.5
	b. Gross Generation (MWH)	85,437
	c. Net Generation (MWH)	80,747
	d. Heat Rate (L2a divided by L2c) (BTU/KWH)	10,398
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)	3.0
	b. Net Generation - FAC Basis (Cents/KWH)	3.1
5.	Inventory Analysis:	
	a. Number of Days Supply based on actual burn at the station	82.8

APPENDIX A

KENTUCKY POWER COMPANY BIG SANDY - TOTAL PLANT JANUARY 2012

<u>Line No.</u>	<u>Item Description</u>	
1.	Unit Performance:	
	a. Capacity (name plate rating) (MW)	1,096.8
	b. Capacity (average load) (MW)	361.7
	c. Net Demonstrated Capability (MW)	1,078.0
	d. Net Capability Factor (%)	33.6
2.	Heat Rate:	
	a. Btu's Consumed (MMBTU)	2,648.3
	b. Gross Generation (MWH)	284,418
	c. Net Generation (MWH)	269,112
	d. Heat Rate (L2a divided by L2c) (BTU/KWH)	9,841
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)	2.9
	b. Net Generation - FAC Basis (Cents/KWH)	3.0
5.	Inventory Analysis:	
	a. Number of Days Supply based on actual burn at the station	63.5

APPENDIX A

KENTUCKY POWER COMPANY BIG SANDY - TOTAL PLANT DECEMBER 2011

<u>Line No.</u>	<u>Item Description</u>	
1.	Unit Performance:	
	a. Capacity (name plate rating) (MW)	1,096.8
	b. Capacity (average load) (MW)	734.6
	c. Net Demonstrated Capability (MW)	1,078.0
	d. Net Capability Factor (%)	59.6
2.	Heat Rate:	
	a. Btu's Consumed (MMBTU)	4,743.3
	b. Gross Generation (MWH)	505,452
	c. Net Generation (MWH)	478,139
	d. Heat Rate (L2a divided by L2c) (BTU/KWH)	9,920
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)	2.7
	b. Net Generation - FAC Basis (Cents/KWH)	2.9
5.	Inventory Analysis:	
	a. Number of Days Supply based on actual burn at the station	46.1

APPENDIX A

KENTUCKY POWER COMPANY BIG SANDY - TOTAL PLANT NOVEMBER 2011

<u>Line No.</u>	<u>Item Description</u>	
1.	Unit Performance:	
	a. Capacity (name plate rating) (MW)	1,096.8
	b. Capacity (average load) (MW)	886.5
	c. Net Demonstrated Capability (MW)	1,078.0
	d. Net Capability Factor (%)	52.5
2.	Heat Rate:	
	a. Btu's Consumed (MMBTU)	2,896.1
	b. Gross Generation (MWH)	428,079
	c. Net Generation (MWH)	408,229
	d. Heat Rate (L2a divided by L2c) (BTU/KWH)	9,580
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)	2.9
	b. Net Generation - FAC Basis (Cents/KWH)	3.0
5.	Inventory Analysis:	
	a. Number of Days Supply based on actual burn at the station	37.9

APPENDIX A

KENTUCKY POWER COMPANY BIG SANDY - TOTAL PLANT OCTOBER 2011

<u>Line No.</u>	<u>Item Description</u>	
1.	Unit Performance:	
	a. Capacity (name plate rating) (MW)	1,096.8
	b. Capacity (average load) (MW)	816.7
	c. Net Demonstrated Capability (MW)	1,078.0
	d. Net Capability Factor (%)	52.5
2.	Heat Rate:	
	a. Btu's Consumed (MMBTU)	4,181.9
	b. Gross Generation (MWH)	441,790
	c. Net Generation (MWH)	420,639
	d. Heat Rate (L2a divided by L2c) (BTU/KWH)	9,942
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)	3.0
	b. Net Generation - FAC Basis (Cents/KWH)	3.1
5.	Inventory Analysis:	
	a. Number of Days Supply based on actual burn at the station	24.7

