



RECEIVED

AUG 28 2015

PUBLIC SERVICE  
COMMISSION

August 28, 2015

**HAND DELIVERED**

Mr. Jeff Derouen  
Executive Director  
Kentucky Public Service Commission  
P.O. Box 615  
211 Sower Boulevard  
Frankfort, KY 40602

Re: PSC Case No. 2015-00233

Dear Mr. Derouen:

Please find enclosed for filing with the Commission in the above-referenced case an original and ten redacted copies of the responses of East Kentucky Power Cooperative, Inc. ("EKPC"), to the information requests contained in the Appendix to the Commission's Order dated August 14, 2015.

Also enclosed are an original and ten copies of EKPC's Motion for Confidential Treatment of Information ("Motion"). One unredacted copy of the designated confidential portions of these responses, which are the subject of the Motion, is enclosed in a sealed envelope.

Very truly yours,

David S. Samford

Enclosures

**COMMONWEALTH OF KENTUCKY  
BEFORE THE PUBLIC SERVICE COMMISSION**

**In the Matter of:**

<b>AN EXAMINATION OF THE APPLICATION OF</b>	<b>)</b>	
<b>THE FUEL ADJUSTMENT CLAUSE OF EAST</b>	<b>)</b>	<b>CASE NO.</b>
<b>KENTUCKY POWER COOPERATIVE, INC.</b>	<b>)</b>	<b>2015-00233</b>
<b>INC. FROM NOVEMBER 1, 2014 THROUGH APRIL</b>	<b>)</b>	
<b>30, 2015</b>	<b>)</b>	

**RESPONSES TO COMMISSION STAFF'S INFORMATION REQUEST  
TO EAST KENTUCKY POWER COOPERATIVE, INC.  
DATED AUGUST 14, 2015**

**EAST KENTUCKY POWER COOPERATIVE, INC.**

**PSC CASE NO. 2015-00233**

**PUBLIC SERVICE COMMISSION REQUEST DATED 08/14/15**

East Kentucky Power Cooperative, Inc. ("EKPC") hereby submits responses to the information requests contained in the Appendix to the Order of the Public Service Commission ("PSC") in this case dated August 14, 2015. Each response with its associated supportive reference materials is individually tabbed.

**COMMONWEALTH OF KENTUCKY**  
**BEFORE THE PUBLIC SERVICE COMMISSION**

**IN THE MATTER OF:**

<b>AN EXAMINATION OF THE APPLICATION OF</b>	)	
<b>THE FUEL ADJUSTMENT CLAUSE OF EAST</b>	)	<b>CASE NO.</b>
<b>KENTUCKY POWER COOPERATIVE, INC.</b>	)	<b>2015-00233</b>
<b>INC. FROM NOVEMBER 1, 2014 THROUGH APRIL</b>	)	
<b>30, 2014</b>	)	

**CERTIFICATE**

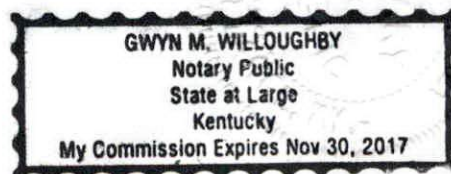
**STATE OF KENTUCKY** )  
  )  
**COUNTY OF CLARK**     )

Michelle K. Carpenter, being duly sworn, states that she has supervised the preparation of the responses of East Kentucky Power Cooperative, Inc. to the Public Service Commission Staff Data Requests contained in the Appendix in the above-referenced case dated August 14, 2015, and that the matters and things set forth therein are true and accurate to the best of her knowledge, information and belief, formed after reasonable inquiry.

*Michelle K. Carpenter*

Subscribed and sworn before me on this 28<sup>th</sup> day of August 2015.

*Gwyn M. Willoughby* #500144  
Notary Public



**COMMONWEALTH OF KENTUCKY**  
**BEFORE THE PUBLIC SERVICE COMMISSION**

**IN THE MATTER OF:**

<b>AN EXAMINATION OF THE APPLICATION OF</b>	)	
<b>THE FUEL ADJUSTMENT CLAUSE OF EAST</b>	)	<b>CASE NO.</b>
<b>KENTUCKY POWER COOPERATIVE, INC.</b>	)	<b>2015-00233</b>
<b>INC. FROM NOVEMBER 1, 2014 THROUGH APRIL</b>	)	
<b>30, 2014</b>	)	

**CERTIFICATE**

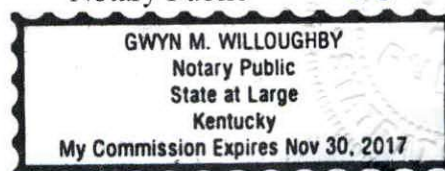
**STATE OF KENTUCKY**   )  
  )  
**COUNTY OF CLARK**     )

Mark Horn, being duly sworn, states that he has supervised the preparation of the responses of East Kentucky Power Cooperative, Inc. to the Public Service Commission Staff Data Requests contained in the Appendix in the above-referenced case dated August 14, 2015, and that the matters and things set forth therein are true and accurate to the best of his knowledge, information and belief, formed after reasonable inquiry.

Mark Horn

Subscribed and sworn before me on this 28<sup>th</sup> day of August 2015.

Gwyn M. Willoughby #500144  
Notary Public



**COMMONWEALTH OF KENTUCKY**  
**BEFORE THE PUBLIC SERVICE COMMISSION**

**IN THE MATTER OF:**

<b>AN EXAMINATION OF THE APPLICATION OF</b>	)	
<b>THE FUEL ADJUSTMENT CLAUSE OF EAST</b>	)	<b>CASE NO.</b>
<b>KENTUCKY POWER COOPERATIVE, INC.</b>	)	<b>2015-00233</b>
<b>INC. FROM NOVEMBER 1, 2014 THROUGH APRIL</b>	)	
<b>30, 2014</b>	)	

**CERTIFICATE**

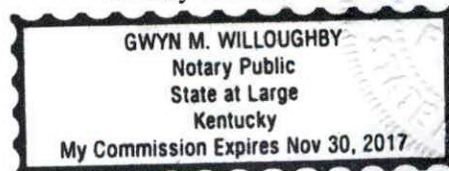
**STATE OF KENTUCKY** )  
                                  )  
**COUNTY OF CLARK** )

Craig A. Johnson, being duly sworn, states that he has supervised the preparation of the responses of East Kentucky Power Cooperative, Inc. to the Public Service Commission Staff Data Requests contained in the Appendix in the above-referenced case dated August 14, 2015 and that the matters and things set forth therein are true and accurate to the best of his knowledge, information and belief, formed after reasonable inquiry.



Subscribed and sworn before me on this 28<sup>th</sup> day of August 2015.

  
Notary Public



**COMMONWEALTH OF KENTUCKY**  
**BEFORE THE PUBLIC SERVICE COMMISSION**

**IN THE MATTER OF:**

<b>AN EXAMINATION OF THE APPLICATION OF</b>	)	
<b>THE FUEL ADJUSTMENT CLAUSE OF EAST</b>	)	<b>CASE NO.</b>
<b>KENTUCKY POWER COOPERATIVE, INC.</b>	)	<b>2015-00233</b>
<b>INC. FROM NOVEMBER 1, 2014 THROUGH APRIL</b>	)	
<b>30, 2014</b>	)	

**CERTIFICATE**

**STATE OF KENTUCKY**   )  
  )  
**COUNTY OF CLARK**     )

Julia J. Tucker, being duly sworn, states that she has supervised the preparation of the responses of East Kentucky Power Cooperative, Inc. to the Public Service Commission Staff Data Requests contained in the Appendix in the above-referenced case dated August 14, 2015, and that the matters and things set forth therein are true and accurate to the best of her knowledge, information and belief, formed after reasonable inquiry.

  
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Subscribed and sworn before me on this 28th day of August 2015.

 #500144  
Notary Public



**COMMONWEALTH OF KENTUCKY**  
**BEFORE THE PUBLIC SERVICE COMMISSION**

**IN THE MATTER OF:**

<b>AN EXAMINATION OF THE APPLICATION OF</b>	)	
<b>THE FUEL ADJUSTMENT CLAUSE OF EAST</b>	)	<b>CASE NO.</b>
<b>KENTUCKY POWER COOPERATIVE, INC.</b>	)	<b>2015-00233</b>
<b>INC. FROM NOVEMBER 1, 2014 THROUGH APRIL</b>	)	
<b>30, 2014</b>	)	

**CERTIFICATE**

**STATE OF KENTUCKY**   )  
  )  
**COUNTY OF CLARK**     )

Patrick C. Woods, being duly sworn, states that he has supervised the preparation of the responses of East Kentucky Power Cooperative, Inc. to the Public Service Commission Staff Data Requests contained in the Appendix in the above-referenced case dated August 14, 2015, and that the matters and things set forth therein are true and accurate to the best of his knowledge, information and belief, formed after reasonable inquiry.

  
\_\_\_\_\_

Subscribed and sworn before me on this 28th day of August 2015.

  
\_\_\_\_\_  
Notary Public



**EAST KENTUCKY POWER COOPERATIVE, INC.**

**PSC CASE NO. 2015-00233**

**FUEL ADJUSTMENT CLAUSE**

**RESPONSE TO INFORMATION REQUEST**

**COMMISSION STAFF'S INFORMATION REQUEST DATED 08/14/15**

**REQUEST 1**

**RESPONSIBLE PARTY: Mark Horn**

**Request 1.** For the period from November 1, 2014 through April 30, 2015, list each vendor from whom coal was purchased and the quantities and nature of each purchase (e.g., spot or contract). For the period under review in total, provide the percentage of purchases that were spot versus contract. For contract purchases, state whether the contract has been filed with the Commission. If no, explain why it has not been filed.

**Response 1.** Please see pages 2 through 8 of this response. All contract purchases have been filed with the Commission.

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<u>Supplier</u>	<u>Spot/Contract</u>	<u>Order Number</u>	<u>Quantity (Tons)</u>
<b><u>February 2015</u></b>			
BLUE DIAMOND MINING, LLC	Spot Market	0000151483	6,355.19
PERRY COUNTY COAL CORPORATION	Spot Market	0000151488	3,046.94
		<b>February 2015</b>	<b>9,402.13</b>
<b><u>March 2015</u></b>			
BLUE DIAMOND MINING, LLC	Spot Market	0000151483	1,424.08
		<b>March 2015</b>	<b>1,424.08</b>
<b><u>Cooper</u></b>			
<b><u>November 2014</u></b>			
B & W RESOURCES, INC	L T Contract	0000000236	10,282.43
BOWIE REFINED COAL, LLC	Spot Market	0000251472	21,128.50
JAMIESON CONSTRUCTION CO	Spot Market	0000251481	892.85
MOUNTAINSIDE COAL CO, INC	Spot Market	0000251482	1,008.55
BLUE DIAMOND MINING, LLC	Spot Market	0000251483	286.69
		<b>November 2014</b>	<b>33,599.02</b>
<b><u>December 2014</u></b>			
B & W RESOURCES, INC	L T Contract	0000000236	6,943.99
BOWIE REFINED COAL, LLC	Spot Market	0000251472	26,632.06
JAMIESON CONSTRUCTION CO	Spot Market	0000251481	9,140.66
MOUNTAINSIDE COAL CO, INC	Spot Market	0000251482	9,008.41
BLUE DIAMOND MINING, LLC	Spot Market	0000251483	11,630.70
NALLY & HAMILTON ENTERPRISES, INC.	Spot Market	0000251484	10,011.11
		<b>December 2014</b>	<b>73,366.93</b>
<b><u>January 2015</u></b>			
B & W RESOURCES, INC	L T Contract	0000000236	6,280.79
BOWIE REFINED COAL, LLC	L T Contract	0000000243	8,495.81
JAMIESON CONSTRUCTION CO	Spot Market	0000251481	5,099.27
MOUNTAINSIDE COAL CO, INC	Spot Market	0000251482	4,996.31
BLUE DIAMOND MINING, LLC	Spot Market	0000251483	12,946.15
NALLY & HAMILTON ENTERPRISES, INC.	Spot Market	0000251484	5,007.04
		<b>January 2015</b>	<b>42,825.37</b>

<u>Supplier</u>	<u>Spot/Contract</u>	<u>Order Number</u>	<u>Quantity (Tons)</u>
<b><u>February 2015</u></b>			
B & W RESOURCES, INC	L T Contract	0000000236	5,555.11
JAMIESON CONSTRUCTION CO	Spot Market	0000251481	4,905.24
MOUNTAINSIDE COAL CO, INC	Spot Market	0000251482	4,990.77
BLUE DIAMOND MINING, LLC	Spot Market	0000251483	6,509.53
NALLY & HAMILTON ENTERPRISES, INC.	Spot Market	0000251484	4,215.07
BOWIE REFINED COAL, LLC	Spot Market	0000251487	8,542.50
		<b>February 2015</b>	<b>34,718.22</b>
<b><u>March 2015</u></b>			
B & W RESOURCES, INC	L T Contract	0000000236	10,144.11
BLUE DIAMOND MINING, LLC	Spot Market	0000251483	975.83
NALLY & HAMILTON ENTERPRISES, INC.	Spot Market	0000251484	878.21
BOWIE REFINED COAL, LLC	Spot Market	0000251487	5,839.77
		<b>March 2015</b>	<b>17,837.92</b>
<b><u>April 2015</u></b>			
B & W RESOURCES, INC	L T Contract	0000000236	10,613.88
BOWIE REFINED COAL, LLC	Spot Market	0000251487	19,226.78
		<b>April 2015</b>	<b>29,840.66</b>

**Spurlock Unit Nos. 1 & 2**

<b><u>November 2014</u></b>			
OXFORD MINING COMPANY	L T Contract	0000000504	37,224.00
WILLIAMSON ENERGY, LLC	L T Contract	0000000506	1,631.00
WILLIAMSON ENERGY, LLC	L T Contract	0000000506	17,931.00
WHITE COUNTY COAL, LLC	L T Contract	0000000508	22,138.00
ARMSTRONG COAL COMPANY, INC	L T Contract	0000000520	17,574.00
PATRIOT COAL SALES, LLC	L T Contract	0000000522	14,586.00
PEABODY COALSALES, LLC	L T Contract	0000000526	9,710.00
ARMSTRONG COAL COMPANY, INC	Spot Market	0000551464	30,262.00
RIVER TRADING COMPANY, LTD	Spot Market	0000551474	23,722.00
RIVER TRADING COMPANY, LTD	Spot Market	0000551477	1,604.00
PATRIOT COAL SALES, LLC	Spot Market	0000551478	32,788.00
		<b>November 2014</b>	<b>209,170.00</b>

<u>Supplier</u>	<u>Spot/Contract</u>	<u>Order Number</u>	<u>Quantity (Tons)</u>
<b><u>December 2014</u></b>			
OXFORD MINING COMPANY	L T Contract	0000000504	25,194.00
WILLIAMSON ENERGY, LLC	L T Contract	0000000506	19,550.00
WILLIAMSON ENERGY, LLC	L T Contract	0000000506	6,424.00
WHITE COUNTY COAL, LLC	L T Contract	0000000508	22,216.00
ARMSTRONG COAL COMPANY, INC	L T Contract	0000000520	28,822.00
PEABODY COALSALES, LLC	L T Contract	0000000526	9,405.00
ARMSTRONG COAL COMPANY, INC	Spot Market	0000551464	33,722.00
RIVER TRADING COMPANY, LTD	Spot Market	0000551474	27,132.00
RIVER TRADING COMPANY, LTD	Spot Market	0000551477	1,631.00
PATRIOT COAL SALES, LLC	Spot Market	0000551478	21,214.00
<b>December 2014</b>			<b>195,310.00</b>
<b><u>January 2015</u></b>			
OXFORD MINING COMPANY	L T Contract	0000000504	20,612.00
WILLIAMSON ENERGY, LLC	L T Contract	0000000506	4,865.00
WHITE COUNTY COAL, LLC	L T Contract	0000000508	31,767.00
PEABODY COALSALES, LLC	L T Contract	0000000526	31,206.00
WHITE OAK RESOURCES, LLC	L T Contract	0000000528	12,661.00
RIVER VIEW COAL, LLC	L T Contract	0000000530	15,921.00
FORESIGHT COAL SALES, LLC	L T Contract	0000000532	11,235.00
ARMSTRONG COAL COMPANY, INC	Spot Market	0000551464	28,668.00
RIVER TRADING COMPANY, LTD	Spot Market	0000551479	3,195.00
FORESIGHT COAL SALES, LLC	Spot Market	0000551480	38,653.00
RIVER TRADING COMPANY, LTD	Spot Market	0000551485	3,149.00
ALLIANCE COAL, LLC	Spot Market	0000551486	1,695.00
<b>January 2015</b>			<b>203,627.00</b>

<u>Supplier</u>	<u>Spot/Contract</u>	<u>Order Number</u>	<u>Quantity (Tons)</u>
<b><u>February 2015</u></b>			
OXFORD MINING COMPANY	L T Contract	0000000504	22,004.00
WHITE COUNTY COAL, LLC	L T Contract	0000000508	23,959.00
PEABODY COALSALES, LLC	L T Contract	0000000526	31,022.00
WHITE OAK RESOURCES, LLC	L T Contract	0000000528	14,128.00
WHITE OAK RESOURCES, LLC	L T Contract	0000000528	4,793.00
RIVER VIEW COAL, LLC	L T Contract	0000000530	14,412.00
FORESIGHT COAL SALES, LLC	L T Contract	0000000532	14,625.00
ARMSTRONG COAL COMPANY, INC	Spot Market	0000551464	19,448.00
RIVER TRADING COMPANY, LTD	Spot Market	0000551479	17,676.00
FORESIGHT COAL SALES, LLC	Spot Market	0000551480	25,827.00
FORESIGHT COAL SALES, LLC	Spot Market	0000551480	11,346.00
RIVER TRADING COMPANY, LTD	Spot Market	0000551485	3,254.00
ALLIANCE COAL, LLC	Spot Market	0000551486	20,721.00
<b>February 2015</b>			<b>223,215.00</b>
<b><u>March 2015</u></b>			
OXFORD MINING COMPANY	L T Contract	0000000504	20,125.00
WHITE COUNTY COAL, LLC	L T Contract	0000000508	22,227.00
PEABODY COALSALES, LLC	L T Contract	0000000526	29,692.00
WHITE OAK RESOURCES, LLC	L T Contract	0000000528	4,717.00
RIVER VIEW COAL, LLC	L T Contract	0000000530	19,141.00
FORESIGHT COAL SALES, LLC	L T Contract	0000000532	9,753.00
FORESIGHT COAL SALES, LLC	L T Contract	0000000532	11,455.00
ARMSTRONG COAL COMPANY, INC	Spot Market	0000551464	15,772.00
FORESIGHT COAL SALES, LLC	Spot Market	0000551480	15,994.00
FORESIGHT COAL SALES, LLC	Spot Market	0000551480	25,995.00
RIVER TRADING COMPANY, LTD	Spot Market	0000551485	1,597.00
ALLIANCE COAL, LLC	Spot Market	0000551486	20,650.00
<b>March 2015</b>			<b>197,118.00</b>

<u>Supplier</u>	<u>Spot/Contract</u>	<u>Order Number</u>	<u>Quantity (Tons)</u>
<b><u>April 2015</u></b>			
OXFORD MINING COMPANY	L T Contract	0000000504	25,236.00
WHITE COUNTY COAL, LLC	L T Contract	0000000508	30,282.00
PEABODY COALSALES, LLC	L T Contract	0000000526	22,398.00
WHITE OAK RESOURCES, LLC	L T Contract	0000000528	18,999.00
WHITE OAK RESOURCES, LLC	L T Contract	0000000528	6,471.00
RIVER VIEW COAL, LLC	L T Contract	0000000530	17,508.00
FORESIGHT COAL SALES, LLC	L T Contract	0000000532	6,469.00
FORESIGHT COAL SALES, LLC	L T Contract	0000000532	11,376.00
ARMSTRONG COAL COMPANY, INC	Spot Market	0000551464	20,964.00
RIVER TRADING COMPANY, LTD	Spot Market	0000551479	9,514.00
FORESIGHT COAL SALES, LLC	Spot Market	0000551480	19,473.00
FORESIGHT COAL SALES, LLC	Spot Market	0000551480	25,736.00
RIVER TRADING COMPANY, LTD	Spot Market	0000551485	1,625.00
ALLIANCE COAL, LLC	Spot Market	0000551486	16,773.00
<b>April 2015</b>			<b>232,824.00</b>

**Spurlock Unit Nos. 3 & 4**

<b><u>November 2014</u></b>			
OXFORD MINING COMPANY	L T Contract	0000000800	37,335.00
PEABODY COALSALES, LLC	L T Contract	0000000822	39,371.00
B & N COAL, INC	L T Contract	0000000824	14,510.00
B & N COAL, INC	L T Contract	0000000826	25,853.00
FORESIGHT COAL SALES, LLC	L T Contract	0000000828	6,472.00
<b>November 2014</b>			<b>123,541.00</b>

<u>Supplier</u>	<u>Spot/Contract</u>	<u>Order Number</u>	<u>Quantity (Tons)</u>
<b><u>December 2014</u></b>			
OXFORD MINING COMPANY	L T Contract	0000000800	43,919.00
PEABODY COALSALES, LLC	L T Contract	0000000822	39,605.00
B & N COAL, INC	L T Contract	0000000824	24,274.00
B & N COAL, INC	L T Contract	0000000826	6,552.00
FORESIGHT COAL SALES, LLC	L T Contract	0000000828	6,486.00
FORESIGHT COAL SALES, LLC	L T Contract	0000000828	6,408.00
<b>December 2014</b>			<b>127,244.00</b>
<b><u>January 2015</u></b>			
OXFORD MINING COMPANY	L T Contract	0000000800	40,817.00
B & N COAL, INC	L T Contract	0000000824	8,116.00
B & N COAL, INC	L T Contract	0000000826	22,748.00
FORESIGHT COAL SALES, LLC	L T Contract	0000000828	3,154.00
FORESIGHT COAL SALES, LLC	L T Contract	0000000828	19,398.00
B & N COAL, INC	L T Contract	0000000830	1,615.00
<b>January 2015</b>			<b>95,848.00</b>
<b><u>February 2015</u></b>			
OXFORD MINING COMPANY	L T Contract	0000000800	20,544.00
B & N COAL, INC	L T Contract	0000000824	19,482.00
B & N COAL, INC	L T Contract	0000000826	9,695.00
FORESIGHT COAL SALES, LLC	L T Contract	0000000828	14,636.00
B & N COAL, INC	L T Contract	0000000830	8,087.00
<b>February 2015</b>			<b>72,444.00</b>
<b><u>March 2015</u></b>			
OXFORD MINING COMPANY	L T Contract	0000000800	27,142.00
B & N COAL, INC	L T Contract	0000000824	9,811.00
B & N COAL, INC	L T Contract	0000000826	1,583.00
FORESIGHT COAL SALES, LLC	L T Contract	0000000828	12,966.00
FORESIGHT COAL SALES, LLC	L T Contract	0000000828	22,529.00
B & N COAL, INC	L T Contract	0000000830	6,574.00
<b>March 2015</b>			<b>80,605.00</b>

<u>Supplier</u>	<u>Spot/Contract</u>	<u>Order Number</u>	<u>Quantity (Tons)</u>
<u>April 2015</u>			
OXFORD MINING COMPANY	L T Contract	0000000800	16,954.00
B & N COAL, INC	L T Contract	0000000824	16,497.00
B & N COAL, INC	L T Contract	0000000826	14,701.00
FORESIGHT COAL SALES, LLC	L T Contract	0000000828	14,651.00
FORESIGHT COAL SALES, LLC	L T Contract	0000000828	1,647.00
B & N COAL, INC	L T Contract	0000000830	9,717.00
April 2015			<hr/> 74,167.00
<u>TOTAL PERCENTAGE SPOT</u>	<u>34%</u>		
<u>TOTAL PERCENTAGE CONTRACT</u>	<u>66%</u>		

**EAST KENTUCKY POWER COOPERATIVE, INC.****PSC CASE NO. 2015-00233****FUEL ADJUSTMENT CLAUSE****RESPONSE TO INFORMATION REQUEST****COMMISSION STAFF'S INFORMATION REQUEST DATED 08/14/15****REQUEST 2****RESPONSIBLE PARTY: Mark Horn**

**Request 2.** For the period from November 1, 2014 through April 30, 2015, list each vendor from whom natural gas was purchased for generation and the quantities and the nature of each purchase (e.g., spot or contract). For contract purchases, state whether the contract has been filed with the Commission. If no, explain why it has not been filed.

**Response 2.** Please refer to the table below.

<b><u>Vendor</u></b>	<b><u>Quantity (MMBtu)</u></b>	<b><u>Type of Purchase</u></b>
Atmos	586,000	Spot
BP Energy	30,000	Spot
Energy America	140,000	Spot
NJR Energy	523,069	Spot
Sequent	634,000	Spot
TGP*	(11,877)	Spot

Please note that NAESB contracts with the above vendors have been filed with the Commission. For the period under review in total (six-month period ending April 30, 2015), East Kentucky's gas purchases were 100% spot.

\* TGP is the pipeline transportation company. Quantity shown is monthly balancing on the pipeline.

**EAST KENTUCKY POWER COOPERATIVE, INC.**

**PSC CASE NO. 2015-00233**

**FUEL ADJUSTMENT CLAUSE**

**RESPONSE TO INFORMATION REQUEST**

**COMMISSION STAFF'S INFORMATION REQUEST DATED 08/14/15**

**REQUEST 3**

**RESPONSIBLE PARTY: Mark Horn**

**Request 3.** State whether East Kentucky engages in hedging activities for its coal or natural gas purchases used for generation. If yes, describe the hedging activities in detail.

**Response 3.** East Kentucky engages in "physical" hedging of its coal supply and pricing by blending contract coal with long- and short-term purchase orders. Coal contract terms will vary based on market conditions, and have staggered expiration and reopener dates to levelize coal contract pricing. Some of the factors that impact contract mix are coal availability, foreseeable mining or transportation problems, and planned unit outages.

**EAST KENTUCKY POWER COOPERATIVE, INC.**

**PSC CASE NO. 2015-00233**  
**FUEL ADJUSTMENT CLAUSE**  
**RESPONSE TO INFORMATION REQUEST**

**COMMISSION STAFF'S INFORMATION REQUEST DATED 08/14/15**  
**REQUEST 4**

**RESPONSIBLE PARTY: Mark Horn**

**Request 4.** For each generating station or unit for which a separate coal pile is maintained, state, for the period from November 1, 2014 through April 30, 2015, the actual amount of coal burned in tons, the actual amount of coal deliveries in tons, the total kWh generated, and the actual capacity factor at which the plant operated.

**Response 4.** Please see page 2 of this response.

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**PSC FUEL ADJUSTMENT CLAUSE CASE NO. 2015-00233**

**RESPONSE TO PSC ORDER DATED 08/14/15**

<b>Station</b>	<b>November</b>	<b>December</b>	<b>January</b>	<b>February</b>	<b>March</b>	<b>April</b>
<b><u>Dale</u></b>						
Tons Burned	0.00	638.75	0.00	20,984.45	0.00	0.00
Tons Delivered	0.00	0.00	0.00	9,402.13	1,424.08	0.00
Generation—Net kWh	-324,000.00	793,000.00	-392,000.00	44,846,000.00	-435,000.00	-224,000.00
Actual Capacity Factor (net)	-0.30	0.71	-0.35	44.49	-0.39	-0.21
<b><u>Cooper</u></b>						
Tons Burned	56,300.50	15,968.00	46,076.00	63,135.50	14,946.00	0.00
Tons Delivered	33,599.02	73,366.93	42,825.37	34,718.22	17,837.92	29,840.66
Generation—Net kWh	126,846,000.00	36,871,998.00	108,326,000.00	150,156,000.00	33,807,000.00	-1,376,000.00
Actual Capacity Factor (net)	51.66	14.53	42.70	65.53	13.33	-0.56
<b><u>Spurlock 1 &amp; 2 (Scrubber)</u></b>						
Tons Burned	144,848.00	220,797.00	201,450.00	209,216.00	201,466.00	191,741.00
Tons Delivered	209,170.00	195,310.00	203,627.00	223,215.00	197,118.00	232,824.00
Generation—Net kWh	318,765,021.00	487,465,306.00	435,014,993.00	461,724,917.00	429,093,764.00	406,646,814.00
Actual Capacity Factor (net)	54.66	80.89	72.18	84.83	71.20	69.73
<b><u>Gilbert/Spurlock 4 (CFB)</u></b>						
Tons Burned	149,846.00	165,924.00	146,880.00	158,117.00	86,261.00	71,566.00
Tons Delivered	123,541.00	127,244.00	95,848.00	72,444.00	80,605.00	74,167.00
Generation—Net kWh	341,353,000.00	375,402,000.00	326,509,000.00	345,416,000.00	175,843,000.00	145,512,000.00
Actual Capacity Factor (net)	88.45	94.14	81.88	95.90	44.09	37.71

**EAST KENTUCKY POWER COOPERATIVE, INC.**

**PSC CASE NO. 2015-00233  
FUEL ADJUSTMENT CLAUSE  
RESPONSE TO INFORMATION REQUEST**

**COMMISSION STAFF'S INFORMATION REQUEST DATED 08/14/15  
REQUEST 5**

**RESPONSIBLE PARTY: Julia J. Tucker**

**Request 5.** List all firm power commitments for East Kentucky from November 1, 2014 through April 30, 2015 for (a) purchases and (b) sales. This list shall identify the electric utility, the amount of commitment in MW, and the purpose of the commitment (e.g., peaking, emergency).

**Response 5.**

(a) Purchases

<b>Party</b>	<b>Commitment</b>	<b>Purpose</b>	<b>Date of Commitment</b>
AEP	50 MW	Energy	11/01/2014 – 12/31/2014
AEP	100 MW	Energy	12/01/2014 – 02/29/2016
EDF	50	Energy	01/01/2015 – 02/28/2015
Cargill	50	Energy	01/01/2015 – 02/28/2015
SEPA	Up to 170	Energy	07/01/1998 – 06/30/2017

(b) There were no firm power sales.

**EAST KENTUCKY POWER COOPERATIVE, INC.**

**PSC CASE NO. 2015-00233**

**FUEL ADJUSTMENT CLAUSE**

**RESPONSE TO INFORMATION REQUEST**

**COMMISSION STAFF'S INFORMATION REQUEST DATED 08/14/15**

**REQUEST 6**

**RESPONSIBLE PARTY: Michelle Carpenter**

**Request 6.** Provide a monthly billing summary of sales to all electric utilities for the period November 1, 2014 through April 30, 2015.

**Response 6.** Please see pages 2 through 35 for sales to East Kentucky Power Cooperative member systems and pages 36 through 41 for off-system sales for the period 1, 2014 through April 30, 2015.

**EAST KENTUCKY POWER COOPERATIVE INC.**  
**Wholesale Power Accounting**  
**CO-OP Totals Billing Summary - CP Tariff**

12/2/14 18:10

2014

November

CO-OP Name/EKPC		KW	KWH	Base Mills/KWH	Fuel Charge	Fuel Mills/KWH	Surcharge	Surcharge Mills/KWH	Revenue
BIG SANDY RECC	Month	64,301	23,787,502	65.90	-53,283	63.66	235,788	73.57	1,750,162
	YTD	558,886	234,309,217	64.63	209,152	65.52	1,985,559	74.00	17,338,332
BLUE GRASS ENERGY	Month	293,123	122,252,322	62.99	-273,845	60.75	1,156,362	70.21	8,583,223
	YTD	2,888,076	1,269,069,766	62.62	1,257,607	63.61	10,498,009	71.88	91,225,433
CLARK ENERGY COOP	Month	106,808	42,356,690	65.33	-94,877	63.09	416,066	72.91	3,088,295
	YTD	1,000,290	419,518,425	65.23	386,179	66.15	3,601,893	74.73	31,351,827
CUMBERLAND VALLEY ELECTRIC	Month	115,311	45,961,948	64.86	-102,955	62.62	448,152	72.37	3,326,456
	YTD	1,009,545	450,705,702	63.96	419,742	64.89	3,803,709	73.33	33,048,953
FARMERS RECC	Month	103,853	47,320,096	62.27	-105,999	60.03	442,320	69.38	3,283,160
	YTD	1,056,881	495,847,338	62.32	509,875	63.35	4,104,235	71.62	35,514,800
FLEMING MASON RECC	Month	182,212	83,357,736	57.94	-163,572	55.98	696,106	64.33	5,362,599
	YTD	1,827,465	869,751,771	57.54	844,444	58.51	6,438,220	65.92	57,330,956
GRAYSON RECC	Month	60,286	24,018,661	64.96	-53,801	62.72	234,569	72.49	1,741,117
	YTD	575,261	244,474,138	64.64	231,894	65.58	2,082,557	74.10	18,116,131
INTER-COUNTY ECC	Month	112,843	44,578,405	64.57	-99,670	62.33	432,609	72.04	3,211,082
	YTD	1,076,199	439,882,700	64.58	396,537	65.48	3,732,054	73.97	32,537,527
JACKSON ENERGY COOP	Month	224,754	88,953,525	64.70	-199,254	62.46	865,017	72.18	6,420,677
	YTD	2,031,485	871,147,648	64.11	790,324	65.02	7,343,223	73.45	63,981,590
LICKING VALLEY RECC	Month	62,714	25,377,092	64.63	-56,845	62.39	246,516	72.10	1,829,801
	YTD	575,189	250,864,554	64.24	231,626	65.16	2,122,228	73.62	18,469,620
NOLIN RECC	Month	165,524	71,277,350	61.88	-159,662	59.64	661,886	68.93	4,912,923
	YTD	1,702,471	745,943,811	62.23	750,584	63.23	6,146,563	71.47	53,313,922
OWEN EC	Month	384,695	196,684,796	53.51	-439,638	51.27	1,567,567	59.24	11,651,898
	YTD	4,281,253	2,135,059,257	54.44	2,375,745	55.55	15,303,219	62.72	133,909,092
SALT RIVER RECC	Month	221,532	100,539,283	62.40	-225,210	60.16	941,693	69.52	6,989,823
	YTD	2,451,712	1,088,810,368	63.17	1,160,098	64.24	9,164,348	72.66	79,107,672
SHELBY ENERGY COOP	Month	92,248	42,981,874	61.34	-96,278	59.10	395,512	68.30	2,935,744
	YTD	971,792	455,940,686	61.49	474,482	62.53	3,716,358	70.68	32,225,508
SOUTH KENTUCKY RECC	Month	314,550	123,116,478	64.59	-275,289	62.36	1,195,334	72.07	8,872,475
	YTD	2,934,467	1,244,741,304	63.93	1,168,830	64.87	10,485,166	73.29	91,226,345
TAYLOR COUNTY RECC	Month	123,002	49,427,656	62.34	-99,758	60.32	450,090	69.43	3,431,640
	YTD	1,194,263	485,000,364	62.91	444,330	63.83	3,963,651	72.00	34,919,944
<b>CO-OP Subtotals</b>	Month	2,627,756	1,131,989,414	61.40	-2,499,936	59.19	10,385,587	68.37	77,391,075
	YTD	26,135,235	11,701,067,049	61.32	11,651,449	62.31	94,490,992	70.39	823,617,652

Wholesale Power Accounting  
CO-OP Totals Billing Summary - CP Tariff

2014

November

CO-OP Name/EKPC		KW	KWH	Base Mills/KWH	Fuel Charge	Fuel Mills/KWH	Surcharge	Surcharge Mills/KWH	Revenue
Inland Steam	Month	35,809	17,639,203	49.95	-39,314	47.72	134,316	55.34	976,141
	YTD	404,462	215,073,437	49.00	243,704	50.14	1,430,173	56.79	12,213,498
<b>Totals</b>	Month	2,663,565	1,149,628,617	61.23	-2,539,250	59.02	10,519,903	68.17	78,367,216
	YTD	26,539,697	11,916,140,486	61.09	11,895,153	62.09	95,921,165	70.14	835,831,150
Burnside	Month	248	98,630	64.90	-221	62.66	962	72.41	7,142
	YTD	1,485	639,795	63.36	223	63.71	5,097	71.67	45,856
East Ky Office	Month	1,133	566,372	60.78	-1,269	58.54	5,164	67.66	38,321
	YTD	10,701	6,268,810	58.46	6,295	59.47	47,798	67.09	420,581
Smith Contruction	Month	107	52,775	60.99	-118	58.76	483	67.91	3,584
	YTD	962	534,457	59.20	521	60.17	4,145	67.93	36,304
<b>EKPC Subtotals</b>	Month	1,488	717,777	61.36	-1,608	59.12	6,609	68.33	49,047
	YTD	13,148	7,443,062	58.94	7,039	59.88	57,040	67.54	502,741
<b>Totals</b>	Month	2,665,053	1,150,346,394	61.23	-2,540,858	59.02	10,526,512	68.17	78,416,263
	YTD	26,552,845	11,923,583,548	61.09	11,902,192	62.09	95,978,205	70.14	836,333,891

**EAST KENTUCKY POWER COOPERATIVE INC.**  
**Wholesale Power Accounting**  
**Green Power Billing Summary**

November 2014

CO-OP Name/EKPC		KWH	KWH Charge	Revenue
BIG SANDY RECC	Month	5,800	0.02375	138
	YTD	63,800		1,518
BLUE GRASS ENERGY	Month	22,200	0.02375	527
	YTD	247,300		5,874
CLARK ENERGY COOP	Month	3,200	0.02375	76
	YTD	35,200		836
CUMBERLAND VALLEY ELECTRIC	Month	2,300	0.02375	55
	YTD	25,300		605
FARMERS RECC	Month	1,600	0.02375	38
	YTD	18,300		432
FLEMING MASON RECC	Month	3,100	0.02375	74
	YTD	34,100		814
GRAYSON RECC	Month	6,500	0.02375	154
	YTD	75,100		1,782
INTER-COUNTY ECC	Month	5,400	0.02375	128
	YTD	61,100		1,450
JACKSON ENERGY COOP	Month	9,800	0.02375	233
	YTD	120,000		2,850
LICKING VALLEY RECC	Month	2,700	0.02375	64
	YTD	30,000		713
NOLIN RECC	Month	20,700	0.02375	492
	YTD	231,800		5,507
OWEN EC	Month	175,700	0.02375	4,173
	YTD	2,134,300		50,689

**EAST KENTUCKY POWER COOPERATIVE INC.**  
**Wholesale Power Accounting**  
**Green Power Billing Summary**

November 2014

CO-OP Name/EKPC		KWH	KWH Charge	Revenue
SALT RIVER RECC	Month	47,100	0.02375	1,119
	YTD	520,800		12,370
SHELBY ENERGY COOP	Month	13,500	0.02375	321
	YTD	148,500		3,531
SOUTH KENTUCKY RECC	Month	18,600	0.02375	442
	YTD	204,600		4,862
EKPC Subtotals	Month	338,200	0.02375	8,034
	YTD	3,950,200		93,833
Totals	Month	338,200	0.02375	8,034
	YTD	3,950,200		93,833

EAST KENTUCKY POWER COOPERATIVE  
Wholesale Power Accounting  
Direct Load

November 2014

CO-OP Name		KW	DLC Demand Charge	DLC Credit	DLC Demand Surcharge	Total Revenue
BIG SANDY RECC						
	Month	0	0	-1,374	-214	-1,588
	YTD	0	0	-15,017	-1,940	-16,957
BLUE GRASS ENERGY						
	Month	0	0	-17,069	-2,658	-19,727
	YTD	0	0	-194,074	-25,051	-219,125
CLARK ENERGY COOP						
	Month	0	0	-1,360	-212	-1,572
	YTD	0	0	-14,495	-1,876	-16,371
CUMBERLAND VALLEY ELECTRIC						
	Month	0	0	-2,319	-361	-2,680
	YTD	0	0	-25,078	-3,239	-28,317
FARMERS RECC						
	Month	0	0	-4,895	-762	-5,657
	YTD	0	0	-55,393	-7,189	-62,582
FLEMING MASON RECC						
	Month	0	0	-181	-28	-209
	YTD	0	0	-477	-67	-544
GRAYSON RECC						
	Month	0	0	-1,921	-289	-2,220
	YTD	0	0	-19,673	-2,560	-22,233
INTER-COUNTY ECC						
	Month	0	0	-5,409	-842	-6,251
	YTD	0	0	-57,695	-7,470	-65,165
JACKSON ENERGY COOP						
	Month	0	0	-1,618	-252	-1,870
	YTD	0	0	-18,288	-2,359	-20,647
LICKING VALLEY RECC						
	Month	0	0	-842	-131	-973

EAST KENTUCKY POWER COOPERATIVE  
Wholesale Power Accounting  
Direct Load

November 2014

CO-OP Name		KW	DLC Demand Charge	DLC Credit	DLC Demand Surcharge	Total Revenue
	YTD	0	0	-9,907	-1,279	-11,186
NOLIN RECC						
	Month	0	0	-5,353	-833	-6,186
	YTD	0	0	-55,615	-7,272	-62,887
OWEN EC						
	Month	0	0	-14,726	-2,293	-17,019
	YTD	0	0	-160,051	-20,725	-180,776
SALT RIVER RECC						
	Month	0	0	-5,794	-902	-6,696
	YTD	0	0	-63,849	-8,258	-72,107
SHELBY ENERGY COOP						
	Month	0	0	-3,454	-538	-3,992
	YTD	0	0	-38,712	-5,002	-43,714
SOUTH KENTUCKY RECC						
	Month	0	0	-10,082	-1,570	-11,652
	YTD	0	0	-103,165	-13,483	-116,648
TAYLOR COUNTY RECC						
	Month	0	0	-420	-65	-485
	YTD	0	0	-4,936	-634	-5,570
	Month	0	0	-78,817	-11,960	-88,777
Totals:	YTD	0	0	-836,425	-108,404	-944,829

Wholesale Power Accounting  
CO-OP Totals Billing Summary - CP Tariff

2014

December

CO-OP Name/EKPC		KW	KWH	Base Mills/KWH	Fuel Charge	Fuel Mills/KWH	Surcharge	Surcharge Mills/KWH	Revenue
BIG SANDY RECC	Month	53,608	24,771,048	62.62	-19,815	61.82	259,572	72.30	1,790,977
	YTD	612,494	259,080,265	64.44	189,337	65.17	2,245,131	73.84	19,129,309
BLUE GRASS ENERGY	Month	259,093	129,308,458	60.68	-103,450	59.88	1,312,460	70.03	9,055,602
	YTD	3,147,169	1,398,378,224	62.44	1,154,157	63.27	11,810,469	71.71	100,281,035
CLARK ENERGY COOP	Month	90,984	44,849,327	62.30	-35,879	61.50	467,523	71.92	3,225,776
	YTD	1,091,274	464,367,752	64.94	350,300	65.70	4,069,416	74.46	34,577,603
CUMBERLAND VALLEY ELECTRIC	Month	102,515	47,401,248	62.78	-37,919	61.98	497,956	72.48	3,435,745
	YTD	1,112,060	498,106,950	63.84	381,823	64.61	4,301,665	73.25	36,484,698
FARMERS RECC	Month	98,060	49,324,403	61.08	-39,460	60.28	503,952	70.50	3,477,134
	YTD	1,154,941	545,171,741	62.21	470,415	63.07	4,608,187	71.52	38,991,934
FLEMING MASON RECC	Month	166,523	88,519,117	55.78	-63,057	55.07	800,780	64.12	5,675,754
	YTD	1,993,988	958,270,888	57.38	781,387	58.20	7,239,000	65.75	63,006,710
GRAYSON RECC	Month	50,873	25,712,555	61.64	-20,569	60.84	265,155	71.15	1,829,489
	YTD	626,134	270,186,693	64.35	211,325	65.13	2,347,712	73.82	19,945,620
INTER-COUNTY ECC	Month	101,066	47,585,738	62.07	-37,981	61.27	494,231	71.66	3,410,036
	YTD	1,177,265	487,468,438	64.34	358,556	65.07	4,226,285	73.74	35,947,563
JACKSON ENERGY COOP	Month	201,343	92,662,869	62.55	-74,132	61.75	969,941	72.22	6,692,311
	YTD	2,232,828	963,810,517	63.96	716,192	64.70	8,313,164	73.33	70,673,901
LICKING VALLEY RECC	Month	54,838	26,614,449	62.12	-21,291	61.32	276,641	71.72	1,908,738
	YTD	630,027	277,479,003	64.04	210,335	64.80	2,398,869	73.44	20,378,358
NOLIN RECC	Month	153,445	74,162,512	60.57	-59,331	59.77	751,372	69.90	5,184,257
	YTD	1,855,916	820,106,323	62.08	691,253	62.92	6,897,935	71.33	58,498,179
OWEN EC	Month	364,252	204,121,477	52.49	-163,298	51.69	1,788,267	60.45	12,338,529
	YTD	4,645,505	2,339,180,734	54.27	2,212,447	55.21	17,091,486	62.52	146,247,621
SALT RIVER RECC	Month	205,979	108,110,026	60.63	-86,487	59.83	1,096,292	69.97	7,564,096
	YTD	2,657,691	1,196,920,394	62.94	1,073,611	63.84	10,260,640	72.41	86,671,768
SHELBY ENERGY COOP	Month	83,950	44,683,999	59.72	-35,613	58.92	446,287	68.91	3,079,253
	YTD	1,055,742	500,624,685	61.33	438,869	62.21	4,162,645	70.52	35,304,761
SOUTH KENTUCKY RECC	Month	284,543	129,576,003	62.36	-103,426	61.56	1,352,011	71.99	9,328,487
	YTD	3,219,010	1,374,317,307	63.78	1,065,404	64.55	11,837,177	73.17	100,554,832
TAYLOR COUNTY RECC	Month	109,844	51,643,263	59.97	-37,364	59.24	504,426	69.01	3,563,979
	YTD	1,304,107	536,643,627	62.63	406,966	63.39	4,468,077	71.71	38,483,923
CO-OP Subtotals	Month	2,380,916	1,189,046,492	59.47	-939,072	58.68	11,786,866	68.59	81,560,163
	YTD	28,516,151	12,890,113,541	61.15	10,712,377	61.98	106,277,858	70.22	905,177,815

## EAST KENTUCKY POWER COOPERATIVE INC.

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Wholesale Power Accounting  
CO-OP Totals Billing Summary - CP Tariff

2014

		December							
CO-OP Name/EKPC		KW	KWH	Base Mills/KWH	Fuel Charge	Fuel Mills/KWH	Surcharge	Surcharge Mills/KWH	Revenue
Inland Steam	Month	36,629	22,040,635	48.19	-17,527	47.39	180,591	55.59	1,225,191
	YTD	441,091	237,114,072	48.93	226,177	49.88	1,610,764	56.68	13,438,689
Totals	Month	2,417,545	1,211,087,127	59.26	-956,599	58.47	11,967,457	68.36	82,785,354
	YTD	28,957,242	13,127,227,613	60.93	10,938,554	61.76	107,888,622	69.98	918,616,504
Burnside	Month	228	111,721	61.11	-89	60.31	1,142	70.53	7,880
	YTD	1,713	751,516	63.02	134	63.20	6,239	71.50	53,736
East Ky Office	Month	977	632,844	57.13	-507	56.33	6,042	65.88	41,691
	YTD	11,678	6,901,854	58.34	5,788	59.18	53,840	66.98	462,272
Smith Contruction	Month	124	58,167	61.84	-47	61.03	602	71.38	4,152
	YTD	1,086	592,624	59.46	474	60.26	4,747	68.27	40,456
EKPC Subtotals	Month	1,329	802,732	58.03	-643	57.23	7,786	66.93	53,723
	YTD	14,477	8,245,794	58.85	6,396	59.62	64,826	67.48	556,464
Totals	Month	2,418,874	1,211,889,859	59.26	-957,242	58.47	11,975,243	68.36	82,839,077
	YTD	28,971,719	13,135,473,407	60.92	10,944,950	61.76	107,953,448	69.98	919,172,968

**EAST KENTUCKY POWER COOPERATIVE INC.**  
**Wholesale Power Accounting**  
**Green Power Billing Summary**

December 2014

CO-OP Name/EKPC		KWH	KWH Charge	Revenue
BIG SANDY RECC	Month	5,800	0.02375	138
	YTD	69,600		1,656
BLUE GRASS ENERGY	Month	22,200	0.02375	527
	YTD	269,500		6,401
CLARK ENERGY COOP	Month	3,200	0.02375	76
	YTD	38,400		912
CUMBERLAND VALLEY ELECTRIC	Month	2,300	0.02375	55
	YTD	27,600		660
FARMERS RECC	Month	1,600	0.02375	38
	YTD	19,900		470
FLEMING MASON RECC	Month	3,100	0.02375	74
	YTD	37,200		888
GRAYSON RECC	Month	6,500	0.02375	154
	YTD	81,600		1,936
INTER-COUNTY ECC	Month	5,400	0.02375	128
	YTD	66,500		1,578
JACKSON ENERGY COOP	Month	9,700	0.02375	230
	YTD	129,700		3,080
LICKING VALLEY RECC	Month	2,700	0.02375	64
	YTD	32,700		777
NOLIN RECC	Month	20,500	0.02375	487
	YTD	252,300		5,994

EAST KENTUCKY POWER COOPERATIVE INC.  
Wholesale Power Accounting  
Green Power Billing Summary

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December 2014

CO-OP Name/EKPC		KWH	KWH Charge	Revenue
OWEN EC	Month	175,400	0.02375	4,166
	YTD	2,309,700		54,855
SALT RIVER RECC	Month	47,200	0.02375	1,121
	YTD	568,000		13,491
SHELBY ENERGY COOP	Month	13,500	0.02375	321
	YTD	162,000		3,852
SOUTH KENTUCKY RECC	Month	18,600	0.02375	442
	YTD	223,200		5,304
EKPC Subtotals	Month	337,700	0.02375	8,021
	YTD	4,287,900		101,854
Totals	Month	337,700	0.02375	8,021
	YTD	4,287,900		101,854

EAST KENTUCKY POWER COOPERATIVE  
Wholesale Power Accounting  
Direct Load

December 2014

CO-OP Name		KW	DLC Demand Charge	DLC Credit	DLC Demand Surcharge	Total Revenue
BIG SANDY RECC						
	Month	0	0	-1,374	-233	-1,607
	YTD	0	0	-16,391	-2,173	-18,564
BLUE GRASS ENERGY						
	Month	0	0	-17,592	-2,982	-20,574
	YTD	0	0	-211,666	-28,033	-239,699
CLARK ENERGY COOP						
	Month	0	0	-1,361	-231	-1,592
	YTD	0	0	-15,858	-2,107	-17,963
CUMBERLAND VALLEY ELECTRIC						
	Month	0	0	-2,320	-393	-2,713
	YTD	0	0	-27,398	-3,632	-31,030
FARMERS RECC						
	Month	0	0	-4,891	-829	-5,720
	YTD	0	0	-60,284	-8,018	-68,302
FLEMING MASON RECC						
	Month	0	0	-222	-38	-260
	YTD	0	0	-699	-105	-804
GRAYSON RECC						
	Month	0	0	-1,926	-326	-2,252
	YTD	0	0	-21,599	-2,886	-24,485
INTER-COUNTY ECC						
	Month	0	0	-5,447	-923	-6,370
	YTD	0	0	-63,142	-8,393	-71,535
JACKSON ENERGY COOP						
	Month	0	0	-1,618	-274	-1,892
	YTD	0	0	-19,906	-2,633	-22,539
LICKING VALLEY RECC						
	Month	0	0	-849	-144	-993

EAST KENTUCKY POWER COOPERATIVE  
Wholesale Power Accounting  
Direct Load

December 2014

CO-OP Name		KW	DLC Demand Charge	DLC Credit	DLC Demand Surcharge	Total Revenue
	YTD	0	0	-10,756	-1,423	-12,179
NOLIN RECC						
	Month	0	0	-5,369	-910	-6,279
	YTD	0	0	-60,984	-8,182	-69,166
OWEN EC						
	Month	0	0	-14,748	-2,500	-17,248
	YTD	0	0	-174,799	-23,225	-198,024
SALT RIVER RECC						
	Month	0	0	-5,939	-1,007	-6,946
	YTD	0	0	-69,788	-9,265	-79,053
SHELBY ENERGY COOP						
	Month	0	0	-3,452	-585	-4,037
	YTD	0	0	-42,164	-5,587	-47,751
SOUTH KENTUCKY RECC						
	Month	0	0	-10,241	-1,736	-11,977
	YTD	0	0	-113,406	-15,219	-128,625
TAYLOR COUNTY RECC						
	Month	0	0	-420	-71	-491
	YTD	0	0	-5,356	-705	-6,061
	Month	0	0	-77,769	-13,182	-90,951
Totals:	YTD	0	0	-914,194	-121,586	-1,035,780