APPENDIX A

KENTUCKY POWER COMPANY BIG SANDY - TOTAL PLANT SEPTEMBER 2011

<u>Line No.</u>	<u>Item Description</u>	
1.	Unit Performance:	
	a. Capacity (name plate rating) (MW)	1,096.8
	b. Capacity (average load) (MW)	659.1
	c. Net Demonstrated Capability (MW)	1,060.0
	d. Net Capability Factor (L1b divided by L1c) (%)	46.3
2.	Heat Rate:	
	a. Btu's Consumed (MMBTU)	3,614.0
	b. Gross Generation (MWH)	378,357
	c. Net Generation (MWH)	359,500
	d. Heat Rate (L2a divided by L2c) (BTU/KWH)	10,054
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 (L3b divided by L3c) (%)	Reported on Unit Basis Only
4.	Cost per KWH:	
	a. Gross Generation - FAC Basis (Cents/KWH)	3.1
	b. Net Generation - FAC Basis (Cents/KWH)	3.2
5.	Inventory Analysis:	
	a. Number of Days Supply based on actual burn at the station	24.1

APPENDIX A

KENTUCKY POWER COMPANY BIG SANDY - TOTAL PLANT AUGUST 2011

<u>Line No.</u>	<u>Item Description</u>	
1.	Unit Performance:	
	a. Capacity (name plate rating) (MW)	1,096.8
	b. Capacity (average load) (MW)	722.1
	c. Net Demonstrated Capability (MW)	1,060.0
	d. Net Capability Factor (L1b divided by L1c) (%)	62.2
2.	Heat Rate:	
	a. Btu's Consumed (MMBTU)	4,679.0
	b. Gross Generation (MWH)	525,631
	c. Net Generation (MWH)	498,579
	d. Heat Rate (L2a divided by L2c) (BTU/KWH)	9,385
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 (L3b divided by L3c) (%)	Reported on Unit Basis Only
4.	Cost per KWH:	
	a. Gross Generation - FAC Basis (Cents/KWH)	2.7
	b. Net Generation - FAC Basis (Cents/KWH)	2.9
5.	Inventory Analysis:	
	a. Number of Days Supply based on actual burn at the station	20.6

APPENDIX A

KENTUCKY POWER COMPANY BIG SANDY - TOTAL PLANT JULY 2011

<u>Line No.</u>	<u>Item Description</u>	
1.	Unit Performance:	
	a. Capacity (name plate rating) (MW)	1,096.8
	b. Capacity (average load) (MW)	914.0
	c. Net Demonstrated Capability (MW)	1,060.0
	d. Net Capability Factor (L1b divided by L1c) (%)	84.8
2.	Heat Rate:	
	a. Btu's Consumed (MMBTU)	6,779.0
	b. Gross Generation (MWH)	714,997
	c. Net Generation (MWH)	680,027
	d. Heat Rate (L2a divided by L2c) (BTU/KWH)	9,969
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 (L3b divided by L3c) (%)	Reported on Unit Basis Only
4.	Cost per KWH:	
	a. Gross Generation - FAC Basis (Cents/KWH)	2.9
	b. Net Generation - FAC Basis (Cents/KWH)	3.1
5.	Inventory Analysis:	
	a. Number of Days Supply based on actual burn at the station	14.3

APPENDIX A

KENTUCKY POWER COMPANY BIG SANDY - TOTAL PLANT JUNE 2011

<u>Line No.</u>	<u>Item Description</u>	
1.	Unit Performance:	
	a. Capacity (name plate rating) (MW)	1,096.8
	b. Capacity (average load) (MW)	861.2
	c. Net Demonstrated Capability (MW)	1,060.0
	d. Net Capability Factor (L1b divided by L1c) (%)	77.5
2.	Heat Rate:	
	a. Btu's Consumed (MMBTU)	5,769.4
	b. Gross Generation (MWH)	633,466
	c. Net Generation (MWH)	601,871
	d. Heat Rate (L2a divided by L2c) (BTU/KWH)	9,587
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 (L3b divided by L3c) (%)	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)	2.9
5.	Inventory Analysis:	
	a. Number of Days Supply based on actual burn at the station	32.4

APPENDIX A

KENTUCKY POWER COMPANY BIG SANDY - TOTAL PLANT MAY 2011

<u>Line No.</u>	<u>Item Description</u>	
1.	Unit Performance:	
	a. Capacity (name plate rating) (MW)	1,096.8
	b. Capacity (average load) (MW)	884.9
	c. Net Demonstrated Capability (MW)	1,060.0
	d. Net Capability Factor (L1b divided by L1c) (%)	66.7
2.	Heat Rate:	
	a. Btu's Consumed (MMBTU)	5,153.5
	b. Gross Generation (MWH)	562,121
	c. Net Generation (MWH)	534,985
	d. Heat Rate (L2a divided by L2c) (BTU/KWH)	9,639
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 (L3b divided by L3c) (%)	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)	2.9
5.	Inventory Analysis:	
	a. Number of Days Supply based on actual burn at the station	35.8