**EAST KENTUCKY POWER COOPERATIVE INC.**  
**Wholesale Power Accounting**  
**CO-OP Totals Billing Summary - CP Tariff**

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2015

		January							
CO-OP Name/EKPC		KW	KWH	Base Mills/KWH	Fuel Charge	Fuel Mills/KWH	Surcharge	Surcharge Mills/KWH	Revenue
BIG SANDY RECC	Month	73,033	29,947,936	64.02	-99,128	60.71	252,368	69.14	2,070,582
	YTD	73,033	29,947,936	64.02	-99,128	60.71	252,368	69.14	2,070,582
BLUE GRASS ENERGY	Month	370,400	150,500,614	63.34	-498,158	60.03	1,254,092	68.37	10,289,334
	YTD	370,400	150,500,614	63.34	-498,158	60.03	1,254,092	68.37	10,289,334
CLARK ENERGY COOP	Month	130,490	53,977,474	64.30	-178,665	60.99	456,919	69.45	3,748,855
	YTD	130,490	53,977,474	64.30	-178,665	60.99	456,919	69.45	3,748,855
CUMBERLAND VALLEY ELECTRIC	Month	138,722	56,218,136	64.35	-186,080	61.04	476,284	69.51	3,907,726
	YTD	138,722	56,218,136	64.35	-186,080	61.04	476,284	69.51	3,907,726
FARMERS RECC	Month	136,479	56,987,758	63.36	-188,630	60.05	474,965	68.38	3,896,902
	YTD	136,479	56,987,758	63.36	-188,630	60.05	474,965	68.38	3,896,902
FLEMING MASON RECC	Month	203,866	99,830,641	57.34	-296,423	54.37	730,320	61.69	6,158,239
	YTD	203,866	99,830,641	57.34	-296,423	54.37	730,320	61.69	6,158,239
GRAYSON RECC	Month	70,426	30,707,957	63.26	-101,643	59.95	255,503	68.27	2,096,304
	YTD	70,426	30,707,957	63.26	-101,643	59.95	255,503	68.27	2,096,304
INTER-COUNTY ECC	Month	148,245	56,929,575	64.77	-188,270	61.46	485,678	70.00	3,984,802
	YTD	148,245	56,929,575	64.77	-188,270	61.46	485,678	70.00	3,984,802
JACKSON ENERGY COOP	Month	281,991	111,189,874	64.50	-368,038	61.19	944,423	69.69	7,748,629
	YTD	281,991	111,189,874	64.50	-368,038	61.19	944,423	69.69	7,748,629
LICKING VALLEY RECC	Month	72,375	31,303,644	63.39	-103,616	60.08	261,047	68.42	2,141,799
	YTD	72,375	31,303,644	63.39	-103,616	60.08	261,047	68.42	2,141,799
NOLIN RECC	Month	222,472	87,221,477	63.37	-288,701	60.06	727,095	68.40	5,965,541
	YTD	222,472	87,221,477	63.37	-288,701	60.06	727,095	68.40	5,965,541
OWEN EC	Month	445,266	200,661,611	53.95	-624,608	50.84	1,397,258	57.80	11,598,385
	YTD	445,266	200,661,611	53.95	-624,608	50.84	1,397,258	57.80	11,598,385
SALT RIVER RECC	Month	290,183	123,864,812	63.09	-409,992	59.78	1,027,753	68.08	8,432,306
	YTD	290,183	123,864,812	63.09	-409,992	59.78	1,027,753	68.08	8,432,306
SHELBY ENERGY COOP	Month	114,146	50,909,553	61.87	-168,511	58.56	413,806	66.69	3,395,114
	YTD	114,146	50,909,553	61.87	-168,511	58.56	413,806	66.69	3,395,114
SOUTH KENTUCKY RECC	Month	423,301	156,209,460	65.31	-516,567	62.00	1,344,307	70.61	11,029,508
	YTD	423,301	156,209,460	65.31	-516,567	62.00	1,344,307	70.61	11,029,508
TAYLOR COUNTY RECC	Month	155,682	60,110,394	63.13	-182,220	60.10	489,842	68.25	4,102,434
	YTD	155,682	60,110,394	63.13	-182,220	60.10	489,842	68.25	4,102,434
CO-OP Subtotals	Month	3,277,077	1,356,570,916	61.90	-4,399,250	58.66	10,991,660	66.76	90,566,460
	YTD	3,277,077	1,356,570,916	61.90	-4,399,250	58.66	10,991,660	66.76	90,566,460

## EAST KENTUCKY POWER COOPERATIVE INC.

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Wholesale Power Accounting  
CO-OP Totals Billing Summary - CP Tariff

2015

January

CO-OP Name/EKPC		KW	KWH	Base Mills/KWH	Fuel Charge	Fuel Mills/KWH	Surcharge	Surcharge Mills/KWH	Revenue
Inland Steam	Month	38,906	22,197,126	48.51	-72,885	45.22	142,218	51.63	1,146,011
	YTD	38,906	22,197,126	48.51	-72,885	45.22	142,218	51.63	1,146,011
<b>Totals</b>	Month	3,315,983	1,378,768,042	61.69	-4,472,135	58.44	11,133,878	66.52	91,712,471
	YTD	3,315,983	1,378,768,042	61.69	-4,472,135	58.44	11,133,878	66.52	91,712,471
Burnside	Month	287	125,834	63.02	-417	59.71	1,043	67.99	8,556
	YTD	287	125,834	63.02	-417	59.71	1,043	67.99	8,556
East Ky Office	Month	1,403	742,438	59.90	-2,458	56.59	5,831	64.44	47,844
	YTD	1,403	742,438	59.90	-2,458	56.59	5,831	64.44	47,844
Smith Contruction	Month	135	65,749	61.20	-218	57.89	528	65.92	4,334
	YTD	135	65,749	61.20	-218	57.89	528	65.92	4,334
<b>EKPC Subtotals</b>	Month	1,825	934,021	60.41	-3,093	57.10	7,402	65.02	60,734
	YTD	1,825	934,021	60.41	-3,093	57.10	7,402	65.02	60,734
<b>Totals</b>	Month	3,317,808	1,379,702,063	61.69	-4,475,228	58.44	11,141,280	66.52	91,773,205
	YTD	3,317,808	1,379,702,063	61.69	-4,475,228	58.44	11,141,280	66.52	91,773,205

**EAST KENTUCKY POWER COOPERATIVE INC.**  
**Wholesale Power Accounting**  
**Green Power Billing Summary**

January 2015

CO-OP Name/EKPC		KWH	KWH Charge	Revenue
BIG SANDY RECC	Month	5,800	0.02375	138
	YTD	5,800		138
BLUE GRASS ENERGY	Month	22,200	0.02375	527
	YTD	22,200		527
CLARK ENERGY COOP	Month	3,200	0.02375	76
	YTD	3,200		76
CUMBERLAND VALLEY ELECTRIC	Month	2,300	0.02375	55
	YTD	2,300		55
FARMERS RECC	Month	1,600	0.02375	38
	YTD	1,600		38
FLEMING MASON RECC	Month	3,100	0.02375	74
	YTD	3,100		74
GRAYSON RECC	Month	6,500	0.02375	154
	YTD	6,500		154
INTER-COUNTY ECC	Month	5,400	0.02375	128
	YTD	5,400		128
JACKSON ENERGY COOP	Month	9,700	0.02375	230
	YTD	9,700		230
LICKING VALLEY RECC	Month	2,600	0.02375	62
	YTD	2,600		62
NOLIN RECC	Month	20,500	0.02375	487
	YTD	20,500		487
OWEN EC	Month	175,500	0.02375	4,168
	YTD	175,500		4,168
SALT RIVER RECC	Month	47,000	0.02375	1,116
	YTD	47,000		1,116
SHELBY ENERGY COOP	Month	11,300	0.02375	268
	YTD	11,300		268
SOUTH KENTUCKY RECC	Month	18,600	0.02375	442
	YTD	18,600		442
<b>EKPC Subtotals</b>	Month	<b>335,300</b>	<b>0.02375</b>	<b>7,963</b>
	YTD	<b>335,300</b>		<b>7,963</b>
<b>Totals</b>	Month	<b>335,300</b>	<b>0.02375</b>	<b>7,963</b>
	YTD	<b>335,300</b>		<b>7,963</b>

EAST KENTUCKY POWER COOPERATIVE  
Wholesale Power Accounting  
Direct Load

January 2015

CO-OP Name		KW	DLC Demand Charge	DLC Credit	DLC Demand Surcharge	Total Revenue
BIG SANDY RECC						
	Month	0	0	-1,378	-191	-1,569
	YTD	0	0	-1,378	-191	-1,569
BLUE GRASS ENERGY						
	Month	0	0	-18,259	-2,534	-20,793
	YTD	0	0	-18,259	-2,534	-20,793
CLARK ENERGY COOP						
	Month	0	0	-1,361	-189	-1,550
	YTD	0	0	-1,361	-189	-1,550
CUMBERLAND VALLEY ELECTRIC						
	Month	0	0	-2,332	-324	-2,656
	YTD	0	0	-2,332	-324	-2,656
FARMERS RECC						
	Month	0	0	-4,891	-679	-5,570
	YTD	0	0	-4,891	-679	-5,570
FLEMING MASON RECC						
	Month	0	0	-270	-37	-307
	YTD	0	0	-270	-37	-307
GRAYSON RECC						
	Month	0	0	-1,926	-267	-2,193
	YTD	0	0	-1,926	-267	-2,193
INTER-COUNTY ECC						
	Month	0	0	-5,453	-757	-6,210
	YTD	0	0	-5,453	-757	-6,210
JACKSON ENERGY COOP						
	Month	0	0	-1,622	-225	-1,847
	YTD	0	0	-1,622	-225	-1,847
LICKING VALLEY RECC						
	Month	0	0	-849	-118	-967

EAST KENTUCKY POWER COOPERATIVE  
Wholesale Power Accounting  
Direct Load

January 2015

CO-OP Name		KW	DLC Demand Charge	DLC Credit	DLC Demand Surcharge	Total Revenue
	YTD	0	0	-849	-118	-967
NOLIN RECC						
	Month	0	0	-5,357	-744	-6,101
	YTD	0	0	-5,357	-744	-6,101
OWEN EC						
	Month	0	0	-14,798	-2,054	-16,852
	YTD	0	0	-14,798	-2,054	-16,852
SALT RIVER RECC						
	Month	0	0	-6,098	-846	-6,944
	YTD	0	0	-6,098	-846	-6,944
SHELBY ENERGY COOP						
	Month	0	0	-3,459	-480	-3,939
	YTD	0	0	-3,459	-480	-3,939
SOUTH KENTUCKY RECC						
	Month	0	0	-10,384	-1,441	-11,825
	YTD	0	0	-10,384	-1,441	-11,825
TAYLOR COUNTY RECC						
	Month	0	0	-474	-66	-540
	YTD	0	0	-474	-66	-540
	Month	0	0	-78,911	-10,952	-89,863
Totals:	YTD	0	0	-78,911	-10,952	-89,863

Wholesale Power Accounting  
CO-OP Totals Billing Summary - CP Tariff

2015

February

CO-OP Name/EKPC		KW	KWH	Base Mills/KWH	Fuel Charge	Fuel Mills/KWH	Surcharge	Surcharge Mills/KWH	Revenue
BIG SANDY RECC	Month	89,632	30,679,811	66.87	-91,426	63.89	267,937	72.62	2,227,970
	YTD	162,665	60,627,747	65.46	-190,554	62.32	520,305	70.90	4,298,552
BLUE GRASS ENERGY	Month	416,393	154,283,755	64.80	-459,767	61.82	1,303,839	70.27	10,841,791
	YTD	786,793	304,784,369	64.08	-957,925	60.94	2,557,931	69.33	21,131,125
CLARK ENERGY COOP	Month	153,986	55,323,198	66.42	-164,866	63.44	479,781	72.11	3,989,516
	YTD	284,476	109,300,672	65.37	-343,531	62.23	936,700	70.80	7,738,371
CUMBERLAND VALLEY ELECTRIC	Month	158,265	56,874,596	66.20	-169,487	63.22	491,511	71.86	4,087,064
	YTD	296,987	113,092,732	65.28	-355,567	62.13	967,795	70.69	7,994,790
FARMERS RECC	Month	139,431	57,060,118	63.64	-170,041	60.66	473,173	68.95	3,934,566
	YTD	275,910	114,047,876	63.50	-358,671	60.35	948,138	68.67	7,831,468
FLEMING MASON RECC	Month	220,935	94,032,025	59.98	-256,706	57.25	710,619	64.80	6,093,705
	YTD	424,801	193,862,666	58.62	-553,129	55.77	1,440,939	63.20	12,251,944
GRAYSON RECC	Month	85,194	30,858,196	66.08	-91,957	63.10	266,169	71.72	2,213,292
	YTD	155,620	61,566,153	64.67	-193,600	61.53	521,672	70.00	4,309,596
INTER-COUNTY ECC	Month	172,045	59,432,021	66.41	-176,834	63.44	515,403	72.11	4,285,717
	YTD	320,290	116,361,596	65.61	-365,104	62.47	1,001,081	71.08	8,270,519
JACKSON ENERGY COOP	Month	328,007	113,861,063	66.54	-339,308	63.56	989,359	72.25	8,226,825
	YTD	609,998	225,050,937	65.54	-707,346	62.39	1,933,782	70.99	15,975,454
LICKING VALLEY RECC	Month	88,568	31,466,688	66.38	-93,770	63.40	272,732	72.07	2,267,840
	YTD	160,943	62,770,332	64.89	-197,386	61.75	533,779	70.25	4,409,639
NOLIN RECC	Month	216,171	87,478,227	62.95	-260,686	59.97	717,161	68.17	5,963,397
	YTD	438,643	174,699,704	63.16	-549,387	60.02	1,444,256	68.28	11,928,938
OWEN EC	Month	437,921	188,620,375	56.99	-537,214	54.14	1,348,767	61.29	11,560,693
	YTD	883,187	389,281,986	55.42	-1,161,822	52.44	2,746,025	59.49	23,159,078
SALT RIVER RECC	Month	315,326	122,797,076	64.44	-365,933	61.46	1,031,697	69.86	8,578,873
	YTD	605,509	246,661,888	63.76	-775,925	60.62	2,059,450	68.97	17,011,179
SHELBY ENERGY COOP	Month	122,500	50,449,345	63.10	-150,339	60.12	414,601	68.34	3,447,516
	YTD	236,646	101,358,898	62.48	-318,850	59.34	828,407	67.51	6,842,630
SOUTH KENTUCKY RECC	Month	464,538	161,324,030	66.22	-478,753	63.25	1,394,798	71.89	11,598,123
	YTD	887,839	317,533,490	65.77	-995,320	62.63	2,739,105	71.26	22,627,631
TAYLOR COUNTY RECC	Month	166,000	59,969,133	64.78	-168,176	61.98	496,565	70.26	4,213,442
	YTD	321,682	120,079,527	63.96	-350,396	61.04	986,407	69.25	8,315,876
CO-OP Subtotals	Month	3,574,912	1,354,509,657	63.74	-3,975,263	60.80	11,174,112	69.05	93,530,330
	YTD	6,851,989	2,711,080,573	62.82	-8,374,513	59.73	22,165,772	67.91	184,096,790

Wholesale Power Accounting  
CO-OP Totals Billing Summary - CP Tariff

2015

		February							
CO-OP Name/EKPC		KW	KWH	Base Mills/KWH	Fuel Charge	Fuel Mills/KWH	Surcharge	Surcharge Mills/KWH	Revenue
Inland Steam	Month	36,602	19,363,404	49.14	-57,299	46.18	125,095	52.64	1,019,372
	YTD	75,508	41,560,530	48.80	-130,184	45.67	267,313	52.10	2,165,383
Totals	Month	3,611,514	1,373,873,061	63.53	-4,032,562	60.60	11,299,207	68.82	94,549,702
	YTD	6,927,497	2,752,641,103	62.61	-8,504,697	59.52	22,433,085	67.67	186,262,173
Burnside	Month	311	131,401	63.71	-392	60.72	1,091	69.03	9,070
	YTD	598	257,235	63.37	-809	60.23	2,134	68.52	17,626
East Ky Office	Month	1,465	709,878	61.29	-2,115	58.31	5,658	66.28	47,050
	YTD	2,868	1,452,316	60.58	-4,573	57.43	11,489	65.34	94,894
Smith Contruction	Month	158	66,697	63.71	-199	60.72	554	69.03	4,604
	YTD	293	132,446	62.46	-417	59.31	1,082	67.48	8,938
EKPC Subtotals	Month	1,934	907,976	61.82	-2,706	58.84	7,303	66.88	60,724
	YTD	3,759	1,841,997	61.10	-5,799	57.96	14,705	65.94	121,458
Totals	Month	3,613,448	1,374,781,037	63.53	-4,035,268	60.59	11,306,510	68.82	94,610,426
	YTD	6,931,256	2,754,483,100	62.61	-8,510,496	59.52	22,447,790	67.67	186,383,631

**EAST KENTUCKY POWER COOPERATIVE INC.**  
**Wholesale Power Accounting**  
**Green Power Billing Summary**

February 2015

CO-OP Name/EKPC		KWH	KWH Charge	Revenue
BIG SANDY RECC	Month	5,800	0.02375	138
	YTD	11,600		276
BLUE GRASS ENERGY	Month	22,000	0.02375	523
	YTD	44,200		1,050
CLARK ENERGY COOP	Month	3,200	0.02375	76
	YTD	6,400		152
CUMBERLAND VALLEY ELECTRIC	Month	2,300	0.02375	55
	YTD	4,600		110
FARMERS RECC	Month	1,600	0.02375	38
	YTD	3,200		76
FLEMING MASON RECC	Month	3,100	0.02375	74
	YTD	6,200		148
GRAYSON RECC	Month	6,500	0.02375	154
	YTD	13,000		308
INTER-COUNTY ECC	Month	5,400	0.02375	128
	YTD	10,800		256
JACKSON ENERGY COOP	Month	9,500	0.02375	226
	YTD	19,200		456
LICKING VALLEY RECC	Month	2,600	0.02375	62
	YTD	5,200		124
NOLIN RECC	Month	20,100	0.02375	477
	YTD	40,600		964
OWEN EC	Month	175,300	0.02375	4,163
	YTD	350,800		8,331
SALT RIVER RECC	Month	47,000	0.02375	1,116
	YTD	94,000		2,232
SHELBY ENERGY COOP	Month	11,300	0.02375	268
	YTD	22,600		536
SOUTH KENTUCKY RECC	Month	18,600	0.02375	442
	YTD	37,200		884
<b>EKPC Subtotals</b>	Month	334,300	0.02375	7,940
	YTD	669,600		15,903
<b>Totals</b>	Month	334,300	0.02375	7,940
	YTD	669,600		15,903

EAST KENTUCKY POWER COOPERATIVE  
Wholesale Power Accounting  
Direct Load

February 2015

CO-OP Name		KW	DLC Demand Charge	DLC Credit	DLC Demand Surcharge	Total Revenue
BIG SANDY RECC						
	Month	0	0	-1,378	-188	-1,566
	YTD	0	0	-2,756	-379	-3,135
BLUE GRASS ENERGY						
	Month	0	0	-18,370	-2,511	-20,881
	YTD	0	0	-36,629	-5,045	-41,674
CLARK ENERGY COOP						
	Month	0	0	-1,380	-189	-1,569
	YTD	0	0	-2,741	-378	-3,119
CUMBERLAND VALLEY ELECTRIC						
	Month	0	0	-2,363	-323	-2,686
	YTD	0	0	-4,695	-647	-5,342
FARMERS RECC						
	Month	0	0	-4,953	-677	-5,630
	YTD	0	0	-9,844	-1,356	-11,200
FLEMING MASON RECC						
	Month	0	0	-394	-54	-448
	YTD	0	0	-664	-91	-755
GRAYSON RECC						
	Month	0	0	-1,926	-263	-2,189
	YTD	0	0	-3,852	-530	-4,382
INTER-COUNTY ECC						
	Month	0	0	-5,445	-744	-6,189
	YTD	0	0	-10,898	-1,501	-12,399
JACKSON ENERGY COOP						
	Month	0	0	-1,642	-224	-1,866
	YTD	0	0	-3,264	-449	-3,713
LICKING VALLEY RECC						
	Month	0	0	-849	-116	-965

EAST KENTUCKY POWER COOPERATIVE  
Wholesale Power Accounting  
Direct Load

February 2015

CO-OP Name		KW	DLC Demand Charge	DLC Credit	DLC Demand Surcharge	Total Revenue
	YTD	0	0	-1,698	-234	-1,932
NOLIN RECC						
	Month	0	0	-5,357	-732	-6,089
	YTD	0	0	-10,714	-1,476	-12,190
OWEN EC						
	Month	0	0	-11,140	-1,523	-12,663
	YTD	0	0	-25,938	-3,577	-29,515
SALT RIVER RECC						
	Month	0	0	-6,329	-865	-7,194
	YTD	0	0	-12,427	-1,711	-14,138
SHELBY ENERGY COOP						
	Month	0	0	-3,503	-479	-3,982
	YTD	0	0	-6,962	-959	-7,921
SOUTH KENTUCKY RECC						
	Month	0	0	-10,446	-1,428	-11,874
	YTD	0	0	-20,830	-2,869	-23,699
TAYLOR COUNTY RECC						
	Month	0	0	-618	-84	-702
	YTD	0	0	-1,092	-150	-1,242
	Month	0	0	-76,093	-10,400	-86,493
Totals:	YTD	0	0	-155,004	-21,352	-176,356

## EAST KENTUCKY POWER COOPERATIVE INC.

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Wholesale Power Accounting  
CO-OP Totals Billing Summary - CP Tariff

2015

March

CO-OP Name/EKPC		KW	KWH	Base Mills/KWH	Fuel Charge	Fuel Mills/KWH	Surcharge	Surcharge Mills/KWH	Revenue
BIG SANDY RECC	Month	66,884	21,880,398	68.10	-88,832	64.04	161,008	71.40	1,562,297
	YTD	229,549	82,508,145	66.16	-279,386	62.78	681,313	71.03	5,860,849
BLUE GRASS ENERGY	Month	340,889	118,963,245	65.73	-482,990	61.67	842,927	68.75	8,179,098
	YTD	1,127,682	423,747,614	64.54	-1,440,915	61.14	3,400,858	69.17	29,310,223
CLARK ENERGY COOP	Month	123,365	41,345,088	68.13	-167,860	64.07	304,354	71.43	2,953,224
	YTD	407,841	150,645,760	66.13	-511,391	62.73	1,241,054	70.97	10,691,595
CUMBERLAND VALLEY ELECTRIC	Month	125,199	42,293,677	67.69	-171,712	63.63	309,221	70.94	3,000,442
	YTD	422,186	155,386,409	65.94	-527,279	62.54	1,277,016	70.76	10,995,232
FARMERS RECC	Month	116,774	45,163,203	64.71	-183,362	60.65	314,749	67.62	3,054,077
	YTD	392,684	159,211,079	63.84	-542,033	60.44	1,262,887	68.37	10,885,545
FLEMING MASON RECC	Month	192,448	82,082,587	59.00	-312,281	55.20	508,749	61.39	5,039,317
	YTD	617,249	275,945,253	58.73	-865,410	55.60	1,949,688	62.66	17,291,261
GRAYSON RECC	Month	60,471	23,245,192	65.51	-94,376	61.45	164,122	68.51	1,592,527
	YTD	216,091	84,811,345	64.90	-287,976	61.51	685,794	69.59	5,902,123
INTER-COUNTY ECC	Month	137,827	42,895,419	68.57	-173,904	64.52	317,999	71.93	3,085,620
	YTD	458,117	159,257,015	66.41	-539,008	63.02	1,319,080	71.31	11,356,139
JACKSON ENERGY COOP	Month	262,892	81,789,157	68.91	-332,065	64.85	609,463	72.30	5,913,737
	YTD	872,890	306,840,094	66.44	-1,039,411	63.05	2,543,245	71.34	21,889,191
LICKING VALLEY RECC	Month	67,383	23,501,239	67.07	-95,414	63.01	170,146	70.25	1,651,064
	YTD	228,326	86,271,571	65.49	-292,800	62.09	703,925	70.25	6,060,703
NOLIN RECC	Month	196,647	69,170,108	65.01	-280,830	60.95	484,380	67.95	4,700,066
	YTD	635,290	243,869,812	63.68	-830,217	60.28	1,928,636	68.19	16,629,004
OWEN EC	Month	398,500	184,029,714	55.19	-744,578	51.14	1,074,289	56.98	10,485,797
	YTD	1,281,687	573,311,700	55.35	-1,906,400	52.02	3,820,314	58.69	33,644,875
SALT RIVER RECC	Month	251,922	98,253,611	64.58	-398,909	60.52	683,188	67.47	6,629,109
	YTD	857,431	344,915,499	63.99	-1,174,834	60.59	2,742,638	68.54	23,640,288
SHELBY ENERGY COOP	Month	103,228	42,828,358	62.76	-173,883	58.70	288,877	65.45	2,803,034
	YTD	339,874	144,187,256	62.57	-492,733	59.15	1,117,284	66.90	9,645,664
SOUTH KENTUCKY RECC	Month	386,145	116,214,423	69.23	-471,671	65.18	870,304	72.67	8,444,726
	YTD	1,273,984	433,747,913	66.70	-1,466,991	63.32	3,609,409	71.64	31,072,357
TAYLOR COUNTY RECC	Month	140,363	47,140,644	64.86	-171,213	61.23	321,741	68.05	3,208,043
	YTD	462,045	167,220,171	64.21	-521,609	61.09	1,308,148	68.91	11,523,919
CO-OP Subtotals	Month	2,970,937	1,080,796,063	64.05	-4,343,880	60.03	7,425,517	66.90	72,302,178
	YTD	9,822,926	3,791,876,636	63.17	-12,718,393	59.81	29,591,289	67.62	256,398,968