APPENDIX A

KENTUCKY POWER COMPANY BIG SANDY - TOTAL PLANT APRIL 2011

<u>Line No.</u>	<u>Item Description</u>	
1.	Unit Performance:	
	a. Capacity (name plate rating) (MW)	1,096.8
	b. Capacity (average load) (MW)	774.7
	c. Net Demonstrated Capability (MW)	1,060.0
	d. Net Capability Factor (L1b divided by L1c) (%)	60.7
2.	Heat Rate:	
	a. Btu's Consumed (MMBTU)	4,684.6
	b. Gross Generation (MWH)	494,055
	c. Net Generation (MWH)	470,779
	d. Heat Rate (L2a divided by L2c) (BTU/KWH)	9,951
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 (L3b divided by L3c) (%)	Reported on Unit Basis Only
4.	Cost per KWH:	
	a. Gross Generation - FAC Basis (Cents/KWH)	2.9
	b. Net Generation - FAC Basis (Cents/KWH)	3.1
5.	Inventory Analysis:	
	a. Number of Days Supply based on actual burn at the station	38.4

APPENDIX A

KENTUCKY POWER COMPANY BIG SANDY - TOTAL PLANT MARCH 2011

<u>Line No.</u>	<u>Item Description</u>	
1.	Unit Performance:	
	a. Capacity (name plate rating) (MW)	1,096.8
	b. Capacity (average load) (MW)	928.6
	c. Net Demonstrated Capability (MW)	1,060.0
	d. Net Capability Factor (L1b divided by L1c) (%)	69.7
2.	Heat Rate:	
	a. Btu's Consumed (MMBTU)	5,324.3
	b. Gross Generation (MWH)	584,647
	c. Net Generation (MWH)	557,893
	d. Heat Rate (L2a divided by L2c) (BTU/KWH)	9,544
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 (L3b divided by L3c) (%)	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)	2.9
5.	Inventory Analysis:	
	a. Number of Days Supply based on actual burn at the station	27.8

APPENDIX A

KENTUCKY POWER COMPANY BIG SANDY - TOTAL PLANT FEBRUARY 2011

<u>Line No.</u>	<u>Item Description</u>	
1.	Unit Performance:	
	a. Capacity (name plate rating) (MW)	1,096.8
	b. Capacity (average load) (MW)	959.6
	c. Net Demonstrated Capability (MW)	1,060.0
	d. Net Capability Factor (L1b divided by L1c) (%)	89.0
2.	Heat Rate:	
	a. Btu's Consumed (MMBTU)	6,089.6
	b. Gross Generation (MWH)	675,860
	c. Net Generation (MWH)	644,862
	d. Heat Rate (L2a divided by L2c) (BTU/KWH)	9,444
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 (L3b divided by L3c) (%)	Reported on Unit Basis Only
4.	Cost per KWH:	
	a. Gross Generation - FAC Basis (Cents/KWH)	2.7
	b. Net Generation - FAC Basis (Cents/KWH)	2.8
5.	Inventory Analysis:	
	a. Number of Days Supply based on actual burn at the station	23.4

APPENDIX A

KENTUCKY POWER COMPANY BIG SANDY - TOTAL PLANT JANUARY 2011

<u>Line No.</u>	<u>Item Description</u>	
1.	Unit Performance:	
	a. Capacity (name plate rating) (MW)	1,096.8
	b. Capacity (average load) (MW)	965.2
	c. Net Demonstrated Capability (MW)	1,060.0
	d. Net Capability Factor (L1b divided by L1c) (%)	89.5
2.	Heat Rate:	
	a. Btu's Consumed (MMBTU)	7,105.3
	b. Gross Generation (MWH)	752,926
	c. Net Generation (MWH)	718,098
	d. Heat Rate (L2a divided by L2c) (BTU/KWH)	9,729
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 (L3b divided by L3c) (%)	Reported on Unit Basis Only
4.	Cost per KWH:	
	a. Gross Generation - FAC Basis (Cents/KWH)	2.6
	b. Net Generation - FAC Basis (Cents/KWH)	2.7
5.	Inventory Analysis:	
	a. Number of Days Supply based on actual burn at the station	22.5