**EAST KENTUCKY POWER COOPERATIVE INC.**  
**Wholesale Power Accounting**  
**CO-OP Totals Billing Summary - CP Tariff**

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2015

		March							
CO-OP Name/EKPC		KW	KWH	Base Mills/KWH	Fuel Charge	Fuel Mills/KWH	Surcharge	Surcharge Mills/KWH	Revenue
Inland Steam	Month	33,156	21,035,948	47.84	-84,979	43.80	108,257	48.95	1,029,612
	YTD	108,664	62,596,478	48.48	-215,163	45.04	375,570	51.04	3,194,995
<b>Totals</b>	Month	3,004,093	1,101,832,011	63.74	-4,428,859	59.72	7,533,774	66.55	73,331,790
	YTD	9,931,590	3,854,473,114	62.93	-12,933,556	59.57	29,966,859	67.35	259,593,963
Burnside	Month	219	77,076	67.50	-313	63.44	562	70.74	5,452
	YTD	817	334,311	64.32	-1,122	60.97	2,696	69.03	23,078
East Ky Office	Month	1,296	635,134	61.10	-2,579	57.04	4,163	63.59	40,391
	YTD	4,164	2,087,450	60.74	-7,152	57.31	15,652	64.81	135,285
Smith Contruction	Month	130	57,299	62.92	-233	58.85	387	65.60	3,759
	YTD	423	189,745	62.60	-650	59.17	1,469	66.92	12,697
<b>EKPC Subtotals</b>	Month	1,645	769,509	61.88	-3,125	57.82	5,112	64.46	49,602
	YTD	5,404	2,611,506	61.33	-8,924	57.91	19,817	65.50	171,060
<b>Totals</b>	Month	3,005,738	1,102,601,520	63.74	-4,431,984	59.72	7,538,886	66.55	73,381,392
	YTD	9,936,994	3,857,084,620	62.93	-12,942,480	59.57	29,986,676	67.35	259,765,023

EAST KENTUCKY POWER COOPERATIVE INC.  
Wholesale Power Accounting  
Green Power Billing Summary

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March 2015

CO-OP Name/EKPC		KWH	KWH Charge	Revenue
BIG SANDY RECC	Month	5,800	0.02375	138
	YTD	17,400		414
BLUE GRASS ENERGY	Month	22,000	0.02375	523
	YTD	66,200		1,573
CLARK ENERGY COOP	Month	3,200	0.02375	76
	YTD	9,600		228
CUMBERLAND VALLEY ELECTRIC	Month	2,300	0.02375	55
	YTD	6,900		165
FARMERS RECC	Month	1,600	0.02375	38
	YTD	4,800		114
FLEMING MASON RECC	Month	3,100	0.02375	74
	YTD	9,300		222
GRAYSON RECC	Month	6,500	0.02375	154
	YTD	19,500		462
INTER-COUNTY ECC	Month	5,400	0.02375	128
	YTD	16,200		384
JACKSON ENERGY COOP	Month	9,500	0.02375	226
	YTD	28,700		682
LICKING VALLEY RECC	Month	2,600	0.02375	62
	YTD	7,800		186
NOLIN RECC	Month	20,000	0.02375	475
	YTD	60,600		1,439
OWEN EC	Month	175,300	0.02375	4,163
	YTD	526,100		12,494
SALT RIVER RECC	Month	47,100	0.02375	1,119
	YTD	141,100		3,351
SHELBY ENERGY COOP	Month	11,300	0.02375	268
	YTD	33,900		804

EAST KENTUCKY POWER COOPERATIVE INC.  
Wholesale Power Accounting  
Green Power Billing Summary

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March 2015

CO-OP Name/EKPC		KWH	KWH Charge	Revenue
SOUTH KENTUCKY RECC	Month	18,600	0.02375	442
	YTD	55,800		1,326
EKPC Subtotals	Month	334,300	0.02375	7,941
	YTD	1,003,900		23,844
Totals	Month	334,300	0.02375	7,941
	YTD	1,003,900		23,844

EAST KENTUCKY POWER COOPERATIVE  
Wholesale Power Accounting  
Direct Load

March 2015

CO-OP Name		KW	DLC Demand Charge	DLC Credit	DLC Demand Surcharge	Total Revenue
BIG SANDY RECC						
	Month	0	0	-1,378	-158	-1,536
	YTD	0	0	-4,134	-537	-4,671
BLUE GRASS ENERGY						
	Month	0	0	-18,365	-2,110	-20,475
	YTD	0	0	-54,994	-7,155	-62,149
CLARK ENERGY COOP						
	Month	0	0	-1,380	-159	-1,539
	YTD	0	0	-4,121	-537	-4,658
CUMBERLAND VALLEY ELECTRIC						
	Month	0	0	-2,363	-272	-2,635
	YTD	0	0	-7,058	-919	-7,977
FARMERS RECC						
	Month	0	0	-5,072	-583	-5,655
	YTD	0	0	-14,916	-1,939	-16,855
FLEMING MASON RECC						
	Month	0	0	-453	-52	-505
	YTD	0	0	-1,117	-143	-1,260
GRAYSON RECC						
	Month	0	0	-1,927	-221	-2,148
	YTD	0	0	-5,779	-751	-6,530
INTER-COUNTY ECC						
	Month	0	0	-5,441	-625	-6,066
	YTD	0	0	-16,339	-2,126	-18,465
JACKSON ENERGY COOP						
	Month	0	0	-1,645	-189	-1,834
	YTD	0	0	-4,909	-638	-5,547
LICKING VALLEY RECC						
	Month	0	0	-849	-98	-947

EAST KENTUCKY POWER COOPERATIVE  
Wholesale Power Accounting  
Direct Load

March 2015

CO-OP Name		KW	DLC Demand Charge	DLC Credit	DLC Demand Surcharge	Total Revenue
	YTD	0	0	-2,547	-332	-2,879
NOLIN RECC						
	Month	0	0	-5,357	-616	-5,973
	YTD	0	0	-16,071	-2,092	-18,163
OWEN EC						
	Month	0	0	-11,158	-1,282	-12,440
	YTD	0	0	-37,096	-4,859	-41,955
SALT RIVER RECC						
	Month	0	0	-8,504	-747	-7,251
	YTD	0	0	-18,931	-2,458	-21,389
SHELBY ENERGY COOP						
	Month	0	0	-3,594	-413	-4,007
	YTD	0	0	-10,556	-1,372	-11,928
SOUTH KENTUCKY RECC						
	Month	0	0	-10,462	-1,202	-11,664
	YTD	0	0	-31,292	-4,071	-35,363
TAYLOR COUNTY RECC						
	Month	0	0	-618	-71	-689
	YTD	0	0	-1,710	-221	-1,931
	Month	0	0	-76,566	-8,798	-85,364
Totals:	YTD	0	0	-231,570	-30,150	-261,720

## EAST KENTUCKY POWER COOPERATIVE INC.

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Wholesale Power Accounting  
CO-OP Totals Billing Summary - CP Tariff

2015

		April							
CO-OP Name/EKPC		KW	KWH	Base Mills/KWH	Fuel Charge	Fuel Mills/KWH	Surcharge	Surcharge Mills/KWH	Revenue
BIG SANDY RECC	Month	38,247	15,409,329	65.27	-85,215	59.74	100,333	66.25	1,020,827
	YTD	267,796	97,917,474	66.02	-364,601	62.30	781,646	70.28	6,881,676
BLUE GRASS ENERGY	Month	188,721	89,110,672	61.35	-492,783	55.82	542,214	61.91	5,516,635
	YTD	1,316,403	512,858,286	63.99	-1,933,698	60.22	3,943,072	67.91	34,826,858
CLARK ENERGY COOP	Month	66,110	28,046,206	65.30	-155,096	59.77	182,715	66.28	1,858,991
	YTD	473,951	178,691,966	66.00	-666,487	62.27	1,423,769	70.24	12,550,586
CUMBERLAND VALLEY ELECTRIC	Month	70,877	30,637,274	64.43	-169,424	58.90	196,683	65.32	2,001,085
	YTD	493,063	186,023,683	65.69	-696,703	61.94	1,473,699	69.86	12,996,317
FARMERS RECC	Month	63,962	34,623,911	60.55	-191,470	55.02	207,661	61.02	2,112,805
	YTD	456,646	193,834,990	63.26	-733,503	59.47	1,470,548	67.06	12,998,350
FLEMING MASON RECC	Month	146,122	62,528,301	58.98	-345,721	53.45	364,284	59.28	3,706,490
	YTD	763,371	338,473,554	58.78	-1,211,131	55.20	2,313,972	62.04	20,997,751
GRAYSON RECC	Month	40,876	17,367,652	64.60	-95,992	59.07	111,820	65.51	1,137,694
	YTD	256,967	102,178,997	64.85	-383,968	61.09	797,614	68.90	7,039,817
INTER-COUNTY ECC	Month	69,322	29,200,109	63.99	-161,153	58.47	186,085	64.84	1,893,301
	YTD	527,439	188,457,124	66.03	-700,161	62.32	1,505,165	70.30	13,249,440
JACKSON ENERGY COOP	Month	135,758	57,141,360	64.44	-315,992	58.91	366,891	65.33	3,732,878
	YTD	1,008,648	363,981,454	66.12	-1,355,403	62.40	2,910,136	70.39	25,622,069
LICKING VALLEY RECC	Month	39,438	16,964,471	64.45	-93,812	58.92	108,958	65.35	1,108,579
	YTD	267,764	103,236,042	65.32	-386,612	61.57	812,883	69.45	7,169,282
NOLIN RECC	Month	107,219	51,729,544	60.36	-286,065	54.83	309,148	60.80	3,145,364
	YTD	742,509	295,599,356	63.10	-1,116,282	59.33	2,237,784	66.90	19,774,368
OWEN EC	Month	290,251	153,972,696	52.52	-851,466	46.99	788,695	52.12	8,024,424
	YTD	1,571,938	727,284,396	54.75	-2,757,866	50.96	4,609,009	57.29	41,669,299
SALT RIVER RECC	Month	148,837	75,179,205	61.32	-415,742	55.79	457,190	61.87	4,651,575
	YTD	1,006,268	420,094,704	63.52	-1,590,576	59.73	3,199,828	67.35	28,291,863
SHELBY ENERGY COOP	Month	66,861	34,359,494	59.97	-190,011	54.44	203,882	60.37	2,074,357
	YTD	406,735	178,546,750	62.07	-682,744	58.24	1,321,166	65.64	11,720,021
SOUTH KENTUCKY RECC	Month	191,823	83,911,408	63.44	-463,963	57.91	529,668	64.22	5,389,010
	YTD	1,465,807	517,659,321	66.17	-1,930,954	62.44	4,139,077	70.44	36,461,367
TAYLOR COUNTY RECC	Month	79,877	32,176,907	62.25	-166,540	57.08	197,053	63.20	2,033,579
	YTD	541,922	199,397,078	63.89	-688,149	60.44	1,505,201	67.99	13,557,498
CO-OP Subtotals	Month	1,744,301	812,358,539	60.36	-4,480,445	54.85	4,853,280	60.82	49,407,594
	YTD	11,567,227	4,604,235,175	62.67	-17,198,838	58.94	34,444,569	66.42	305,806,562

## EAST KENTUCKY POWER COOPERATIVE INC.

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Wholesale Power Accounting  
CO-OP Totals Billing Summary - CP Tariff

2015

		April							
CO-OP Name/EKPC		KW	KWH	Base Mills/KWH	Fuel Charge	Fuel Mills/KWH	Surcharge	Surcharge Mills/KWH	Revenue
Inland Steam	Month	35,687	17,997,732	49.86	-99,129	44.36	89,288	49.32	887,607
	YTD	144,351	80,594,210	48.79	-314,292	44.89	464,858	50.66	4,082,602
Totals	Month	1,779,988	830,356,271	60.13	-4,579,574	54.62	4,942,568	60.57	50,295,201
	YTD	11,711,578	4,684,829,385	62.43	-17,513,130	58.70	34,909,427	66.15	309,889,164
Burnside	Month	68	35,238	60.19	-195	54.66	210	60.62	2,136
	YTD	885	369,549	63.93	-1,317	60.37	2,906	68.23	25,214
East Ky Office	Month	779	535,023	56.43	-2,959	50.90	2,968	56.45	30,201
	YTD	4,943	2,622,473	59.86	-10,111	56.00	18,620	63.10	165,486
Smith Contruction	Month	84	46,731	59.15	-258	53.63	273	59.47	2,779
	YTD	507	236,476	61.92	-908	58.08	1,742	65.44	15,476
EKPC Subtotals	Month	931	616,992	56.85	-3,412	51.32	3,451	56.91	35,116
	YTD	6,335	3,228,498	60.48	-12,336	56.65	23,268	63.86	206,176
Totals	Month	1,780,919	830,973,263	60.13	-4,582,986	54.62	4,946,019	60.57	50,330,317
	YTD	11,717,913	4,688,057,883	62.43	-17,525,466	58.69	34,932,695	66.15	310,095,340

EAST KENTUCKY POWER COOPERATIVE INC.  
Wholesale Power Accounting  
Green Power Billing Summary

April 2015

CO-OP Name/EKPC		KWH	KWH Charge	Revenue
BIG SANDY RECC	Month	5,800	0.02375	138
	YTD	23,200		552
BLUE GRASS ENERGY	Month	22,000	0.02375	523
	YTD	88,200		2,096
CLARK ENERGY COOP	Month	3,200	0.02375	76
	YTD	12,800		304
CUMBERLAND VALLEY ELECTRIC	Month	2,300	0.02375	55
	YTD	9,200		220
FARMERS RECC	Month	1,600	0.02375	38
	YTD	6,400		152
FLEMING MASON RECC	Month	3,100	0.02375	74
	YTD	12,400		296
GRAYSON RECC	Month	6,500	0.02375	154
	YTD	26,000		616
INTER-COUNTY ECC	Month	5,400	0.02375	128
	YTD	21,600		512
JACKSON ENERGY COOP	Month	9,500	0.02375	226
	YTD	38,200		908
LICKING VALLEY RECC	Month	2,600	0.02375	62
	YTD	10,400		248
NOLIN RECC	Month	20,000	0.02375	475
	YTD	80,600		1,914
OWEN EC	Month	175,000	0.02375	4,156
	YTD	701,100		16,650
SALT RIVER RECC	Month	46,900	0.02375	1,114
	YTD	188,000		4,465
SHELBY ENERGY COOP	Month	11,300	0.02375	268
	YTD	45,200		1,072

EAST KENTUCKY POWER COOPERATIVE INC.  
Wholesale Power Accounting  
Green Power Billing Summary

5/4/15 12:13

April 2015

CO-OP Name/EKPC		KWH	KWH Charge	Revenue
SOUTH KENTUCKY RECC	Month	18,600	0.02375	442
	YTD	74,400		1,768
EKPC Subtotals	Month	333,800	0.02375	7,929
	YTD	1,337,700		31,773
Totals	Month	333,800	0.02375	7,929
	YTD	1,337,700		31,773

EAST KENTUCKY POWER COOPERATIVE  
Wholesale Power Accounting  
Direct Load

April 2014

CO-OP Name		KW	DLC Demand Charge	DLC Credit	DLC Demand Surcharge	Total Revenue
BIG SANDY RECC						
	Month	0	0	-1,212	-141	-1,353
	YTD	0	0	-6,010	-642	-6,652
BLUE GRASS ENERGY						
	Month	0	0	-16,029	-1,863	-17,892
	YTD	0	0	-78,231	-8,326	-86,557
CLARK ENERGY COOP						
	Month	0	0	-1,169	-136	-1,305
	YTD	0	0	-5,834	-624	-6,458
CUMBERLAND VALLEY ELECTRIC						
	Month	0	0	-2,170	-252	-2,422
	YTD	0	0	-9,497	-989	-10,486
FARMERS RECC						
	Month	0	0	-4,576	-532	-5,108
	YTD	0	0	-21,232	-2,257	-23,489
FLEMING MASON RECC						
	Month	0	0	0	0	0
	YTD	0	0	0	0	0
GRAYSON RECC						
	Month	0	0	-1,489	-173	-1,662
	YTD	0	0	-7,333	-783	-8,116
INTER-COUNTY ECC						
	Month	0	0	-4,606	-535	-5,141
	YTD	0	0	-22,772	-2,431	-25,203
JACKSON ENERGY COOP						
	Month	0	0	-1,493	-173	-1,666
	YTD	0	0	-7,487	-800	-8,287
LICKING VALLEY RECC						
	Month	0	0	-825	-96	-921

EAST KENTUCKY POWER COOPERATIVE  
Wholesale Power Accounting  
Direct Load

April 2014

CO-OP Name		KW	DLC Demand Charge	DLC Credit	DLC Demand Surcharge	Total Revenue
	YTD	0	0	-4,067	-435	-4,502
NOLIN RECC						
	Month	0	0	-4,249	-494	-4,743
	YTD	0	0	-20,077	-2,141	-22,218
OWEN EC						
	Month	0	0	-13,575	-1,577	-15,152
	YTD	0	0	-61,996	-6,572	-68,568
SALT RIVER RECC						
	Month	0	0	-5,200	-604	-5,804
	YTD	0	0	-24,938	-2,647	-27,585
SHELBY ENERGY COOP						
	Month	0	0	-3,141	-365	-3,506
	YTD	0	0	-15,454	-1,649	-17,103
SOUTH KENTUCKY RECC						
	Month	0	0	-7,849	-912	-8,761
	YTD	0	0	-37,039	-3,946	-40,985
TAYLOR COUNTY RECC						
	Month	0	0	-410	-48	-458
	YTD	0	0	-2,016	-214	-2,230
	Month	0	0	-67,993	-7,901	-75,894
Totals:	YTD	0	0	-323,983	-34,456	-358,439



Company EAST KENTUCKY POWER COOPERATIVE, INC.  
POWER TRANSACTION SCHEDULE

Month Ended NOVEMBER 2014

<u>Company</u> <u>Sales</u>	<u>Type of Transaction</u>	Billing Components					
		<u>KW</u>	<u>KWH</u>	<u>Demand (\$)</u>	<u>Fuel Charges (\$)</u>	<u>Margin(+) or</u> <u>Loss (-)</u>	<u>Total Charges (\$)</u>
PJM PJM	Non-Displacement Capacity	13,272	2,535,000	275,550	83,156 -	418 275,550	83,574
TOTAL		<u>13,272</u>	<u>2,535,000</u>	<u>275,550</u>	<u>83,156</u>	<u>275,968</u>	<u>83,574</u>



Company EAST KENTUCKY POWER COOPERATIVE, INC.  
POWER TRANSACTION SCHEDULE

Month Ended DECEMBER 2014

<u>Company Sales</u>	<u>Type of Transaction</u>	Billing Components					
		<u>KW</u>	<u>KWH</u>	<u>Demand (\$)</u>	<u>Fuel Charges (\$)</u>	<u>Margin(+) or Loss (-)</u>	<u>Total Charges (\$)</u>
PJM	Non-Displacement Capacity		9,281,000		349,556	(25,328)	324,228
PJM		14,352		284,735	-	284,735	
TOTAL		<u>14,352</u>	<u>9,281,000</u>	<u>284,735</u>	<u>349,556</u>	<u>259,407</u>	<u>324,228</u>



Company EAST KENTUCKY POWER COOPERATIVE, INC.  
POWER TRANSACTION SCHEDULE

Month Ended JANUARY 2015

Billing Components Revised 4/10/15

<u>Company</u>	<u>Type of Transaction</u>	<u>Capacity</u>	<u>KWH</u>	<u>Demand (\$)</u>	<u>Fuel Charges (\$)</u>	<u>Margin(+) or Loss (-)</u>	<u>Total Charges (\$)</u>
<u>Sales</u>							
PJM	Non-Displacement		9,588,000		331,197	352,583	683,780
PJM	Capacity	14,352		284,735	-	284,735	
TOTAL		<u>14,352</u>	<u>9,588,000</u>	<u>284,735</u>	<u>331,197</u>	<u>637,318</u>	<u>683,780</u>



Company EAST KENTUCKY POWER COOPERATIVE, INC.  
POWER TRANSACTION SCHEDULE

Month Ended FEBRUARY 2015

Billing Components Revised 4/10/15

<u>Company Sales</u>	<u>Type of Transaction</u>	<u>Capacity</u>	<u>KWH</u>	<u>Demand (\$)</u>	<u>Fuel Charges (\$)</u>	<u>Margin(+) or Loss (-)</u>	<u>Total Charges (\$)</u>
PJM PJM	Non-Displacement Capacity	12,963	39,223,000	257,180	1,482,072 -	3,085,100 257,180	4,567,172 -
TOTAL		<u>12,963</u>	<u>39,223,000</u>	<u>257,180</u>	<u>1,482,072</u>	<u>3,342,280</u>	<u>4,567,172</u>



Company EAST KENTUCKY POWER COOPERATIVE, INC.  
POWER TRANSACTION SCHEDULE

Month Ended MARCH 2015

<u>Company Sales</u>	<u>Type of Transaction</u>	<u>Capacity</u>	<u>KWH</u>	<u>Demand (\$)</u>	<u>Billing Components</u>		<u>Total Charges (\$)</u>
					<u>Fuel Charges (\$)</u>	<u>Margin(+) or Loss (-)</u>	
Cargill Power Sales	Non-Displacement		27,795,680		897,161	95,639	992,800
PJM	Non-Displacement		2,801,000		112,160	111,974	224,134
PJM	Capacity	11,435		284,735	-	284,735	-
TOTAL		<u>11,435</u>	<u>30,596,680</u>	<u>284,735</u>	<u>1,009,321</u>	<u>492,348</u>	<u>1,216,934</u>



Company EAST KENTUCKY POWER COOPERATIVE, INC.  
POWER TRANSACTION SCHEDULE

Month Ended APRIL 2015

Billing Components

REVISED 8/24/15

<u>Company Sales</u>	<u>Type of Transaction</u>	<u>Capacity</u>	<u>KWH</u>	<u>Demand (\$)</u>	<u>Fuel Charges (\$)</u>	<u>Margin(+) or Loss (-)</u>	<u>Total Charges (\$)</u>
PJM	Non-Displacement		6,936,000		247,904	(14,777)	233,127
PJM	Capacity	13,272		275,550	-	275,550	-
TOTAL		<u>13,272</u>	<u>6,936,000</u>	<u>275,550</u>	<u>247,904</u>	<u>260,773</u>	<u>233,127</u>

**EAST KENTUCKY POWER COOPERATIVE, INC.**

**PSC CASE NO. 2015-00233  
FUEL ADJUSTMENT CLAUSE  
RESPONSE TO INFORMATION REQUEST**

**COMMISSION STAFF'S INFORMATION REQUEST DATED 08/14/15  
REQUEST 7**

**RESPONSIBLE PARTY: Craig A. Johnson**

**Request 7.** List East Kentucky's scheduled, actual, and forced outages from November 1, 2014 through April 30, 2015.

**Response 7.** Please see pages 2 through 58 of this response.

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**Production Management Reporting System**



East Kentucky Power

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**Dale Power Station**

**Unit 004**

Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
12/11/2014	1340	0.0	Forced	Maintenance	0	40	HIGH BACK PRESSURE.

**Production Management Reporting System**



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**Cooper Power Station**

**Unit 001**

Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
03/03/2015	1731	0.0	Forced	Maintenance	1	59	PULVERIZER GRINDING ZONE WAS INUNDATED WITH WATER FROM THE PYRITE DELUGE SYSTEM. SWITCHYARD CIRCUIT BREAKERS – EXTERNAL (OMC).
03/03/2015	1930	0.0		Failed Start	7	28	

**Production Management Reporting System**



East Kentucky Power

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**Cooper Power Station**

**Unit 002**

Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
12/18/2014	1654	0.0	Forced	Maintenance	21	6	REPLACED THE INNER ROLLERS ON THE BOTTOM ASH SUBMERGE CHAIN ASSEMBLY.
04/18/2015	0001	0.0	Scheduled	Maintenance	177	59	PLANNED OUTAGE - SPRING.

**Production Management Reporting System**



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**Spurlock Power Station**

**Unit 001**

Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
11/13/2014	1022	0.0	Forced	Maintenance	10	47	FIRE IN UNIT 1 GENERATOR JUNCTION BOX.
01/08/2015	0309	0.0	Forced	Maintenance	3	28	OTHER FEEDWATER SYSTEM PROBLEMS.
01/08/2015	2036	0.0	Forced	Maintenance	6	17	FIRE PROTECTION SYSTEM PIPING.
03/16/2015	0700	0.0	Scheduled	Maintenance	106	58	AIR HEATER FOULING (REGENERATIVE).

**Production Management Reporting System**



East Kentucky Power

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**Spurlock Power Station**

**Unit 002**

Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
11/01/2014	0000	0.0	Scheduled	Maintenance	285	40	BOILER INSPECTIONS - SCHEDULED OR ROUTINE.
11/22/2014	1358	0.0	Scheduled	Maintenance	47	54	INDUCED DRAFT FANS.
12/16/2014	2328	0.0	Forced	Maintenance	1	51	INDUCED DRAFT FAN CONTROLS.
12/18/2014	0008	0.0	Scheduled	Maintenance	33	40	INDUCED DRAFT FAN CONTROLS.
04/04/2015	2020	0.0	Forced	Maintenance	0	14	PRIMARY AIR FAN.
04/06/2015	1952	0.0	Forced	Maintenance	8	59	OTHER EXCITER PROBLEMS.
04/07/2015	0458	0.0	Forced	Maintenance	8	6	BURNERS.

**Production Management Reporting System**



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**Spurlock Power Station**

**Unit 003**

Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
11/01/2014	0000	0.0	Scheduled	Maintenance	25	45	OPACITY STACK EMISSIONS - FOSSIL STEAM UNITS.
11/05/2014	1650	0.0	Forced	Maintenance	0	11	OTHER MISCELLANEOUS BOILER AIR AND GAS SYSTEM PROBLEMS.
11/17/2014	1206	0.0	Scheduled	Maintenance	8	11	BAGHOUSE SYSTEMS - GENERAL.
01/24/2015	0214	0.0	Scheduled	Maintenance	24	9	BOTTOM ASH SYSTEMS (WET OR DRY).
01/26/2015	1308	0.0	Forced	Maintenance	2	52	BOTTOM ASH SYSTEMS (WET OR DRY).
03/01/2015	0818	0.0	Scheduled	Maintenance	734	42	MAJOR TURBINE OVERHAUL (720 HOURS OR LONGER).
04/01/2015	0000	0.0	Scheduled	Maintenance	615	16	MAJOR TURBINE OVERHAUL (720 HOURS OR LONGER).
04/26/2015	1629	0.0	Forced	Maintenance	5	45	OTHER MISCELLANEOUS STEAM TURBINE PROBLEMS.
04/26/2015	2334	0.0	Forced	Maintenance	1	16	OTHER MISCELLANEOUS STEAM TURBINE PROBLEMS.
04/27/2015	2056	0.0	Forced	Maintenance	21	27	OTHER MISCELLANEOUS STEAM TURBINE PROBLEMS.
04/28/2015	2032	0.0	Forced	Maintenance	3	18	OTHER MISCELLANEOUS STEAM TURBINE PROBLEMS.
04/29/2015	0111	0.0	Forced	Maintenance	6	55	OTHER MISCELLANEOUS STEAM TURBINE PROBLEMS.
04/29/2015	1807	0.0	Forced	Maintenance	4	0	OTHER MISCELLANEOUS STEAM TURBINE PROBLEMS.

**Production Management Reporting System**



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**Spurlock Power Station**

**Unit 004**

Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
01/16/2015	1318	0.0	Forced	Maintenance	0	3	OTHER BOILER CONTROL AND INSTRUMENTATION PROBLEMS. PARTICULATE STACK EMISSIONS - FOSSIL STEAM UNITS. BAGHOUSE SYSTEMS - GENERAL. STRAY VOLTAGE INDUCED VIBRATION ON THE FANS.
01/18/2015	0034	0.0	Scheduled	Maintenance	113	41	
04/05/2015	0100	0.0	Scheduled	Maintenance	81	43	
04/29/2015	1401	0.0	Forced	Maintenance	1	3	

**Production Management Reporting System**



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**J.K. Smith**

**Unit 001**

Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
11/06/2014	0700	0.0	Scheduled	Maintenance	6	0	EDDY CURRENT TESTING OF THE THIRD ROW BLADES.
11/17/2014	0757	0.0	Forced	Maintenance	19	3	INLET GUIDE VANE STUCK IN THE CLOSED POSITION.
01/08/2015	0711	0.0	Forced	Maintenance	0	38	ISO PHASE SWITCH PROBLEM.
02/22/2015	1751	0.0	Forced	Failed Start	0	46	COOLING FAN #1 BELT BROKE.
04/27/2015	0600	0.0	Scheduled	Maintenance	79	42	PLANNED OUTAGE - STATIC FREQUENCY CONVERTER UPGRADE.
04/30/2015	1357	0.0	Scheduled	Maintenance	0	3	PLANNED OUTAGE - STATIC FREQUENCY CONVERTER UPGRADE.

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**J.K. Smith**

**Unit 002**

Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
11/06/2014	1300	0.0	Scheduled	Maintenance	5	18	EDDY CURRENT TESTING OF THE THIRD ROW BLADES.
11/19/2014	0910	0.0	Forced	Maintenance	2	18	EMISSIONS RUNNING HIGH ON NOX.
04/27/2015	0600	0.0	Scheduled	Maintenance	74	52	PLANNED OUTAGE.
04/30/2015	0907	0.0	Scheduled	Maintenance	4	53	PLANNED OUTAGE - STATIC FREQUENCY CONVERTER UPGRADE.

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**J.K. Smith**

**Unit 003**

Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
11/07/2014	0700	0.0	Scheduled	Maintenance	5	9	EDDY CURRENT TESTING OF THE THIRD ROW BLADES.
01/08/2015	0725	0.0	Forced	Failed Start	2	27	STATIC FREQUENCY CONVERTOR DRIVE FAILURE.
04/04/2015	0000	0.0	Scheduled	Maintenance	154	40	PLANNED OUTAGE - STATIC FREQUENCY CONVERTOR FAILURE/UPGRADE AND A-INSPECTION.
04/10/2015	1051	0.0	Scheduled	Maintenance	0	54	PLANNED OUTAGE - STATIC FREQUENCY CONVERTOR FAILURE/UPGRADE AND A-INSPECTION.
04/29/2015	0600	0.0	Scheduled	Maintenance	7	0	MAINTENANCE OUTAGE - EDDY CURRENT INSPECTION.

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**J.K. Smith**

**Unit 004**

Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
11/01/2014	0000	0.0	Scheduled	Maintenance	297	12	HOT GAS PATH INSPECTION.
11/13/2014	1531	0.0	Scheduled	Maintenance	21	18	HOT GAS PATH INSPECTION.
11/14/2014	1341	0.0	Scheduled	Maintenance	0	39	HOT GAS PATH INSPECTION.
01/07/2015	1713	0.0	Forced	Maintenance	16	23	GENERATOR GROUND FAULT INSTRUMENTATION.
01/19/2015	0800	0.0	Scheduled	Maintenance	6	17	GSU TESTING.
02/18/2015	2335	0.0	Forced	Maintenance	8	58	GENERATOR GROUND FAULT INSTRUMENTATION.

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**J.K. Smith**

**Unit 005**

Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
11/24/2014	0700	0.0	Scheduled	Maintenance	9	0	SECONDARY FUEL PIPING MAINTENANCE. PLANNED OUTAGE - STATIC FREQUENCY CONVERTOR FAILURE/UPGRADE AND A- INSPECTION.
04/19/2015	0100	0.0	Scheduled	Maintenance	287	0	

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**J.K. Smith**

**Unit 006**

Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
12/26/2014	1053	0.0	Forced	Maintenance	2	41	MAINTENANCE OUTAGE.

**Production Management Reporting System**



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**J.K. Smith**

**Unit 007**

Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
11/19/2014	0632	0.0	Forced	Maintenance	0	41	OFFLINE FOR EMISSION.
11/19/2014	0759	0.0	Forced	Maintenance	2	1	OFFLINE CHANGE EXHAUST THERMOCOUPLE.
03/07/2015	0709	0.0	Forced	Maintenance	3	40	FORCED OUTAGE - EMISSIONS/LIQUID IN THE MANIFOLD.
03/29/2015	0100	0.0	Scheduled	Maintenance	71	0	PLANNED OUTAGE.
04/01/2015	0000	0.0	Scheduled	Maintenance	64	32	PLANNED OUTAGE.
04/25/2015	0905	0.0	Forced	Maintenance	2	25	FORCED OUTAGE.

**Production Management Reporting System**



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**J.K. Smith**

**Unit 009**

Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
12/09/2014	1000	0.0	Scheduled	Maintenance	1	5	MO FOR FIRE SYSTEM.
02/06/2015	0648	0.0	Forced	Failed Start	0	31	FORCED OUTAGE.
03/22/2015	0100	0.0	Scheduled	Maintenance	15	13	BOREScope AND ROUTINE MAINTENANCE.
03/22/2015	1643	0.0	Scheduled	Maintenance	223	17	BOREScope AND ROUTINE MAINTENANCE.
04/01/2015	0000	0.0	Scheduled	Maintenance	40	40	BOREScope AND ROUTINE MAINTENANCE.

**Production Management Reporting System**



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**J.K. Smith**

**Unit 010**

Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
12/09/2014	1200	0.0	Scheduled	Maintenance	1	36	MO FOR FIRE SYSTEM.
12/19/2014	0833	0.0	Forced	Failed Start	5	47	AIR IN FUEL MANIFOLDS.
01/08/2015	0921	0.0	Forced	Maintenance	4	24	LOCKOUT - USV TEMPS LOW.
04/05/2015	0100	0.0	Scheduled	Maintenance	308	0	PLANNED OUTAGE FOR TOP CASE AND BOREScope.
04/27/2015	0800	0.0	Scheduled	Maintenance	88	0	PLANNED OUTAGE.

**Production Management Reporting System**



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**Unit 001**

Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
11/04/2014	0941	0.0	Forced	Fuel Outage	23	19	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
11/07/2014	0427	0.0	Forced	Maintenance	4	19	ENGINE SHUTDOWN DUE TO DETONATION.
11/23/2014	1236	0.0	Forced	Maintenance	2	23	ENGINE SHUTDOWN DUE TO DETONATION.
11/24/2014	1032	0.0	Forced	Fuel Outage	0	24	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
12/02/2014	0501	0.0	Forced	Maintenance	2	45	ENGINE SHUTDOWN DUE TO DETONATION.
12/02/2014	0747	0.0	Forced	Maintenance	0	16	GENERATOR PROTECTIVE RELAY FAULT.
12/02/2014	0804	0.0	Forced	Maintenance	0	6	GENERATOR PROTECTIVE RELAY FAULT.
12/20/2014	2155	0.0	Forced	Maintenance	1	14	GENERATOR PROTECTIVE RELAY FAULT.
12/23/2014	0133	0.0	Forced	Maintenance	7	21	GENERATOR PROTECTIVE RELAY FAULT.
12/23/2014	0855	0.0	Forced	Maintenance	0	4	GENERATOR PROTECTIVE RELAY FAULT.
12/30/2014	0928	0.0	Scheduled	Maintenance	1	38	ENGINE MAINTENANCE - CHANGED OIL,PLUGS AND ADJUSTED VALVES.
12/30/2014	1108	0.0	Forced	Maintenance	0	11	ENGINE MAINTENANCE - COLD PLUG.
12/30/2014	1505	0.0	Forced	Maintenance	32	55	ELECTRICAL MAINTENANCE - FUEL VALVE RELAY FAILED.
01/01/2015	0000	0.0	Forced	Maintenance	39	7	ELECTRICAL MAINTENANCE - FUEL VALVE RELAY FAILED.
01/08/2015	1310	0.0	Forced	Maintenance	0	4	ENGINE SHUTDOWN DUE TO DETONATION.
01/10/2015	1331	0.0	Forced	Maintenance	5	8	FUEL SKID MAINTENANCE - HIGH LIQUID LEVEL.
02/13/2015	0907	0.0	Scheduled	Maintenance	4	12	ENGINE MAINTENANCE - OIL CHANGE,PLUGS, VALVE ADJUSTMENT.
02/13/2015	1334	0.0	Forced	Maintenance	0	8	ENGINE MAINTENANCE - COLD CYLINDER DUE TO BAD PLUG.
02/16/2015	0848	0.0	Forced	Fuel Outage	172	41	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
02/23/2015	1330	0.0	Forced	Maintenance	0	2	GENERATOR PROTECTIVE RELAY FAULT.
02/23/2015	1333	0.0	Forced	Maintenance	0	14	GENERATOR PROTECTIVE RELAY FAULT.
02/23/2015	1348	0.0	Forced	Maintenance	0	1	GENERATOR PROTECTIVE RELAY FAULT.
03/10/2015	1156	0.0	Forced	Maintenance	4	49	ENGINE SHUTDOWN DUE TO DETONATION.
03/13/2015	2125	0.0	Scheduled	Maintenance	5	9	ENGINE MAINTENANCE - FAILED MAP SENSOR.
03/14/2015	0327	0.0	Forced	Maintenance	0	49	ENGINE SHUTDOWN DUE TO DETONATION.
03/17/2015	1101	0.0	Forced	Maintenance	0	4	ENGINE SHUTDOWN DUE TO DETONATION.
03/17/2015	1106	0.0	Forced	Maintenance	0	1	GENERATOR PROTECTIVE RELAY FAULT.
03/31/2015	1002	0.0	Forced	Maintenance	0	3	ENGINE SHUTDOWN DUE TO DETONATION.

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Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
04/01/2015	0610	0.0	Forced	Maintenance	0	3	ENGINE SHUTDOWN DUE TO DETONATION.
04/07/2015	1135	0.0	Scheduled	Maintenance	1	52	ENGINE MAINTENANCE - CHANGED OIL, PLUGS AND ADJUSTED VALVES.
04/13/2015	1808	0.0	Forced	Maintenance	3	19	ENGINE SHUTDOWN DUE TO DETONATION.
04/30/2015	1102	0.0	Forced	Maintenance	0	52	UTILITY BREAKER 52U OPERATION.
04/30/2015	1307	0.0	Forced	Fuel Outage	0	11	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
04/30/2015	1625	0.0	Forced	Fuel Outage	2	47	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.

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**Unit 002**

Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
11/04/2014	0958	0.0	Forced	Maintenance	1	51	ENGINE SHUTDOWN DUE TO DETONATION.
11/07/2014	0427	0.0	Forced	Maintenance	4	6	ENGINE SHUTDOWN DUE TO DETONATION.
11/08/2014	1429	0.0	Forced	Fuel Outage	42	44	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
11/11/2014	0652	0.0	Forced	Maintenance	1	58	ENGINE SHUTDOWN DUE TO DETONATION.
11/11/2014	1409	0.0	Forced	Fuel Outage	333	33	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
12/01/2014	1235	0.0	Forced	Maintenance	1	6	ENGINE SHUTDOWN DUE TO DETONATION.
12/11/2014	0938	0.0	Forced	Maintenance	130	7	GENERATOR PROTECTIVE RELAY FAULT.
12/16/2014	1949	0.0	Forced	Maintenance	14	27	GENERATOR PROTECTIVE RELAY FAULT.
12/23/2014	0125	0.0	Forced	Maintenance	7	16	GENERATOR PROTECTIVE RELAY FAULT.
12/23/2014	0842	0.0	Forced	Maintenance	0	3	GENERATOR PROTECTIVE RELAY FAULT.
12/24/2014	1927	0.0	Forced	Maintenance	1	5	GENERATOR PROTECTIVE RELAY FAULT.
12/24/2014	2313	0.0	Forced	Maintenance	33	24	GENERATOR PROTECTIVE RELAY FAULT.
12/28/2014	0155	0.0	Forced	Maintenance	12	35	GENERATOR PROTECTIVE RELAY FAULT.
12/28/2014	1959	0.0	Forced	Maintenance	11	44	GENERATOR PROTECTIVE RELAY FAULT.
12/30/2014	0852	0.0	Forced	Maintenance	0	15	ENGINE MAINTENANCE - OIL LEAK.
01/10/2015	1331	0.0	Forced	Maintenance	5	0	FUEL SKID MAINTENANCE - HIGH LIQUID LEVEL.
02/09/2015	0854	0.0	Scheduled	Maintenance	2	46	ENGINE MAINTENANCE - OIL CHANGE, PLUGS, VALVE ADJUSTMENT.
02/09/2015	1141	0.0	Forced	Maintenance	0	2	GENERATOR PROTECTIVE RELAY FAULT.
02/09/2015	1144	0.0	Forced	Maintenance	0	2	GENERATOR PROTECTIVE RELAY FAULT.
02/23/2015	1327	0.0	Forced	Maintenance	0	43	ENGINE SHUTDOWN DUE TO DETONATION.
03/14/2015	0327	0.0	Forced	Maintenance	0	46	ENGINE SHUTDOWN DUE TO DETONATION.
03/17/2015	1101	0.0	Forced	Maintenance	0	14	ENGINE SHUTDOWN DUE TO DETONATION.
03/23/2015	0829	0.0	Scheduled	Maintenance	2	42	ENGINE MAINTENANCE - OIL CHANGE AND VALVE ADJUSTMENT.
03/23/2015	1123	0.0	Forced	Maintenance	0	25	ENGINE SHUTDOWN DUE TO DETONATION.
03/23/2015	1149	0.0	Forced	Maintenance	0	5	ENGINE SHUTDOWN DUE TO DETONATION.
03/23/2015	1209	0.0	Forced	Maintenance	0	24	GENERATOR PROTECTIVE RELAY FAULT.
03/23/2015	1234	0.0	Forced	Maintenance	0	6	ENGINE SHUTDOWN DUE TO DETONATION.
03/31/2015	1002	0.0	Forced	Maintenance	0	7	ENGINE SHUTDOWN DUE TO DETONATION.
03/31/2015	2249	0.0	Forced	Maintenance	1	11	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.

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Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
04/01/2015	0000	0.0	Forced	Fuel Outage	11	30	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
04/07/2015	0915	0.0	Forced	Maintenance	1	14	ENGINE SHUTDOWN DUE TO DETONATION.
04/13/2015	1808	0.0	Forced	Maintenance	3	19	ENGINE SHUTDOWN DUE TO DETONATION.
04/13/2015	2146	0.0	Forced	Maintenance	0	9	ENGINE SHUTDOWN DUE TO DETONATION.
04/13/2015	2206	0.0	Forced	Maintenance	11	44	ENGINE SHUTDOWN DUE TO DETONATION.
04/30/2015	1102	0.0	Forced	Maintenance	0	21	UTILITY BREAKER 52U OPERATION.
04/30/2015	1148	0.0	Scheduled	Maintenance	0	11	ENGINE SHUTDOWN DUE TO DETONATION.
04/30/2015	1314	0.0	Forced	Fuel Outage	0	1	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
04/30/2015	1625	0.0	Forced	Fuel Outage	7	35	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.

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Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
11/01/2014	0000	0.0	Forced	Fuel Outage	229	17	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
11/10/2014	1323	0.0	Scheduled	Maintenance	20	35	ENGINE MAINTENANCE - AIR/FUEL RATIO TESTING.
11/11/2014	1005	0.0	Scheduled	Maintenance	2	43	ENGINE MAINTENANCE - AIR/FUEL RATIO TESTING.
11/11/2014	1250	0.0	Scheduled	Maintenance	0	14	ENGINE MAINTENANCE - AIR/FUEL RATIO TESTING.
11/11/2014	1323	0.0	Scheduled	Maintenance	0	21	ENGINE MAINTENANCE - AIR/FUEL RATIO TESTING.
11/12/2014	0630	0.0	Forced	Maintenance	3	16	ENGINE SHUTDOWN DUE TO DETONATION.
11/12/2014	1105	0.0	Forced	Maintenance	3	35	ENGINE MAINTENANCE - CHANGED CYLINDER HEAD # 7.
11/23/2014	1232	0.0	Forced	Maintenance	2	38	ENGINE SHUTDOWN DUE TO DETONATION.
11/24/2014	1032	0.0	Forced	Fuel Outage	0	24	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
11/25/2014	1515	0.0	Forced	Fuel Outage	128	45	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
12/01/2014	0000	0.0	Forced	Fuel Outage	12	21	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
12/02/2014	0445	0.0	Forced	Maintenance	54	19	ENGINE SHUTDOWN DUE TO DETONATION.
12/04/2014	1137	0.0	Forced	Maintenance	0	19	ENGINE MAINTENANCE - COLD CYLINDER.
12/04/2014	1157	0.0	Forced	Maintenance	0	30	GENERATOR PROTECTIVE RELAY FAULT.
12/04/2014	1228	0.0	Forced	Maintenance	0	1	GENERATOR PROTECTIVE RELAY FAULT.
12/20/2014	2155	0.0	Forced	Maintenance	1	25	ENGINE SHUTDOWN DUE TO DETONATION.
12/21/2014	0130	0.0	Forced	Maintenance	34	0	ENGINE SHUTDOWN DUE TO DETONATION.
01/07/2015	1528	0.0	Forced	Fuel Outage	21	37	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
01/08/2015	1306	0.0	Forced	Maintenance	0	2	GENERATOR PROTECTIVE RELAY FAULT.
01/08/2015	1309	0.0	Forced	Maintenance	0	9	GENERATOR PROTECTIVE RELAY FAULT.
01/08/2015	1319	0.0	Forced	Maintenance	0	3	GENERATOR PROTECTIVE RELAY FAULT.
01/08/2015	1323	0.0	Forced	Maintenance	0	21	GENERATOR PROTECTIVE RELAY FAULT.
01/08/2015	1345	0.0	Forced	Maintenance	0	2	GENERATOR PROTECTIVE RELAY FAULT.
01/08/2015	1348	0.0	Forced	Maintenance	0	12	GENERATOR PROTECTIVE RELAY FAULT.
01/10/2015	1331	0.0	Forced	Maintenance	5	33	FUEL SKID MAINTENANCE - HIGH LIQUID LEVEL.
01/14/2015	0703	0.0	Forced	Maintenance	12	17	ENGINE SHUTDOWN DUE TO DETONATION.
01/14/2015	1925	0.0	Forced	Maintenance	0	12	ENGINE MAINTENANCE - COLD CYLINDER.
01/19/2015	1118	0.0	Scheduled	Maintenance	0	38	ENGINE MAINTENANCE - OIL CHANGE.

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Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
02/10/2015	1146	0.0	Forced	Maintenance	1	27	GENERATOR MAINTENANCE - CHANGED C PHASE TRANSFORMER.
02/10/2015	1314	0.0	Forced	Maintenance	0	5	GENERATOR PROTECTIVE RELAY FAULT.
02/10/2015	1320	0.0	Forced	Maintenance	0	3	GENERATOR PROTECTIVE RELAY FAULT.
02/10/2015	1324	0.0	Forced	Maintenance	0	13	GENERATOR PROTECTIVE RELAY FAULT.
02/23/2015	1322	0.0	Forced	Maintenance	0	16	ENGINE SHUTDOWN DUE TO DETONATION.
03/13/2015	1005	0.0	Forced	Fuel Outage	101	1	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
04/15/2015	0900	0.0	Scheduled	Maintenance	2	3	ENGINE MAINTENANCE - CHANGED OIL, PLUGS AND ADJUSTED VALVES.
04/30/2015	1102	0.0	Forced	Maintenance	0	14	UTILITY BREAKER 52U OPERATION.
04/30/2015	1625	0.0	Forced	Fuel Outage	2	26	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
04/30/2015	1852	0.0	Forced	Maintenance	0	2	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.

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Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
11/01/2014	0000	0.0	Forced	Fuel Outage	249	0	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
11/11/2014	0901	0.0	Scheduled	Maintenance	168	30	ENGINE MAINTENANCE - TOP END.
12/17/2014	1001	0.0	Forced	Fuel Outage	0	38	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
12/20/2014	0900	0.0	Forced	Maintenance	1	0	ENGINE MAINTENANCE - #5 AND #13 CYLINDERS COLD. REPLACE PLUGS.
12/20/2014	1000	0.0	Forced	Fuel Outage	72	9	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
12/24/2014	0247	0.0	Forced	Maintenance	1	0	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
12/24/2014	0347	0.0	Forced	Fuel Outage	127	34	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
12/29/2014	1144	0.0	Forced	Maintenance	0	4	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
12/30/2014	1425	0.0	Forced	Maintenance	0	6	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
12/30/2014	1459	0.0	Forced	Maintenance	0	30	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
12/30/2014	1531	0.0	Forced	Maintenance	0	9	ENGINE SHUTDOWN DUE TO DETONATION.
12/30/2014	1543	0.0	Forced	Maintenance	0	10	ENGINE SHUTDOWN DUE TO DETONATION - ADJUST VALVES ON NUMBER 10 CYLINDER.
12/30/2014	1556	0.0	Forced	Maintenance	0	11	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
12/30/2014	1621	0.0	Forced	Maintenance	1	39	ENGINE SHUTDOWN DUE TO DETONATION - CHANGE ROCKER ARMS.
12/30/2014	1803	0.0	Forced	Maintenance	0	17	ENGINE SHUTDOWN DUE TO DETONATION - CHANGE PUSH RODS AND ADJUSTERS.
12/30/2014	1824	0.0	Forced	Maintenance	0	16	ENGINE SHUTDOWN DUE TO DETONATION - CHANGE BRIDGES.
12/31/2014	0107	0.0	Forced	Maintenance	1	49	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
12/31/2014	1647	0.0	Forced	Maintenance	0	42	ENGINE SHUTDOWN DUE TO DETONATION - CHANGE BRIDGE ADJUSTERS.
12/31/2014	1733	0.0	Forced	Maintenance	0	15	ENGINE SHUTDOWN DUE TO DETONATION - ADJUST BRIDGES.
01/03/2015	0946	0.0	Forced	Maintenance	0	36	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
01/03/2015	2109	0.0	Forced	Maintenance	12	56	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
01/08/2015	1411	0.0	Forced	Maintenance	3	12	CONDENSATE SYSTEM MAINTENANCE - WATER IN FUEL SKID.
01/08/2015	2054	0.0	Forced	Maintenance	1	20	CONDENSATE SYSTEM MAINTENANCE - WATER IN FUEL SKID.

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Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
01/08/2015	2259	0.0	Forced	Maintenance	12	11	CONDENSATE SYSTEM MAINTENANCE - WATER IN FUEL SKID.
01/10/2015	1005	0.0	Forced	Maintenance	4	43	CONDENSATE SYSTEM MAINTENANCE - WATER IN FUEL SKID.
01/11/2015	0908	0.0	Forced	Maintenance	0	43	CONDENSATE SYSTEM MAINTENANCE - WATER IN FUEL SKID.
01/15/2015	1200	0.0	Scheduled	Maintenance	3	43	ENGINE MAINTENANCE - TUNE UP, OIL CHANGE, VALVE ADJUSTMENT.
01/17/2015	0529	0.0	Forced	Maintenance	0	59	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
01/27/2015	1945	0.0	Forced	Maintenance	2	4	CONDENSATE SYSTEM MAINTENANCE - WATER IN FUEL SKID.
01/28/2015	1500	0.0	Forced	Maintenance	1	6	CONDENSATE SYSTEM MAINTENANCE - WATER IN FUEL SKID.
01/29/2015	1716	0.0	Forced	Maintenance	1	59	CONDENSATE SYSTEM MAINTENANCE - WATER IN FUEL SKID.
01/30/2015	0921	0.0	Forced	Maintenance	6	19	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY - BREAK IN HEADER.
02/11/2015	2235	0.0	Forced	Maintenance	0	34	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
02/19/2015	0350	0.0	Forced	Maintenance	7	35	CONDENSATE SYSTEM MAINTENANCE - WATER IN FUEL SKID.
02/19/2015	1151	0.0	Forced	Maintenance	0	6	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
02/22/2015	1331	0.0	Forced	Maintenance	2	52	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
02/23/2015	1610	0.0	Forced	Maintenance	0	58	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
02/28/2015	2219	0.0	Forced	Maintenance	0	2	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
03/03/2015	1021	0.0	Forced	Maintenance	2	47	CONDENSATE SYSTEM MAINTENANCE - LINE LEAK.
03/04/2015	2210	0.0	Forced	Maintenance	0	37	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
03/05/2015	1500	0.0	Forced	Fuel Outage	19	28	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
03/07/2015	1035	0.0	Forced	Fuel Outage	8	9	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
03/12/2015	1135	0.0	Forced	Maintenance	0	29	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
03/19/2015	0902	0.0	Forced	Maintenance	3	44	CONDENSATE SYSTEM MAINTENANCE - LINE LEAK.
03/21/2015	1543	0.0	Forced	Maintenance	0	8	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
04/14/2015	0905	0.0	Scheduled	Maintenance	5	40	ENGINE MAINTENANCE - TUNE UP, OIL CHANGE, VALVE ADJUSTMENT.
04/30/2015	2313	0.0	Forced	Maintenance	0	14	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.