APPENDIX A

KENTUCKY POWER COMPANY BIG SANDY - TOTAL PLANT DECEMBER 2010

<u>Line No.</u>	<u>Item Description</u>	
1.	Unit Performance:	
	a. Capacity (name plate rating) (MW)	1,096.8
	b. Capacity (average load) (MW)	880.9
	c. Net Demonstrated Capability (MW)	1,060.0
	d. Net Capability Factor (L1b divided by L1c) (%)	59.7
2.	Heat Rate:	
	a. Btu's Consumed (MMBTU)	4,899.9
	b. Gross Generation (MWH)	503,188
	c. Net Generation (MWH)	478,475
	d. Heat Rate (L2a divided by L2c) (BTU/KWH)	10,161
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 (L3b divided by L3c) (%)	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	31.5

APPENDIX A

KENTUCKY POWER COMPANY BIG SANDY - TOTAL PLANT NOVEMBER 2010

<u>Line No.</u>	<u>Item Description</u>	
1.	Unit Performance:	
	a. Capacity (name plate rating) (MW)	1,096.8
	b. Capacity (average load) (MW)	916.9
	c. Net Demonstrated Capability (MW)	1,060.0
	d. Net Capability Factor (L1b divided by L1c) (%)	63.1
2.	Heat Rate:	
	a. Btu's Consumed (MMBTU)	4,680.5
	b. Gross Generation (MWH)	516,772
	c. Net Generation (MWH)	490,573
	d. Heat Rate (L2a divided by L2c) (BTU/KWH)	9,541
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 (L3b divided by L3c) (%)	Reported on Unit Basis Only
4.	Cost per KWH:	
	a. Gross Generation - FAC Basis (Cents/KWH)	2.6
	b. Net Generation - FAC Basis (Cents/KWH)	2.8
5.	Inventory Analysis:	
	a. Number of Days Supply based on actual burn at the station	32.8

APPENDIX A

KENTUCKY POWER COMPANY BIG SANDY - TOTAL PLANT OCTOBER 2010

<u>Line No.</u>	<u>Item Description</u>	
1.	Unit Performance:	
	a. Capacity (name plate rating) (MW)	1,096.8
	b. Capacity (average load) (MW)	894.0
	c. Net Demonstrated Capability (MW)	1,060.0
	d. Net Capability Factor (L1b divided by L1c) (%)	61.5
2.	Heat Rate:	
	a. Btu's Consumed (MMBTU)	4,733.8
	b. Gross Generation (MWH)	520,172
	c. Net Generation (MWH)	493,594
	d. Heat Rate (L2a divided by L2c) (BTU/KWH)	9,591
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 (L3b divided by L3c) (%)	Reported on Unit Basis Only
4.	Cost per KWH:	
	a. Gross Generation - FAC Basis (Cents/KWH)	2.6
	b. Net Generation - FAC Basis (Cents/KWH)	2.8
5.	Inventory Analysis:	
	a. Number of Days Supply based on actual burn at the station	34.6

APPENDIX A

KENTUCKY POWER COMPANY BIG SANDY - TOTAL PLANT SEPTEMBER 2010

<u>Line No.</u>	<u>Item Description</u>	
1.	Unit Performance:	
	a. Capacity (name plate rating) (MW)	1,096.8
	b. Capacity (average load) (MW)	856.1
	c. Net Demonstrated Capability (MW)	1,060.0
	d. Net Capability Factor (L1b divided by L1c) (%)	67.6
2.	Heat Rate:	
	a. Btu's Consumed (MMBTU)	5,216.5
	b. Gross Generation (MWH)	552,709
	c. Net Generation (MWH)	524,702
	d. Heat Rate (L2a divided by L2c) (BTU/KWH)	9,942
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 (L3b divided by L3c) (%)	Reported on Unit Basis Only
4.	Cost per KWH:	
	a. Gross Generation - FAC Basis (Cents/KWH)	2.6
	b. Net Generation - FAC Basis (Cents/KWH)	2.8
5.	Inventory Analysis:	
	a. Number of Days Supply based on actual burn at the station	20.8