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Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
11/07/2014	1629	0.0	Forced	Maintenance	0	29	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
11/10/2014	1300	0.0	Forced	Maintenance	2	23	ENGINE MAINTENANCE - HAD COLD CYLINDERS CHANGE PLUGS.
11/12/2014	1950	0.0	Forced	Maintenance	0	4	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
11/17/2014	1500	0.0	Forced	Maintenance	0	8	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
12/01/2014	1950	0.0	Forced	Maintenance	0	43	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
12/04/2014	1320	0.0	Scheduled	Maintenance	1	0	ENGINE MAINTENANCE - CHANGE OIL AND FILTERS.
12/05/2014	1210	0.0	Scheduled	Maintenance	2	49	ELECTRICAL MAINTENANCE - CHANGE PLUGS AND ADJUST VALVES.
12/08/2014	2153	0.0	Forced	Maintenance	0	58	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
12/17/2014	1000	0.0	Forced	Maintenance	0	28	FUEL OUTAGE.
12/22/2014	0807	0.0	Forced	Maintenance	0	1	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
12/26/2014	0955	0.0	Forced	Fuel Outage	1	11	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
12/28/2014	2010	0.0	Forced	Maintenance	14	30	SUBSTATION MAINTENANCE - BLOWN FUSE IN PAD MOUNT.
01/01/2015	1120	0.0	Forced	Maintenance	0	22	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
01/05/2015	0932	0.0	Forced	Maintenance	0	5	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
01/05/2015	0944	0.0	Forced	Maintenance	0	4	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
01/06/2015	1447	0.0	Forced	Maintenance	0	3	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
01/08/2015	1412	0.0	Forced	Maintenance	3	4	CONDENSATE SYSTEM MAINTENANCE - WATER IN FUEL SKID.
01/08/2015	2054	0.0	Forced	Maintenance	1	18	CONDENSATE SYSTEM MAINTENANCE - WATER IN FUEL SKID.
01/08/2015	2217	0.0	Forced	Maintenance	0	35	CONDENSATE SYSTEM MAINTENANCE - WATER IN FUEL SKID.
01/08/2015	2259	0.0	Forced	Maintenance	12	21	CONDENSATE SYSTEM MAINTENANCE - WATER IN FUEL SKID.
01/10/2015	1005	0.0	Forced	Maintenance	4	38	CONDENSATE SYSTEM MAINTENANCE - WATER IN FUEL SKID.
01/10/2015	1445	0.0	Forced	Maintenance	0	5	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
01/11/2015	0908	0.0	Forced	Maintenance	0	37	CONDENSATE SYSTEM MAINTENANCE - WATER IN FUEL SKID.
01/15/2015	1506	0.0	Forced	Maintenance	0	3	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.

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**Unit 002**

Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
01/22/2015	0854	0.0	Scheduled	Maintenance	5	25	ENGINE MAINTENANCE - TUNE UP, VALVE ADJUSTMENT, SPARK PLUGS.
01/23/2015	1522	0.0	Forced	Maintenance	0	8	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
01/27/2015	1945	0.0	Forced	Maintenance	2	0	CONDENSATE SYSTEM MAINTENANCE - WATER IN FUEL SKID.
01/28/2015	1500	0.0	Forced	Maintenance	0	54	FUEL SKID MAINTENANCE - WATER IN FUEL SKID.
01/29/2015	1716	0.0	Forced	Maintenance	1	59	CONDENSATE SYSTEM MAINTENANCE - WATER IN FUEL SKID.
01/30/2015	0921	0.0	Forced	Maintenance	6	19	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY - BREAK IN HEADER.
02/09/2015	1138	0.0	Forced	Maintenance	0	3	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
02/10/2015	1628	0.0	Forced	Maintenance	0	24	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
02/10/2015	1654	0.0	Forced	Maintenance	0	2	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
02/11/2015	2216	0.0	Forced	Maintenance	0	50	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
02/12/2015	0838	0.0	Scheduled	Maintenance	0	45	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
02/12/2015	1300	0.0	Forced	Maintenance	0	3	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
02/17/2015	0823	0.0	Scheduled	Maintenance	0	26	ENGINE MAINTENANCE - CHANGE OIL AND FILTERS.
02/19/2015	0350	0.0	Forced	Maintenance	7	37	CONDENSATE SYSTEM MAINTENANCE - WATER IN FUEL SKID.
02/19/2015	1128	0.0	Forced	Maintenance	0	4	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
02/20/2015	1049	0.0	Forced	Maintenance	0	4	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
02/21/2015	1404	0.0	Forced	Maintenance	1	30	CONDENSATE SYSTEM MAINTENANCE - WATER IN FUEL SKID.
02/22/2015	1330	0.0	Forced	Maintenance	2	52	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
02/23/2015	1125	0.0	Forced	Maintenance	0	2	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
02/23/2015	1637	0.0	Forced	Maintenance	0	5	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
03/03/2015	1020	0.0	Forced	Maintenance	2	47	CONDENSATE SYSTEM MAINTENANCE - LINE LEAK.
03/04/2015	1003	0.0	Forced	Maintenance	0	26	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
03/04/2015	1041	0.0	Forced	Maintenance	0	3	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
03/04/2015	1058	0.0	Forced	Maintenance	0	4	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.

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					Hours	Minutes	
03/04/2015	1115	0.0	Forced	Maintenance	0	46	ENGINE SHUTDOWN DUE TO DETONATION - REPLACE SPARK TRANSFORMER.
03/04/2015	1202	0.0	Forced	Fuel Outage	26	52	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
03/07/2015	1033	0.0	Forced	Fuel Outage	8	13	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
03/16/2015	1315	0.0	Forced	Maintenance	2	51	ENGINE MAINTENANCE - COLD CYLINDER.
03/16/2015	1615	0.0	Forced	Maintenance	0	8	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
03/19/2015	0902	0.0	Forced	Maintenance	3	37	CONDENSATE SYSTEM MAINTENANCE - LINE LEAK.
03/21/2015	1423	0.0	Forced	Maintenance	1	29	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
03/24/2015	1913	0.0	Forced	Maintenance	0	56	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
04/03/2015	1422	0.0	Forced	Maintenance	0	1	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
04/05/2015	0048	0.0	Forced	Maintenance	0	34	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
04/20/2015	0935	0.0	Scheduled	Maintenance	2	45	ENGINE MAINTENANCE - TUNE-UP, OIL CHANGE, VALVE ADJUSTMENT.
04/28/2015	1407	0.0	Forced	Maintenance	0	1	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
04/28/2015	1457	0.0	Forced	Maintenance	0	10	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
04/30/2015	2253	0.0	Forced	Maintenance	0	34	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.

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Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
11/12/2014	1758	0.0	Forced	Maintenance	0	3	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
11/19/2014	1415	0.0	Scheduled	Maintenance	1	0	ENGINE MAINTENANCE - CHANGE OIL AND FILTERS.
11/24/2014	1205	0.0	Forced	Maintenance	0	7	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
12/01/2014	2015	0.0	Forced	Maintenance	0	17	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
12/02/2014	1035	0.0	Forced	Maintenance	2	1	ENGINE MAINTENANCE - TUNE UP OIL CHANGE.
12/17/2014	0915	0.0	Forced	Fuel Outage	1	55	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
12/26/2014	0955	0.0	Forced	Fuel Outage	0	55	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
12/28/2014	2010	0.0	Forced	Maintenance	14	51	SUBSTATION MAINTENANCE - FUSE BLOWN IN PAD MOUNT.
01/08/2015	1412	0.0	Forced	Maintenance	3	9	CONDENSATE SYSTEM MAINTENANCE - WATER IN FUEL SKID.
01/08/2015	2054	0.0	Forced	Maintenance	1	16	CONDENSATE SYSTEM MAINTENANCE - WATER IN FUEL SKID.
01/08/2015	2300	0.0	Forced	Maintenance	17	20	CONDENSATE SYSTEM MAINTENANCE - WATER IN FUEL SKID.
01/10/2015	1008	0.0	Forced	Maintenance	6	35	CONDENSATE SYSTEM MAINTENANCE - WATER IN FUEL SKID.
01/11/2015	0908	0.0	Forced	Maintenance	0	41	CONDENSATE SYSTEM MAINTENANCE - WATER IN FUEL SKID.
01/27/2015	1945	0.0	Forced	Maintenance	2	1	CONDENSATE SYSTEM MAINTENANCE - WATER IN FUEL SKID.
01/28/2015	1500	0.0	Forced	Maintenance	0	50	CONDENSATE SYSTEM MAINTENANCE - WATER IN FUEL SKID.
01/29/2015	1705	0.0	Forced	Maintenance	2	8	CONDENSATE SYSTEM MAINTENANCE - WATER IN FUEL SKID.
01/30/2015	0921	0.0	Forced	Maintenance	6	22	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY - BREAK IN HEADER.
02/10/2015	1610	0.0	Forced	Maintenance	0	22	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
02/12/2015	0103	0.0	Forced	Maintenance	11	54	ENGINE MAINTENANCE - TURBO FAILURE REPLACE TURBO.
02/12/2015	1258	0.0	Forced	Maintenance	0	1	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
02/12/2015	1300	0.0	Forced	Maintenance	0	4	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
02/12/2015	1305	0.0	Forced	Maintenance	0	1	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
02/12/2015	1307	0.0	Forced	Maintenance	0	3	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
02/17/2015	0823	0.0	Scheduled	Maintenance	0	35	ENGINE MAINTENANCE - CHANGE OIL AND FILTERS.

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					Hours	Minutes	
02/17/2015	1300	0.0	Scheduled	Maintenance	4	20	ENGINE MAINTENANCE - TUNE UP, ADJUST VALVES, CHANGE SPARK PLUGS.
02/19/2015	0350	0.0	Forced	Maintenance	7	43	CONDENSATE SYSTEM MAINTENANCE - WATER IN FUEL SKID.
02/19/2015	1134	0.0	Forced	Maintenance	0	2	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
02/21/2015	1404	0.0	Forced	Maintenance	1	31	CONDENSATE SYSTEM MAINTENANCE - WATER IN FUEL SKID.
02/22/2015	1424	0.0	Forced	Maintenance	1	57	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
02/23/2015	1110	0.0	Forced	Maintenance	4	39	ENGINE MAINTENANCE - TURBO FAILURE.
03/03/2015	1020	0.0	Forced	Maintenance	2	50	CONDENSATE SYSTEM MAINTENANCE - LINE LEAK.
03/07/2015	1036	0.0	Forced	Fuel Outage	8	9	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
03/19/2015	0902	0.0	Forced	Maintenance	3	41	CONDENSATE SYSTEM MAINTENANCE - LINE LEAK.
03/21/2015	1543	0.0	Forced	Maintenance	0	10	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
04/02/2015	1337	0.0	Scheduled	Maintenance	1	33	ENGINE MAINTENANCE - TUNE UP, OIL AND FILTER CHANGE, VALVE ADJUSTMENT.
04/03/2015	1405	0.0	Forced	Maintenance	0	18	ENGINE MAINTENANCE - OIL LEAK RESEAL VALVE COVER.
04/05/2015	0047	0.0	Forced	Maintenance	0	37	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
04/07/2015	2200	0.0	Forced	Maintenance	0	40	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
04/28/2015	1510	0.0	Forced	Maintenance	1	58	ENGINE MAINTENANCE - REPLACE RIGHT SIDE TURBO.
04/28/2015	1709	0.0	Forced	Maintenance	0	31	ENGINE SHUTDOWN DUE TO DETONATION - OIL IN AFTERCOOLER.

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					Hours	Minutes	
11/07/2014	1633	0.0	Forced	Maintenance	0	22	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
11/07/2014	1803	0.0	Forced	Maintenance	0	41	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
11/10/2014	1305	0.0	Forced	Maintenance	0	5	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
11/10/2014	1344	0.0	Forced	Maintenance	1	39	ENGINE MAINTENANCE - COLD CYLINDER CHANGE PLUG.
11/12/2014	1947	0.0	Forced	Maintenance	0	9	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
11/12/2014	2014	0.0	Forced	Maintenance	0	1	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
11/17/2014	1458	0.0	Forced	Maintenance	0	10	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
11/17/2014	1541	0.0	Forced	Maintenance	0	4	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
11/18/2014	1340	0.0	Forced	Maintenance	0	56	ENGINE MAINTENANCE - COLD CYLINDERS CHANGE PLUGS.
11/24/2014	0921	0.0	Forced	Maintenance	6	16	ENGINE MAINTENANCE - REPLACE #5 AND #10 CYLINDER HEADS BURNT VALVE GUIDES.
11/30/2014	0254	0.0	Forced	Maintenance	0	33	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
12/01/2014	1538	0.0	Forced	Maintenance	0	4	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
12/02/2014	1042	0.0	Forced	Maintenance	0	8	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
12/02/2014	1320	0.0	Forced	Maintenance	2	59	ENGINE MAINTENANCE - REPLACE #7 CYLINDER HEAD VALVE GUIDE .
12/02/2014	1627	0.0	Forced	Maintenance	0	12	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
12/08/2014	2224	0.0	Forced	Maintenance	0	29	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
12/10/2014	0830	0.0	Forced	Maintenance	0	31	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
12/15/2014	1355	0.0	Forced	Fuel Outage	67	12	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
12/22/2014	1052	0.0	Forced	Maintenance	95	6	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
12/26/2014	0958	0.0	Forced	Fuel Outage	0	52	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
12/28/2014	2010	0.0	Forced	Maintenance	14	47	SUBSTATION MAINTENANCE - BLOWN FUSE IN PAD MOUNT.
12/31/2014	0210	0.0	Forced	Maintenance	0	42	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
01/05/2015	1245	0.0	Forced	Maintenance	0	23	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.

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Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
01/06/2015	0910	0.0	Scheduled	Maintenance	7	0	ENGINE MAINTENANCE - REPLACE #10 CYLINDER HEAD.
01/06/2015	1619	0.0	Forced	Maintenance	0	3	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
01/06/2015	1629	0.0	Forced	Maintenance	0	3	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
01/06/2015	1938	0.0	Forced	Maintenance	0	40	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
01/08/2015	1412	0.0	Forced	Maintenance	3	9	CONDENSATE SYSTEM MAINTENANCE - WATER IN FUEL SKID.
01/08/2015	2054	0.0	Forced	Maintenance	1	16	CONDENSATE SYSTEM MAINTENANCE - WATER IN FUEL SKID.
01/08/2015	2300	0.0	Forced	Maintenance	12	10	CONDENSATE SYSTEM MAINTENANCE - WATER IN FUEL SKID.
01/10/2015	1008	0.0	Forced	Maintenance	4	40	CONDENSATE SYSTEM MAINTENANCE - WATER IN FUEL SKID.
01/10/2015	1509	0.0	Forced	Maintenance	0	1	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
01/11/2015	0908	0.0	Forced	Maintenance	0	37	CONDENSATE SYSTEM MAINTENANCE - WATER IN FUEL SKID.
01/15/2015	1443	0.0	Forced	Maintenance	0	6	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
01/23/2015	1305	0.0	Forced	Maintenance	1	45	ENGINE MAINTENANCE - REPLACE #5 CYLINDER HEAD, VALVE GUIDE.
01/23/2015	1521	0.0	Forced	Maintenance	0	10	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
01/24/2015	0203	0.0	Forced	Maintenance	0	37	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
01/27/2015	1945	0.0	Forced	Maintenance	1	59	CONDENSATE SYSTEM MAINTENANCE - WATER IN FUEL SKID.
01/28/2015	1500	0.0	Forced	Maintenance	0	49	CONDENSATE SYSTEM MAINTENANCE - WATER IN FUEL SKID.
01/29/2015	1630	0.0	Forced	Maintenance	2	42	CONDENSATE SYSTEM MAINTENANCE - WATER IN FUEL SKID.
01/30/2015	0921	0.0	Forced	Maintenance	6	11	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY - BREAK IN HEADER.
02/02/2015	0847	0.0	Forced	Maintenance	0	3	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
02/10/2015	1610	0.0	Forced	Maintenance	0	22	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
02/11/2015	2236	0.0	Forced	Maintenance	0	30	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
02/12/2015	0816	0.0	Forced	Maintenance	1	8	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
02/12/2015	1636	0.0	Forced	Maintenance	0	2	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
02/12/2015	1830	0.0	Forced	Maintenance	1	9	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.

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Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
02/17/2015	1337	0.0	Forced	Maintenance	0	3	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
02/19/2015	0350	0.0	Forced	Maintenance	7	51	CONDENSATE SYSTEM MAINTENANCE - WATER IN FUEL SKID.
02/19/2015	1150	0.0	Forced	Maintenance	0	6	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
02/20/2015	1048	0.0	Forced	Maintenance	0	3	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
02/21/2015	1404	0.0	Forced	Maintenance	1	32	CONDENSATE SYSTEM MAINTENANCE - WATER IN FUEL SKID.
02/22/2015	1329	0.0	Forced	Maintenance	2	52	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
02/23/2015	1600	0.0	Forced	Maintenance	89	16	ENGINE MAINTENANCE - MANIFOLD FAILURE.
02/28/2015	1856	0.0	Forced	Fuel Outage	5	4	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
03/01/2015	0000	0.0	Forced	Fuel Outage	10	39	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
03/07/2015	1036	0.0	Forced	Fuel Outage	8	9	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
03/12/2015	1336	0.0	Forced	Maintenance	0	4	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
03/12/2015	1341	0.0	Forced	Maintenance	0	14	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
03/12/2015	1404	0.0	Forced	Maintenance	0	10	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
03/13/2015	1055	0.0	Forced	Maintenance	3	24	ENGINE MAINTENANCE - REPLACE CYLINDER HEAD.
03/13/2015	1427	0.0	Forced	Maintenance	0	1	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
03/16/2015	1255	0.0	Forced	Maintenance	0	9	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
03/16/2015	1413	0.0	Forced	Maintenance	0	8	ENGINE MAINTENANCE - OIL LEAK.
03/19/2015	0901	0.0	Forced	Maintenance	3	40	CONDENSATE SYSTEM MAINTENANCE - LINE LEAK.
03/20/2015	0916	0.0	Forced	Maintenance	0	29	ENGINE MAINTENANCE - ANTI FREEZE LEAK.
03/20/2015	1338	0.0	Forced	Maintenance	0	2	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
03/20/2015	1543	0.0	Forced	Maintenance	0	10	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
03/24/2015	1101	0.0	Forced	Maintenance	23	43	ENGINE MAINTENANCE - REPLACE TREE CYLINDER HEADS.
03/27/2015	1415	0.0	Forced	Maintenance	0	16	ENGINE MAINTENANCE - COLD CYLINDER REPLACE SPARK PLUG.
04/05/2015	2102	0.0	Forced	Maintenance	0	28	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.

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					Hours	Minutes	
04/07/2015	1310	0.0	Forced	Maintenance	0	17	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
04/07/2015	1543	0.0	Forced	Maintenance	0	5	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
04/13/2015	1210	0.0	Forced	Maintenance	4	26	ENGINE MAINTENANCE - REPLACE #16 CYLINDER HEAD, TUNE-UP, OIL CHANGE.
04/13/2015	1645	0.0	Forced	Maintenance	0	3	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
04/13/2015	1839	0.0	Forced	Maintenance	1	12	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.
04/29/2015	1310	0.0	Forced	Maintenance	0	26	ENGINE MAINTENANCE - COLD CYLINDER REPLACE PLUG.
04/29/2015	1342	0.0	Forced	Maintenance	0	5	ENGINE MAINTENANCE - REPLACE TRANSFORMER.
04/29/2015	1509	0.0	Forced	Maintenance	1	56	ELECTRICAL MAINTENANCE - LOSS OF FIELD LOOSE WIRE ON TERMINAL STRIP.
04/30/2015	2253	0.0	Forced	Maintenance	0	35	ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM.

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**Unit 001**

Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
11/03/2014	1309	0.0	Forced	Fuel Outage	0	13	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
11/06/2014	0202	0.0	Forced	Maintenance	1	20	ENGINE SHUTDOWN DUE TO DETONATION - CHANGE IN GAS QUALITY.
11/14/2014	2329	0.0	Forced	Maintenance	1	53	FUEL SKID MAINTENANCE - REPLACE BROKEN BELTS ON FUEL SKID.
11/15/2014	0214	0.0	Forced	Fuel Outage	8	27	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
11/23/2014	1948	0.0	Forced	Maintenance	1	42	ENGINE SHUTDOWN DUE TO DETONATION - CHANGE IN GAS QUALITY DUE TO FLARE SHUTDOWN.
11/25/2014	0837	0.0	Scheduled	Maintenance	2	11	ENGINE MAINTENANCE - CHANGE OIL, FILTERS, PLUGS, AND ADJUST VALVES.
12/06/2014	1947	0.0	Forced	Maintenance	164	13	FUEL SKID MAINTENANCE - REPLACE FUEL SKID BLOWER.
01/02/2015	2124	0.0	Forced	Maintenance	2	5	ENGINE SHUTDOWN DUE TO DETONATION.
01/05/2015	1125	0.0	Forced	Maintenance	0	3	ENGINE SHUTDOWN DUE TO DETONATION.
01/05/2015	1738	0.0	Forced	Maintenance	1	49	ENGINE SHUTDOWN DUE TO DETONATION.
01/06/2015	2133	0.0	Forced	Maintenance	1	14	ENGINE SHUTDOWN DUE TO DETONATION.
01/07/2015	0006	0.0	Forced	Maintenance	0	30	ENGINE SHUTDOWN DUE TO DETONATION.
01/08/2015	0915	0.0	Forced	Maintenance	0	14	UTILITY BREAKER 52U OPERATION.
01/09/2015	1906	0.0	Forced	Maintenance	1	1	ENGINE SHUTDOWN DUE TO DETONATION.
01/10/2015	0958	0.0	Forced	Maintenance	1	6	ENGINE SHUTDOWN DUE TO DETONATION.
01/12/2015	0931	0.0	Scheduled	Maintenance	1	40	FUEL SKID MAINTENANCE - INSPECT FUEL SKID FILTERS.
01/14/2015	0332	0.0	Forced	Maintenance	13	19	ENGINE SHUTDOWN DUE TO DETONATION - REPLACE 2 CYLINDER HEADS.
01/15/2015	1404	0.0	Forced	Maintenance	0	29	UTILITY BREAKER 52U OPERATION.
01/18/2015	1023	0.0	Forced	Maintenance	2	53	UTILITY BREAKER 52U OPERATION.
01/21/2015	0908	0.0	Scheduled	Maintenance	0	19	ENGINE MAINTENANCE - INSPECT CYLINDER HEADS.
01/22/2015	1135	0.0	Scheduled	Maintenance	26	5	ENGINE MAINTENANCE - TOP END OVERHAUL.
01/26/2015	1135	0.0	Scheduled	Maintenance	4	21	ENGINE MAINTENANCE - PRESSURE WASH ENGINES AND ROOM.
01/27/2015	0442	0.0	Forced	Maintenance	8	18	ENGINE MAINTENANCE - REPLACE NO. 5 CYLINDER PACK AND HEAD DUE TO DROPPED VALVE.
02/06/2015	1009	0.0	Scheduled	Maintenance	3	52	ENGINE MAINTENANCE - INSTALL OIL LINES.

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#### Unit 001

Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
02/28/2015	0844	0.0	Forced	Maintenance	1	38	ENGINE SHUTDOWN DUE TO DETONATION - CHANGE IN GAS QUALITY.
03/01/2015	0117	0.0	Forced	Maintenance	1	43	ENGINE SHUTDOWN DUE TO DETONATION - CHANGE IN GAS QUALITY.
03/01/2015	0351	0.0	Forced	Fuel Outage	20	55	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
03/03/2015	1004	0.0	Scheduled	Maintenance	0	47	ENGINE MAINTENANCE - CHANGE OIL AND FILTERS.
03/06/2015	0803	0.0	Forced	Maintenance	3	54	ENGINE MAINTENANCE - REPLACE NO. 2 CYLINDER HEAD DUE TO BURNT VALVE GUIDE.
03/08/2015	0946	0.0	Forced	Maintenance	4	32	GENERATOR MAINTENANCE - REPLACE ROTATING DIODE WIRE.
03/11/2015	0906	0.0	Scheduled	Maintenance	3	6	FUEL SKID MAINTENANCE - REPLACE FUEL SKID FILTERS.
03/14/2015	0242	0.0	Forced	Maintenance	5	42	GENERATOR PROTECTIVE RELAY FAULT.
03/14/2015	0825	0.0	Forced	Maintenance	1	21	GENERATOR MAINTENANCE - REPLACE POWER TRANSFORMER.
03/24/2015	0900	0.0	Scheduled	Maintenance	55	9	ENGINE MAINTENANCE - INSTALL AIR FUEL RATIO CONTROLLER.
03/30/2015	1224	0.0	Scheduled	Maintenance	0	30	ENGINE MAINTENANCE - AIR FUEL RATIO TUNING.
04/02/2015	1000	0.0	Scheduled	Maintenance	1	14	ENGINE MAINTENANCE - AIR FUEL RATIO TUNING.
04/06/2015	0905	0.0	Scheduled	Maintenance	2	21	ENGINE MAINTENANCE - REPLACE WASTEGATE AND HOUSING.
04/06/2015	1243	0.0	Scheduled	Maintenance	1	12	ENGINE MAINTENANCE - REPLACE RIGHT HAND TURBO CARTRIDGE.
04/08/2015	0818	0.0	Scheduled	Maintenance	4	32	ENGINE MAINTENANCE - CHANGE OIL, FILTERS, PLUGS, AND ADJUST VALVES.
04/08/2015	1347	0.0	Forced	Maintenance	0	43	ENGINE MAINTENANCE - REPLACE NO. 6 TRANSFORMER PLUG.
04/22/2015	1214	0.0	Scheduled	Maintenance	1	47	ENGINE MAINTENANCE - INSPECT EXHAUST MANIFOLDS.
04/23/2015	0833	0.0	Scheduled	Maintenance	8	46	ENGINE MAINTENANCE - INSPECT VALVE TRAIN AND CYLINDER HEADS.
04/23/2015	1817	0.0	Forced	Maintenance	0	13	ENGINE MAINTENANCE - REPLACE FITTING ON CYLINDER HEAD LEAKING OIL.
04/24/2015	1117	0.0	Forced	Maintenance	0	19	ENGINE MAINTENANCE - FIX OIL LEAK ON ENGINE.
04/28/2015	1013	0.0	Scheduled	Maintenance	0	12	ENGINE MAINTENANCE - INSPECT AIR FUEL RATIO EQUIPMENT.
04/28/2015	1047	0.0	Scheduled	Maintenance	2	6	ENGINE MAINTENANCE - INSPECT AIR FUEL RATIO EQUIPMENT.
04/28/2015	1438	0.0	Forced	Maintenance	0	4	ENGINE SHUTDOWN DUE TO DETONATION.

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**Unit 001**

Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
04/29/2015	0929	0.0	Scheduled	Maintenance	0	39	ENGINE MAINTENANCE - INSPECT AIR FUEL RATIO EQUIPMENT.

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#### Unit 002

Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
11/03/2014	1309	0.0	Forced	Fuel Outage	0	13	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
11/05/2014	2236	0.0	Forced	Maintenance	4	46	ENGINE SHUTDOWN DUE TO DETONATION - CHANGE IN GAS QUALITY.
11/12/2014	0931	0.0	Scheduled	Maintenance	2	50	ENGINE MAINTENANCE - CHANGE OIL, FILTERS, PLUGS, AND ADJUST VALVES.
11/14/2014	2329	0.0	Forced	Maintenance	2	13	FUEL SKID MAINTENANCE - REPLACE BROKEN BELTS ON FUEL SKID.
11/15/2014	0214	0.0	Forced	Fuel Outage	9	7	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
11/23/2014	1957	0.0	Forced	Maintenance	1	34	ENGINE SHUTDOWN DUE TO DETONATION - CHANGE IN GAS QUALITY
12/02/2014	2337	0.0	Forced	Maintenance	8	20	DUE TO FLARE SHUTDOWN. ENGINE SHUTDOWN DUE TO DETONATION.
12/06/2014	1947	0.0	Forced	Maintenance	165	25	FUEL SKID MAINTENANCE - REPLACE FUEL SKID BLOWER.
12/18/2014	1225	0.0	Forced	Maintenance	4	15	ENGINE MAINTENANCE - REPLACE NO. 1 CYLINDER HEAD DUE TO BURNT VALVE GUIDE.
12/18/2014	1735	0.0	Forced	Maintenance	0	3	ENGINE SHUTDOWN DUE TO DETONATION - ADJUSTED FUEL PRESSURE.
12/21/2014	1601	0.0	Forced	Maintenance	2	0	ENGINE SHUTDOWN DUE TO DETONATION - ADJUSTED FUEL PRESSURE.
12/31/2014	0920	0.0	Scheduled	Maintenance	2	0	ENGINE MAINTENANCE - CHANGE OIL, FILTERS, PLUGS, AND ADJUST VALVES.
12/31/2014	1120	0.0	Forced	Maintenance	3	0	ENGINE MAINTENANCE - REPLACE NO. 13 CYLINDER HEAD DUE TO BURNT VALVE GUIDE.
01/02/2015	2209	0.0	Forced	Maintenance	0	40	ENGINE SHUTDOWN DUE TO DETONATION.
01/05/2015	1756	0.0	Forced	Maintenance	1	32	ENGINE SHUTDOWN DUE TO DETONATION.
01/06/2015	2136	0.0	Forced	Maintenance	1	12	ENGINE SHUTDOWN DUE TO DETONATION.
01/07/2015	0008	0.0	Forced	Maintenance	0	30	ENGINE SHUTDOWN DUE TO DETONATION.
01/07/2015	1143	0.0	Forced	Maintenance	0	3	ENGINE SHUTDOWN DUE TO DETONATION.
01/08/2015	0915	0.0	Forced	Maintenance	0	13	UTILITY BREAKER 52U OPERATION.
01/09/2015	1910	0.0	Forced	Maintenance	1	10	ENGINE SHUTDOWN DUE TO DETONATION.
01/10/2015	1001	0.0	Forced	Maintenance	2	12	ENGINE SHUTDOWN DUE TO DETONATION.
01/12/2015	0931	0.0	Scheduled	Maintenance	1	40	FUEL SKID MAINTENANCE - INSPECT FUEL SKID FILTERS.

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Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
01/15/2015	1350	0.0	Forced	Maintenance	0	8	ENGINE SHUTDOWN DUE TO DETONATION.
01/15/2015	1404	0.0	Forced	Maintenance	0	27	UTILITY BREAKER 52U OPERATION.
01/18/2015	1023	0.0	Forced	Maintenance	2	51	UTILITY BREAKER 52U OPERATION.
01/20/2015	0755	0.0	Forced	Maintenance	0	8	ENGINE SHUTDOWN DUE TO DETONATION.
01/20/2015	1310	0.0	Forced	Maintenance	3	31	ENGINE MAINTENANCE - REPLACE 2 CYLINDER HEADS.
01/21/2015	1002	0.0	Scheduled	Maintenance	1	13	ENGINE MAINTENANCE - INSPECT CYLINDER HEADS.
01/23/2015	1407	0.0	Scheduled	Maintenance	97	32	ENGINE MAINTENANCE - TOP END OVERHAUL.
01/27/2015	1624	0.0	Forced	Maintenance	0	15	ENGINE MAINTENANCE - REPLACE BAD SPARK PLUG.
02/10/2015	0909	0.0	Scheduled	Maintenance	4	32	ENGINE MAINTENANCE - REPLACE TWO CYLINDER HEADS DUE TO BURNT VALVE GUIDES.
02/11/2015	0912	0.0	Scheduled	Maintenance	5	50	ENGINE MAINTENANCE - REWIRE PRELUBE PUMP.
02/16/2015	1011	0.0	Scheduled	Maintenance	0	27	ENGINE MAINTENANCE - CHANGE OIL AND FILTERS.
03/01/2015	0150	0.0	Forced	Maintenance	1	4	ENGINE SHUTDOWN DUE TO DETONATION - CHANGE IN GAS QUALITY.
03/01/2015	2320	0.0	Forced	Maintenance	1	6	ENGINE SHUTDOWN DUE TO DETONATION - CHANGE IN GAS QUALITY.
03/11/2015	0906	0.0	Scheduled	Maintenance	3	7	FUEL SKID MAINTENANCE - REPLACE FUEL SKID FILTERS.
03/16/2015	1204	0.0	Forced	Maintenance	4	24	ENGINE MAINTENANCE - REPLACE TWO CYLINDER HEADS DUE TO BURNT VALVE GUIDES.
04/03/2015	0820	0.0	Scheduled	Maintenance	1	15	ENGINE MAINTENANCE - CHANGE OIL AND FILTERS.
04/08/2015	0917	0.0	Forced	Maintenance	0	3	ENGINE SHUTDOWN DUE TO DETONATION.
04/08/2015	0926	0.0	Forced	Maintenance	1	20	ENGINE MAINTENANCE - REPLACE BROKEN BRIDGE AND ROCKER ARM.
04/10/2015	1109	0.0	Forced	Maintenance	0	18	ENGINE MAINTENANCE - REPLACE NO. 6 SPARK PLUG.
04/10/2015	1155	0.0	Forced	Maintenance	0	9	ENGINE MAINTENANCE - REPLACE NO. 6 TRANSFORMER.
04/28/2015	1028	0.0	Scheduled	Maintenance	3	57	ENGINE MAINTENANCE - SHUTDOWN TO TEST AIR FUEL RATIO ON UNIT 1.

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#### Unit 003

Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
11/03/2014	1309	0.0	Forced	Fuel Outage	0	38	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
11/05/2014	1010	0.0	Scheduled	Maintenance	2	41	ENGINE MAINTENANCE - CHANGE OIL, FILTERS, PLUGS, AND ADJUST VALVES.
11/06/2014	0210	0.0	Forced	Maintenance	1	14	ENGINE SHUTDOWN DUE TO DETONATION - CHANGE IN GAS QUALITY.
11/14/2014	0617	0.0	Forced	Maintenance	2	10	ENGINE SHUTDOWN DUE TO DETONATION.
11/14/2014	2329	0.0	Forced	Maintenance	1	59	FUEL SKID MAINTENANCE - REPLACE BROKEN BELTS ON FUEL SKID.
11/15/2014	0214	0.0	Forced	Fuel Outage	8	18	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
11/23/2014	2002	0.0	Forced	Maintenance	1	30	ENGINE SHUTDOWN DUE TO DETONATION - CHANGE IN GAS QUALITY DUE TO FLARE SHUTDOWN.
12/03/2014	0521	0.0	Forced	Maintenance	2	31	ENGINE SHUTDOWN DUE TO DETONATION.
12/06/2014	1947	0.0	Forced	Fuel Outage	163	22	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
12/13/2014	1600	0.0	Forced	Maintenance	3	43	ENGINE MAINTENANCE - REPLACE FLEXIBLE COUPLING.
12/29/2014	0924	0.0	Scheduled	Maintenance	2	28	ENGINE MAINTENANCE - CHANGE OIL, FILTERS, PLUGS, AND ADJUST VALVES.
01/05/2015	1802	0.0	Forced	Maintenance	1	28	ENGINE SHUTDOWN DUE TO DETONATION.
01/06/2015	2136	0.0	Forced	Maintenance	1	14	ENGINE SHUTDOWN DUE TO DETONATION.
01/07/2015	0008	0.0	Forced	Maintenance	0	29	ENGINE SHUTDOWN DUE TO DETONATION.
01/08/2015	0915	0.0	Forced	Maintenance	0	14	UTILITY BREAKER 52U OPERATION.
01/09/2015	1909	0.0	Forced	Maintenance	1	3	ENGINE SHUTDOWN DUE TO DETONATION.
01/12/2015	0931	0.0	Scheduled	Maintenance	1	40	FUEL SKID MAINTENANCE - INSPECT FUEL SKID FILTERS.
01/15/2015	1404	0.0	Forced	Maintenance	0	25	UTILITY BREAKER 52U OPERATION.
01/18/2015	1023	0.0	Forced	Maintenance	2	48	UTILITY BREAKER 52U OPERATION.
01/21/2015	0929	0.0	Scheduled	Maintenance	0	14	ENGINE MAINTENANCE - INSPECT CYLINDER HEADS.
01/22/2015	0900	0.0	Scheduled	Maintenance	199	49	ENGINE MAINTENANCE - IN FRAME OVERHAUL.
02/02/2015	0849	0.0	Scheduled	Maintenance	4	26	ENGINE MAINTENANCE - INSTALL OIL LINES.
02/05/2015	0829	0.0	Scheduled	Maintenance	6	52	ENGINE MAINTENANCE - INSTALL OIL LINES.
02/16/2015	1040	0.0	Scheduled	Maintenance	0	24	ENGINE MAINTENANCE - CHANGE OIL AND FILTERS.
02/23/2015	1235	0.0	Scheduled	Maintenance	0	24	ENGINE MAINTENANCE - REPLACE OIL TEMPERATURE THERMOSTAT.

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Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
03/01/2015	0150	0.0	Forced	Maintenance	1	6	ENGINE SHUTDOWN DUE TO DETONATION - CHANGE IN GAS QUALITY.
03/03/2015	0925	0.0	Forced	Maintenance	0	38	ENGINE MAINTENANCE - REPLACE NO. 4 AND 11 SPARK PLUGS.
03/11/2015	0906	0.0	Scheduled	Maintenance	3	11	FUEL SKID MAINTENANCE - REPLACE FUEL SKID FILTERS.
03/16/2015	0953	0.0	Scheduled	Maintenance	2	10	ENGINE MAINTENANCE - CHANGE SPARK PLUGS AND ADJUST VALVES.
03/23/2015	1146	0.0	Forced	Maintenance	0	4	ENGINE SHUTDOWN DUE TO DETONATION - CHANGE IN GAS QUALITY DUE TO FLARE SHUTDOWN.
04/02/2015	0831	0.0	Scheduled	Maintenance	1	24	ENGINE MAINTENANCE - CHANGE OIL AND FILTERS.
04/02/2015	1000	0.0	Forced	Maintenance	0	2	ENGINE SHUTDOWN DUE TO DETONATION.
04/02/2015	1006	0.0	Forced	Maintenance	0	3	ENGINE SHUTDOWN DUE TO DETONATION.
04/02/2015	1027	0.0	Forced	Maintenance	0	34	ENGINE SHUTDOWN DUE TO DETONATION - REPLACE SPARK PLUG AND TRANSFORMER.
04/05/2015	0237	0.0	Forced	Maintenance	1	14	ENGINE SHUTDOWN DUE TO DETONATION.
04/05/2015	0357	0.0	Forced	Maintenance	0	2	ENGINE SHUTDOWN DUE TO DETONATION.
04/05/2015	0406	0.0	Forced	Maintenance	0	2	ENGINE SHUTDOWN DUE TO DETONATION.
04/05/2015	0409	0.0	Forced	Maintenance	0	3	ENGINE SHUTDOWN DUE TO DETONATION.
04/05/2015	0422	0.0	Forced	Maintenance	0	3	ENGINE SHUTDOWN DUE TO DETONATION.
04/09/2015	0819	0.0	Scheduled	Maintenance	32	57	ENGINE MAINTENANCE - INSTALL AIR FUEL RATIO.
04/10/2015	1727	0.0	Forced	Maintenance	0	1	ENGINE SHUTDOWN DUE TO DETONATION.
04/10/2015	1729	0.0	Forced	Maintenance	0	1	ENGINE SHUTDOWN DUE TO DETONATION.
04/10/2015	1732	0.0	Forced	Maintenance	0	1	ENGINE SHUTDOWN DUE TO DETONATION.
04/10/2015	1739	0.0	Forced	Maintenance	0	2	ENGINE SHUTDOWN DUE TO DETONATION.
04/10/2015	1746	0.0	Forced	Maintenance	0	14	ENGINE SHUTDOWN DUE TO DETONATION.
04/11/2015	0558	0.0	Forced	Maintenance	4	15	ENGINE SHUTDOWN DUE TO DETONATION.
04/11/2015	1030	0.0	Forced	Maintenance	0	2	ENGINE SHUTDOWN DUE TO DETONATION.
04/11/2015	1033	0.0	Forced	Maintenance	0	1	ENGINE SHUTDOWN DUE TO DETONATION.

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Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
04/11/2015	1035	0.0	Forced	Maintenance	0	2	ENGINE SHUTDOWN DUE TO DETONATION.
04/11/2015	1038	0.0	Forced	Maintenance	0	1	ENGINE SHUTDOWN DUE TO DETONATION.
04/11/2015	1040	0.0	Forced	Maintenance	0	1	ENGINE SHUTDOWN DUE TO DETONATION.
04/11/2015	1042	0.0	Forced	Maintenance	0	2	ENGINE SHUTDOWN DUE TO DETONATION.
04/11/2015	1045	0.0	Forced	Maintenance	0	3	ENGINE SHUTDOWN DUE TO DETONATION.
04/11/2015	1049	0.0	Forced	Maintenance	0	6	ENGINE SHUTDOWN DUE TO DETONATION.
04/11/2015	1108	0.0	Forced	Maintenance	0	1	ENGINE SHUTDOWN DUE TO DETONATION.
04/11/2015	1111	0.0	Forced	Maintenance	0	2	ENGINE SHUTDOWN DUE TO DETONATION.
04/11/2015	1114	0.0	Forced	Maintenance	0	32	ENGINE SHUTDOWN DUE TO DETONATION.
04/11/2015	1153	0.0	Forced	Maintenance	0	3	ENGINE SHUTDOWN DUE TO DETONATION.
04/11/2015	1202	0.0	Forced	Maintenance	0	48	ENGINE SHUTDOWN DUE TO DETONATION.
04/11/2015	1301	0.0	Forced	Maintenance	0	8	ENGINE SHUTDOWN DUE TO DETONATION.
04/28/2015	1028	0.0	Scheduled	Maintenance	3	58	ENGINE MAINTENANCE - SHUTDOWN TO TEST AIR FUEL RATIO ON UNIT 1.

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Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
11/02/2014	0019	0.0	Forced	Maintenance	30	41	ENGINE SHUTDOWN DUE TO DETONATION - SHUTDOWN DUE TO DROPPED VALVE.
11/03/2014	0700	0.0	Scheduled	Maintenance	36	44	ENGINE MAINTENANCE - TOP END OVERHAUL.
11/14/2014	2329	0.0	Forced	Maintenance	2	45	FUEL SKID MAINTENANCE - REPLACE BROKEN BELTS ON FUEL SKID.
11/15/2014	0214	0.0	Forced	Fuel Outage	8	19	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
12/06/2014	1947	0.0	Forced	Maintenance	163	17	FUEL SKID MAINTENANCE - REPLACE FUEL SKID BLOWER.
12/30/2014	0920	0.0	Scheduled	Maintenance	2	55	ENGINE MAINTENANCE - CHANGE OIL, FILTERS, PLUGS, AND ADJUST VALVES.
01/08/2015	0915	0.0	Forced	Maintenance	0	21	UTILITY BREAKER 52U OPERATION.
01/12/2015	0931	0.0	Scheduled	Maintenance	1	40	FUEL SKID MAINTENANCE - INSPECT FUEL SKID FILTERS.
01/15/2015	1404	0.0	Forced	Maintenance	0	21	UTILITY BREAKER 52U OPERATION.
01/18/2015	1023	0.0	Forced	Maintenance	2	45	UTILITY BREAKER 52U OPERATION.
01/26/2015	1135	0.0	Scheduled	Maintenance	4	25	ENGINE MAINTENANCE - PRESSURE WASH ENGINE AND ROOM.
02/11/2015	0912	0.0	Scheduled	Maintenance	2	54	ENGINE MAINTENANCE - CHANGE OIL, FILTERS, PLUGS, AND ADJUST VALVES.
02/24/2015	1423	0.0	Forced	Maintenance	0	6	ENGINE SHUTDOWN DUE TO DETONATION - CHANGE IN GAS QUALITY.
02/26/2015	0704	0.0	Forced	Maintenance	1	45	ENGINE SHUTDOWN DUE TO DETONATION - CHANGE IN GAS QUALITY.
02/26/2015	1209	0.0	Forced	Maintenance	0	3	ENGINE SHUTDOWN DUE TO DETONATION - CHANGE IN GAS QUALITY.
02/26/2015	1257	0.0	Forced	Maintenance	0	26	ENGINE MAINTENANCE - ADJUST NO. 9 VALVES.
02/27/2015	1750	0.0	Forced	Fuel Outage	30	10	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
03/01/2015	0000	0.0	Forced	Fuel Outage	57	25	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
03/03/2015	1916	0.0	Forced	Maintenance	12	50	ENGINE SHUTDOWN DUE TO DETONATION - CHANGE IN GAS QUALITY.
03/05/2015	2315	0.0	Forced	Maintenance	8	31	ENGINE SHUTDOWN DUE TO DETONATION - CHANGE IN GAS QUALITY.
03/07/2015	0011	0.0	Forced	Maintenance	1	0	ENGINE SHUTDOWN DUE TO DETONATION - CHANGE IN GAS QUALITY.
03/07/2015	0123	0.0	Forced	Maintenance	0	18	ENGINE SHUTDOWN DUE TO DETONATION - CHANGE IN GAS QUALITY DUE TO FLARE SHUTDOWN.
03/07/2015	0858	0.0	Forced	Maintenance	0	18	ENGINE MAINTENANCE - INSPECT NO. 7 VALVE ADJUSTMENT.
03/07/2015	1025	0.0	Forced	Maintenance	1	4	ENGINE SHUTDOWN DUE TO DETONATION.
03/07/2015		0.0	Forced	Maintenance	0	51	ENGINE SHUTDOWN DUE TO DETONATION.

**Production Management Reporting System**



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**Bavarian Landfill**

**Unit 004**

Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
03/07/2015	1322	0.0	Forced	Maintenance	6	38	ENGINE SHUTDOWN DUE TO DETONATION.
03/08/2015	0345	0.0	Forced	Maintenance	6	1	ENGINE SHUTDOWN DUE TO DETONATION.
03/08/2015	1009	0.0	Forced	Maintenance	0	4	ENGINE SHUTDOWN DUE TO DETONATION.
03/08/2015	1016	0.0	Forced	Maintenance	0	28	ENGINE MAINTENANCE - INSPECT VALVE ADJUSTMENT.
03/08/2015	1057	0.0	Forced	Maintenance	0	21	ENGINE SHUTDOWN DUE TO DETONATION.
03/08/2015	1134	0.0	Forced	Maintenance	1	2	ENGINE MAINTENANCE - INSPECT VALVE ADJUSTMENT.
03/08/2015	1324	0.0	Forced	Maintenance	0	36	ENGINE MAINTENANCE - REPLACE NO. 2 BRIDGE AND ADJUSTING SCREW.
03/08/2015	1407	0.0	Forced	Maintenance	0	24	ENGINE MAINTENANCE - REPLACE NO. 14 BRIDGE AND ADJUSTING SCREW.
03/08/2015	1435	0.0	Forced	Maintenance	0	5	ENGINE SHUTDOWN DUE TO DETONATION.
03/08/2015	1441	0.0	Forced	Maintenance	0	32	ENGINE MAINTENANCE - REPLACE DETONATION SENSOR.
03/11/2015	0906	0.0	Scheduled	Maintenance	3	12	FUEL SKID MAINTENANCE - REPLACE FUEL SKID FILTERS.
03/24/2015	1223	0.0	Forced	Maintenance	0	16	ENGINE SHUTDOWN DUE TO DETONATION - CHANGE IN GAS QUALITY DUE TO FLARE SHUTDOWN.
04/01/2015	1211	0.0	Scheduled	Maintenance	2	58	ENGINE MAINTENANCE - CHANGE OIL, FILTERS, PLUGS, AND ADJUST VALVES.
04/02/2015	1000	0.0	Forced	Maintenance	1	18	ENGINE MAINTENANCE - REPLACE ACTUATOR.
04/07/2015	0838	0.0	Forced	Maintenance	3	54	ENGINE MAINTENANCE - REPLACE TWO CYLINDER HEADS DUE TO BURNT VALVES.
04/08/2015	0037	0.0	Forced	Maintenance	7	23	ENGINE MAINTENANCE - ENGINE SHUTDOWN DUE TO LOW COOLANT LEVEL.
04/24/2015	0807	0.0	Forced	Maintenance	5	17	ENGINE MAINTENANCE - REPLACE NO. 4 AND 6 CYLINDER HEADS DUE TO BURNT VALVES.
04/28/2015	1028	0.0	Scheduled	Maintenance	4	5	ENGINE MAINTENANCE - SHUTDOWN TO TEST AIR FUEL RATIO ON UNIT 1.

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**Hardin Co. Landfill**

**Unit 001**

Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
11/01/2014	1050	0.0	Forced	Maintenance	2	35	UTILITY BREAKER 52U OPERATION.
11/01/2014	1335	0.0	Forced	Maintenance	0	5	ENGINE SHUTDOWN DUE TO DETONATION.
11/01/2014	1350	0.0	Forced	Maintenance	0	6	ENGINE SHUTDOWN DUE TO DETONATION.
11/01/2014	1450	0.0	Forced	Maintenance	0	30	ENGINE SHUTDOWN DUE TO DETONATION.
11/01/2014	1520	0.0	Forced	Fuel Outage	47	10	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
11/04/2014	0830	0.0	Forced	Fuel Outage	3	5	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
11/04/2014	1450	0.0	Forced	Fuel Outage	22	40	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
11/16/2014	0100	0.0	Forced	Maintenance	6	15	ENGINE SHUTDOWN DUE TO DETONATION.
11/17/2014	0900	0.0	Forced	Maintenance	0	5	ENGINE MAINTENANCE - LOSS OF FIELD.
11/22/2014	1900	0.0	Forced	Maintenance	1	50	ENGINE MAINTENANCE - SHORT IN WIRING.
11/22/2014	2050	0.0	Forced	Fuel Outage	90	0	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
12/04/2014	0740	0.0	Forced	Fuel Outage	46	10	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
12/08/2014	0900	0.0	Forced	Fuel Outage	5	40	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
12/15/2014	0625	0.0	Forced	Maintenance	0	15	GENERATOR PROTECTIVE RELAY FAULT - LOSS OF FIELD.
12/17/2014	0500	0.0	Forced	Maintenance	2	50	ENGINE MAINTENANCE - LOSS OF FIELD.
12/18/2014	1220	0.0	Forced	Maintenance	0	10	ENGINE MAINTENANCE - LOSS OF FIELD.
12/18/2014	1430	0.0	Forced	Maintenance	0	5	ENGINE MAINTENANCE - LOSS OF FIELD.
01/03/2015	2300	0.0	Forced	Maintenance	7	50	GENERATOR PROTECTIVE RELAY FAULT - DIRECTIONAL POWER FAULT.
01/04/2015	0700	0.0	Forced	Maintenance	0	50	GENERATOR PROTECTIVE RELAY FAULT - DIRECTIONAL POWER FAULT.
01/05/2015	1350	0.0	Forced	Fuel Outage	48	20	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
01/08/2015	0725	0.0	Forced	Maintenance	0	35	ENGINE SHUTDOWN DUE TO DETONATION.
01/10/2015	0600	0.0	Forced	Maintenance	1	15	GENERATOR PROTECTIVE RELAY FAULT - DIRECTIONAL POWER FAULT.
01/10/2015	0740	0.0	Forced	Maintenance	0	5	GENERATOR PROTECTIVE RELAY FAULT - DIRECTIONAL POWER FAULT.
01/14/2015	0900	0.0	Forced	Fuel Outage	54	20	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
01/19/2015	0900	0.0	Forced	Fuel Outage	6	25	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
01/23/2015	1315	0.0	Forced	Maintenance	0	30	ENGINE MAINTENANCE - REPLACED SPARK PLUG.

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#### Unit 001

Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
01/24/2015	1125	0.0	Forced	Maintenance	2	37	UTILITY BREAKER 52U OPERATION CAUSED BY STORMS.
01/25/2015	1820	0.0	Forced	Maintenance	1	30	ENGINE SHUTDOWN DUE TO DETONATION.
01/30/2015	0430	0.0	Forced	Maintenance	4	5	ENGINE SHUTDOWN DUE TO DETONATION.
01/30/2015	1600	0.0	Forced	Fuel Outage	32	0	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
02/01/2015	0000	0.0	Forced	Fuel Outage	90	35	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
02/09/2015	1116	0.0	Forced	Maintenance	0	9	GENERATOR PROTECTIVE RELAY FAULT - LOSS OF FIELD.
02/09/2015	1130	0.0	Forced	Maintenance	1	50	ENGINE MAINTENANCE - REPLACED TURBO.
02/10/2015	1120	0.0	Forced	Maintenance	2	15	GENERATOR PROTECTIVE RELAY FAULT - DIRECTIONAL POWER FAULT.
02/11/2015	0900	0.0	Forced	Maintenance	1	45	FUEL SKID MAINTENANCE - FUEL SKID SHUT DOWN.
02/12/2015	1325	0.0	Forced	Maintenance	0	10	ENGINE MAINTENANCE - HIGH OIL TEMPERATURE.
02/16/2015	0320	0.0	Forced	Maintenance	2	25	GENERATOR PROTECTIVE RELAY FAULT - DIRECTIONAL POWER FAULT.
02/18/2015	1000	0.0	Scheduled	Maintenance	0	45	ENGINE MAINTENANCE - OIL AND FILTER CHANGE.
02/19/2015	1005	0.0	Forced	Maintenance	5	50	GENERATOR PROTECTIVE RELAY FAULT - COOLANT TEMPERATURE FAULT.
02/20/2015	0450	0.0	Forced	Maintenance	3	10	UTILITY BREAKER 52U OPERATION - NOLIN POWER OUTAGE.
03/08/2015	1445	0.0	Forced	Maintenance	1	35	ENGINE SHUTDOWN DUE TO DETONATION.
03/13/2015	0715	0.0	Forced	Maintenance	1	20	FUEL SKID MAINTENANCE - OVERLOADS TRIPPED.
03/13/2015	0850	0.0	Forced	Maintenance	0	10	ENGINE SHUTDOWN DUE TO DETONATION.
03/14/2015	2100	0.0	Forced	Fuel Outage	1	20	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
03/15/2015	0050	0.0	Forced	Fuel Outage	8	35	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
03/16/2015	2200	0.0	Forced	Maintenance	1	25	ENGINE SHUTDOWN DUE TO DETONATION.
03/17/2015	0900	0.0	Forced	Fuel Outage	4	35	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
03/19/2015	0900	0.0	Forced	Fuel Outage	96	0	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
03/23/2015	1340	0.0	Scheduled	Maintenance	1	35	RADIATOR MAINTENANCE - DRAIN AND REPLACE COOLANT.
03/28/2015	0800	0.0	Forced	Maintenance	2	35	FUEL SKID MAINTENANCE - SHUT DOWN ON DIFFERENTIAL PRESSURE.

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**Unit 001**

Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
03/30/2015	0900	0.0	Forced	Fuel Outage	4	0	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
03/30/2015	1500	0.0	Forced	Fuel Outage	33	0	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
04/01/2015	0000	0.0	Forced	Fuel Outage	9	0	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
04/06/2015	1615	0.0	Forced	Maintenance	0	40	FUEL SKID MAINTENANCE - LOW BLOWER SUCTION FAULT.
04/07/2015	1740	0.0	Forced	Maintenance	2	25	UTILITY BREAKER 52U OPERATION CAUSED BY STORMS.
04/08/2015	0250	0.0	Forced	Maintenance	5	25	GENERATOR PROTECTIVE RELAY FAULT - NEGATIVE SEQUENCE CURRENT DIFFERENTIAL FAULT.
04/08/2015	0820	0.0	Forced	Maintenance	0	5	GENERATOR PROTECTIVE RELAY FAULT - NEGATIVE SEQUENCE CURRENT DIFFERENTIAL FAULT.
04/08/2015	0830	0.0	Forced	Maintenance	4	30	GENERATOR PROTECTIVE RELAY FAULT - NEGATIVE SEQUENCE CURRENT DIFFERENTIAL FAULT.
04/08/2015	1301	0.0	Forced	Maintenance	118	9	GENERATOR PROTECTIVE RELAY FAULT - NEGATIVE SEQUENCE CURRENT DIFFERENTIAL FAULT.
04/13/2015	1425	0.0	Forced	Maintenance	66	23	GENERATOR PROTECTIVE RELAY FAULT - NEGATIVE SEQUENCE CURRENT DIFFERENTIAL FAULT.
04/16/2015	1625	0.0	Forced	Fuel Outage	0	40	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
04/16/2015	1725	0.0	Forced	Fuel Outage	342	35	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.

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**Hardin Co. Landfill**

**Unit 002**

Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
11/01/2014	0000	0.0	Forced	Fuel Outage	15	20	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
11/06/2014	0400	0.0	Forced	Maintenance	1	30	ENGINE SHUTDOWN DUE TO DETONATION.
11/06/2014	0530	0.0	Forced	Fuel Outage	195	35	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
11/15/2014	2333	0.0	Forced	Maintenance	7	27	ENGINE SHUTDOWN DUE TO DETONATION.
11/16/2014	0700	0.0	Forced	Fuel Outage	26	0	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
11/17/2014	1520	0.0	Forced	Fuel Outage	125	30	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
11/24/2014	0430	0.0	Forced	Maintenance	2	20	UTILITY BREAKER 52U OPERATION CAUSED BY STORMS.
11/26/2014	1450	0.0	Forced	Fuel Outage	105	10	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
12/01/2014	0000	0.0	Forced	Fuel Outage	35	10	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
12/06/2014	0005	0.0	Forced	Maintenance	5	45	ENGINE SHUTDOWN DUE TO DETONATION.
12/06/2014	0550	0.0	Forced	Fuel Outage	51	10	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
12/08/2014	1440	0.0	Forced	Fuel Outage	159	45	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
12/15/2014	0900	0.0	Forced	Fuel Outage	21	0	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
12/17/2014	0205	0.0	Forced	Maintenance	2	55	ENGINE SHUTDOWN DUE TO DETONATION.
12/17/2014	0730	0.0	Forced	Fuel Outage	28	0	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
12/18/2014	1200	0.0	Forced	Maintenance	0	20	ENGINE SHUTDOWN DUE TO DETONATION.
12/18/2014	1415	0.0	Forced	Maintenance	0	15	ENGINE MAINTENANCE - REPLACED SPARK TRANSFORMER.
12/19/2014	0900	0.0	Forced	Fuel Outage	303	0	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
01/01/2015	0000	0.0	Forced	Fuel Outage	79	40	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
01/06/2015	0940	0.0	Forced	Maintenance	0	40	ENGINE SHUTDOWN DUE TO DETONATION.
01/07/2015	1415	0.0	Forced	Fuel Outage	162	45	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
01/16/2015	1520	0.0	Forced	Fuel Outage	65	40	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
01/19/2015	1555	0.0	Forced	Fuel Outage	255	55	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
01/30/2015	0805	0.0	Forced	Maintenance	0	10	ENGINE SHUTDOWN DUE TO DETONATION.

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#### Unit 002

Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
02/01/2015	0435	0.0	Forced	Maintenance	3	40	ENGINE SHUTDOWN DUE TO DETONATION.
02/01/2015	1715	0.0	Forced	Maintenance	1	15	ENGINE SHUTDOWN DUE TO DETONATION.
02/02/2015	0750	0.0	Forced	Maintenance	9	40	ENGINE SHUTDOWN DUE TO DETONATION.
02/02/2015	1735	0.0	Forced	Maintenance	0	10	ENGINE SHUTDOWN DUE TO DETONATION.
02/03/2015	0750	0.0	Forced	Maintenance	0	15	ENGINE SHUTDOWN DUE TO DETONATION.
02/04/2015	1835	0.0	Forced	Fuel Outage	112	40	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
02/09/2015	1315	0.0	Forced	Fuel Outage	45	25	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
02/16/2015	0320	0.0	Forced	Maintenance	2	10	GENERATOR PROTECTIVE RELAY FAULT - DIRECTIONAL POWER FAULT.
02/16/2015	0645	0.0	Forced	Fuel Outage	305	15	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
03/01/2015	0000	0.0	Forced	Fuel Outage	393	15	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
03/17/2015	1340	0.0	Forced	Fuel Outage	43	20	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
03/28/2015	0800	0.0	Forced	Maintenance	2	30	FUEL SKID MAINTENANCE - SHUT DOWN ON DIFFERENTIAL PRESSURE.
04/06/2015	1615	0.0	Forced	Maintenance	0	30	FUEL SKID MAINTENANCE - LOW BLOWER SUCTION.
04/07/2015	1740	0.0	Forced	Maintenance	2	15	UTILITY BREAKER 52U OPERATION CAUSED BY STORMS.
04/08/2015	0250	0.0	Forced	Maintenance	5	20	GENERATOR PROTECTIVE RELAY FAULT - NEGATIVE SEQUENCE CURRENT DIFFERENTIAL FAULT.
04/08/2015	0832	0.0	Forced	Maintenance	1	48	GENERATOR PROTECTIVE RELAY FAULT - NEGATIVE SEQUENCE CURRENT DIFFERENTIAL FAULT.
04/08/2015	1220	0.0	Forced	Maintenance	0	15	GENERATOR PROTECTIVE RELAY FAULT - NEGATIVE SEQUENCE CURRENT DIFFERENTIAL FAULT.
04/08/2015	1240	0.0	Forced	Maintenance	0	50	GENERATOR PROTECTIVE RELAY FAULT - NEGATIVE SEQUENCE CURRENT DIFFERENTIAL FAULT.
04/13/2015	1425	0.0	Forced	Maintenance	0	25	GENERATOR PROTECTIVE RELAY FAULT - NEGATIVE SEQUENCE CURRENT DIFFERENTIAL FAULT.
04/14/2015	0000	0.0	Forced	Maintenance	14	10	UTILITY BREAKER 52U OPERATION CAUSED BY STORMS.
04/16/2015	1350	0.0	Scheduled	Maintenance	2	25	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY - LANDFILL REPAIRS.

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**Unit 002**

Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
04/16/2015	1625	0.0	Forced	Fuel Outage	17	27	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
04/17/2015	1038	0.0	Forced	Maintenance	0	5	ENGINE SHUTDOWN DUE TO DETONATION.
04/21/2015	2305	0.0	Forced	Fuel Outage	6	5	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
04/22/2015	0635	0.0	Forced	Fuel Outage	10	45	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
04/23/2015	1110	0.0	Forced	Fuel Outage	142	35	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.

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**Unit 003**

Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
11/01/2014	1050	0.0	Forced	Maintenance	1	10	UTILITY BREAKER 52U OPERATION.
11/03/2014	1400	0.0	Forced	Fuel Outage	18	50	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
11/04/2014	1115	0.0	Forced	Maintenance	3	35	ENGINE SHUTDOWN DUE TO DETONATION.
11/05/2014	1330	0.0	Forced	Fuel Outage	16	0	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
11/14/2014	0900	0.0	Forced	Fuel Outage	46	0	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
11/17/2014	0900	0.0	Forced	Fuel Outage	6	20	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
11/24/2014	0430	0.0	Forced	Maintenance	2	30	UTILITY BREAKER 52U OPERATION CAUSED BY STORMS.
12/02/2014	0535	0.0	Forced	Maintenance	1	50	ENGINE SHUTDOWN DUE TO DETONATION.
12/02/2014	0745	0.0	Forced	Maintenance	0	15	ENGINE SHUTDOWN DUE TO DETONATION.
12/02/2014	0846	0.0	Forced	Maintenance	0	29	ENGINE SHUTDOWN DUE TO DETONATION.
12/02/2014	1110	0.0	Forced	Fuel Outage	44	50	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
12/09/2014	2000	0.0	Forced	Maintenance	2	50	ENGINE SHUTDOWN DUE TO DETONATION.
12/11/2014	0925	0.0	Forced	Maintenance	0	15	ENGINE SHUTDOWN DUE TO DETONATION.
12/12/2014	0715	0.0	Forced	Maintenance	1	15	ENGINE SHUTDOWN DUE TO DETONATION.
12/12/2014	0900	0.0	Forced	Maintenance	2	50	ENGINE MAINTENANCE - REPLACED HEAD.
12/14/2014	1320	0.0	Forced	Maintenance	1	20	ENGINE SHUTDOWN DUE TO DETONATION.
12/15/2014	0445	0.0	Forced	Maintenance	4	15	ENGINE SHUTDOWN DUE TO DETONATION.
12/16/2014	0120	0.0	Forced	Maintenance	27	55	ENGINE SHUTDOWN DUE TO DETONATION.
12/18/2014	1130	0.0	Forced	Fuel Outage	21	30	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
12/19/2014	0915	0.0	Forced	Maintenance	0	15	ENGINE MAINTENANCE - DIRECTIONAL POWER FAULT.
01/03/2015	2140	0.0	Forced	Maintenance	22	0	ENGINE SHUTDOWN DUE TO DETONATION.
01/04/2015	1940	0.0	Forced	Fuel Outage	18	50	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
01/05/2015	1845	0.0	Forced	Maintenance	2	15	ENGINE SHUTDOWN DUE TO DETONATION.
01/05/2015	2110	0.0	Forced	Fuel Outage	17	55	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.

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**Unit 003**

Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
01/10/2015	0315	0.0	Forced	Maintenance	3	45	GENERATOR PROTECTIVE RELAY FAULT - DIRECTIONAL POWER FAULT.
01/19/2015	1525	0.0	Scheduled	Maintenance	0	45	ENGINE MAINTENANCE - CHANGE OIL AND FILTERS.
01/24/2015	1125	0.0	Forced	Maintenance	2	10	UTILITY BREAKER 52U OPERATION CAUSED BY STORMS.
01/24/2015	1344	0.0	Forced	Maintenance	0	16	ENGINE MAINTENANCE - DIRECTIONAL POWER FAULT.
01/27/2015	1850	0.0	Forced	Maintenance	2	54	ENGINE SHUTDOWN DUE TO DETONATION.
01/27/2015	2145	0.0	Forced	Maintenance	0	9	ENGINE MAINTENANCE - DIRECTIONAL POWER FAULT.
01/28/2015	0930	0.0	Forced	Maintenance	2	0	ENGINE MAINTENANCE - DIRECTIONAL POWER FAULT.
01/30/2015	0140	0.0	Forced	Maintenance	6	35	ENGINE SHUTDOWN DUE TO DETONATION.
01/30/2015	0815	0.0	Forced	Fuel Outage	7	45	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
02/02/2015	0750	0.0	Forced	Maintenance	0	10	ENGINE SHUTDOWN DUE TO DETONATION.
02/02/2015	0855	0.0	Forced	Maintenance	0	5	ENGINE SHUTDOWN DUE TO DETONATION.
02/02/2015	1115	0.0	Forced	Maintenance	0	15	ENGINE SHUTDOWN DUE TO DETONATION.
02/03/2015	1330	0.0	Forced	Maintenance	0	10	ENGINE SHUTDOWN DUE TO DETONATION.
02/05/2015	1935	0.0	Forced	Maintenance	2	10	ENGINE MAINTENANCE - DIRECTIONAL POWER FAULT.
02/07/2015	1710	0.0	Forced	Maintenance	1	20	ENGINE SHUTDOWN DUE TO DETONATION.
02/09/2015	1110	0.0	Forced	Fuel Outage	0	35	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
02/10/2015	1120	0.0	Forced	Maintenance	2	5	GENERATOR PROTECTIVE RELAY FAULT - DIRECTIONAL POWER FAULT.
02/11/2015	0900	0.0	Forced	Fuel Outage	313	10	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
03/06/2015	0900	0.0	Forced	Fuel Outage	71	0	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
03/12/2015	1000	0.0	Scheduled	Maintenance	0	45	ENGINE MAINTENANCE - CHANGE OIL AND FILITERS.
03/13/2015	0715	0.0	Forced	Maintenance	1	25	FUEL SKID MAINTENANCE - OVERLOADS TRIPPED.
03/14/2015	2100	0.0	Forced	Fuel Outage	1	30	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
03/15/2015	0050	0.0	Forced	Fuel Outage	8	10	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
03/23/2015	0900	0.0	Forced	Fuel Outage	168	0	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.

**Production Management Reporting System**



East Kentucky Power

**Appendix B**

**From: November 1, 2014 thru April 30, 2015**

**ITEM NO. 7**

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**Hardin Co. Landfill**

**Unit 003**

Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
03/30/2015	1300	0.0	Forced	Fuel Outage	2	5	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
04/01/2015	0900	0.0	Forced	Fuel Outage	171	20	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
04/08/2015	1240	0.0	Forced	Maintenance	0	5	GENERATOR PROTECTIVE RELAY FAULT - NEGATIVE SEQUENCE CURRENT DIFFERENTIAL FAULT.
04/08/2015	1305	0.0	Forced	Fuel Outage	538	55	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.

**Production Management Reporting System**



East Kentucky Power

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**From: November 1, 2014 thru April 30, 2015**

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**Pendleton Co. Landfill**

**Unit 001**

Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
11/01/2014	0000	0.0	Forced	Fuel Outage	489	51	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
11/28/2014	1519	0.0	Forced	Maintenance	56	41	ELECTRICAL MAINTENANCE - FIRE ALARM.
12/01/2014	0000	0.0	Forced	Maintenance	12	55	ELECTRICAL MAINTENANCE - FIRE ALARM.
12/08/2014	1047	0.0	Forced	Fuel Outage	0	20	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
12/08/2014	1208	0.0	Forced	Fuel Outage	0	14	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
12/08/2014	1338	0.0	Forced	Fuel Outage	2	19	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
12/16/2014	1139	0.0	Scheduled	Maintenance	3	56	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
12/22/2014	1206	0.0	Forced	Maintenance	0	24	UTILITY BREAKER 52U OPERATION.
01/06/2015	0937	0.0	Scheduled	Maintenance	3	53	ENGINE MAINTENANCE.
01/08/2015	0012	0.0	Forced	Fuel Outage	2	5	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
02/10/2015	0942	0.0	Forced	Maintenance	1	22	FUEL SKID MAINTENANCE.
02/16/2015	0534	0.0	Forced	Maintenance	56	4	FUEL SKID MAINTENANCE - AIR LINES FROZE UP ON FUEL SKID.
02/19/2015	0237	0.0	Forced	Fuel Outage	2	19	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
02/21/2015	1048	0.0	Forced	Fuel Outage	26	30	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
02/23/2015	1314	0.0	Forced	Fuel Outage	69	7	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
02/27/2015	0932	0.0	Scheduled	Maintenance	0	23	ENGINE MAINTENANCE.
02/27/2015	1009	0.0	Scheduled	Maintenance	3	9	ENGINE MAINTENANCE.
03/04/2015	0248	0.0	Forced	Maintenance	13	16	ENGINE MAINTENANCE.
03/08/2015	2245	0.0	Forced	Fuel Outage	1	42	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
03/14/2015	0033	0.0	Forced	Fuel Outage	11	52	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
03/14/2015	2118	0.0	Forced	Fuel Outage	12	5	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
03/25/2015	0006	0.0	Forced	Fuel Outage	1	43	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
03/26/2015	0312	0.0	Forced	Maintenance	4	48	UTILITY BREAKER 52U OPERATION CAUSED BY STORMS.
03/26/2015	0800	0.0	Forced	Maintenance	9	47	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY - NEW BEARINGS IN BLOWER AT FLARE.
04/03/2015	0012	0.0	Forced	Fuel Outage	4	53	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
04/10/2015	0410	0.0	Forced	Fuel Outage	3	11	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.

**Production Management Reporting System**



East Kentucky Power

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**Pendleton Co. Landfill**

**Unit 001**

Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
04/10/2015	0753	0.0	Forced	Fuel Outage	0	28	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
04/13/2015	0921	0.0	Scheduled	Maintenance	2	24	ENGINE MAINTENANCE.
04/21/2015	1555	0.0	Forced	Fuel Outage	0	22	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.

**Production Management Reporting System**



East Kentucky Power

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**Pendleton Co. Landfill**

**Unit 002**

Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
11/19/2014	0843	0.0	Forced	Maintenance	1	13	UTILITY BREAKER 52U OPERATION.
11/28/2014	1519	0.0	Forced	Maintenance	56	41	ELECTRICAL MAINTENANCE - FIRE ALARM.
12/01/2014	0000	0.0	Forced	Maintenance	12	55	ELECTRICAL MAINTENANCE - FIRE ALARM.
12/05/2014	0944	0.0	Forced	Fuel Outage	335	37	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
12/22/2014	1206	0.0	Forced	Maintenance	0	28	UTILITY BREAKER 52U OPERATION.
01/08/2015	0012	0.0	Forced	Fuel Outage	1	52	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
02/02/2015	0952	0.0	Scheduled	Maintenance	3	19	ENGINE MAINTENANCE.
02/10/2015	0942	0.0	Forced	Maintenance	1	24	FUEL SKID MAINTENANCE.
02/16/2015	0534	0.0	Forced	Maintenance	6	38	FUEL SKID MAINTENANCE - AIR LINES FROZE UP ON FUEL SKID.
02/19/2015	0237	0.0	Forced	Fuel Outage	107	35	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
03/02/2015	0906	0.0	Scheduled	Maintenance	1	8	ENGINE MAINTENANCE.
03/08/2015	2245	0.0	Forced	Fuel Outage	1	47	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
03/14/2015	0055	0.0	Forced	Fuel Outage	11	45	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
03/14/2015	2118	0.0	Forced	Fuel Outage	11	52	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
03/24/2015	1038	0.0	Forced	Fuel Outage	146	45	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
04/03/2015	0012	0.0	Forced	Fuel Outage	4	48	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
04/10/2015	0410	0.0	Forced	Fuel Outage	3	10	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
04/21/2015	0719	0.0	Scheduled	Maintenance	10	54	ENGINE MAINTENANCE.
04/27/2015	0922	0.0	Scheduled	Maintenance	0	43	ENGINE MAINTENANCE.

**Production Management Reporting System**



East Kentucky Power

**Appendix B**

**From: November 1, 2014 thru April 30, 2015**

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**Pendleton Co. Landfill**

**Unit 003**

Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
11/19/2014	0843	0.0	Forced	Maintenance	1	24	UTILITY BREAKER 52U OPERATION.
11/21/2014	0956	0.0	Forced	Fuel Outage	95	24	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
11/25/2014	1150	0.0	Scheduled	Maintenance	0	42	ENGINE MAINTENANCE.
12/08/2014	1047	0.0	Forced	Fuel Outage	0	49	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
12/08/2014	1208	0.0	Forced	Fuel Outage	4	8	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
12/16/2014	1142	0.0	Scheduled	Maintenance	4	6	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
01/01/2015	0000	0.0	Forced	Fuel Outage	346	8	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
02/10/2015	0942	0.0	Forced	Maintenance	1	18	FUEL SKID MAINTENANCE.
02/13/2015	1230	0.0	Forced	Fuel Outage	74	10	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
02/19/2015	0237	0.0	Forced	Fuel Outage	2	27	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
02/21/2015	1048	0.0	Forced	Fuel Outage	26	35	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
03/02/2015	1017	0.0	Scheduled	Maintenance	1	16	ENGINE MAINTENANCE.
03/08/2015	2245	0.0	Forced	Fuel Outage	1	58	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
03/14/2015	0033	0.0	Forced	Fuel Outage	12	17	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
03/14/2015	2118	0.0	Forced	Fuel Outage	12	19	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
03/25/2015	0006	0.0	Forced	Fuel Outage	1	51	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
03/26/2015	0312	0.0	Forced	Maintenance	4	48	UTILITY BREAKER 52U OPERATION CAUSED BY STORMS.
03/26/2015	0800	0.0	Forced	Maintenance	9	41	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY - PUTTING NEW BEARINGS IN BLOWER AT FLARE.
03/30/2015	1326	0.0	Forced	Fuel Outage	34	34	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
04/01/2015	0000	0.0	Forced	Fuel Outage	10	54	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
04/03/2015	0012	0.0	Forced	Fuel Outage	4	55	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
04/10/2015	0410	0.0	Forced	Fuel Outage	3	11	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
04/13/2015	0903	0.0	Forced	Maintenance	0	45	ENGINE MAINTENANCE.
04/21/2015	1555	0.0	Forced	Fuel Outage	0	29	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.

# Production Management Reporting System



East Kentucky Power

## Appendix B

From: November 1, 2014 thru April 30, 2015

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### Pendleton Co. Landfill

#### Unit 004

Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
11/19/2014	0843	0.0	Forced	Maintenance	144	29	UTILITY BREAKER 52U OPERATION.
11/28/2014	1519	0.0	Forced	Maintenance	56	41	ELECTRICAL MAINTENANCE - FIRE ALARM.
12/01/2014	0000	0.0	Forced	Maintenance	15	49	ELECTRICAL MAINTENANCE - FIRE ALARM..
12/08/2014	1047	0.0	Forced	Fuel Outage	1	1	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
12/08/2014	1208	0.0	Forced	Fuel Outage	3	58	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
12/16/2014	1142	0.0	Scheduled	Maintenance	4	21	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
12/22/2014	1206	0.0	Forced	Maintenance	0	29	UTILITY BREAKER 52U OPERATION.
01/08/2015	0012	0.0	Forced	Fuel Outage	1	52	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
01/12/2015	0954	0.0	Scheduled	Maintenance	5	23	ENGINE MAINTENANCE.
02/01/2015	0534	0.0	Forced	Maintenance	5	14	FUEL SKID MAINTENANCE - AIR LINES FROZE UP ON FUEL SKID.
02/01/2015	1048	0.0	Forced	Fuel Outage	214	54	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
02/10/2015	0942	0.0	Forced	Maintenance	1	12	FUEL SKID MAINTENANCE.
02/16/2015	0534	0.0	Forced	Maintenance	7	2	FUEL SKID MAINTENANCE - AIR LINES FROZE UP ON FUEL SKID.
02/19/2015	0237	0.0	Forced	Fuel Outage	2	21	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
02/21/2015	1048	0.0	Forced	Fuel Outage	25	48	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
02/23/2015	0922	0.0	Scheduled	Maintenance	3	41	ENGINE MAINTENANCE.
02/25/2015	2326	0.0	Forced	Fuel Outage	72	34	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
03/25/2015	0006	0.0	Forced	Fuel Outage	1	51	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
03/26/2015	0312	0.0	Forced	Maintenance	4	48	UTILITY BREAKER 52U OPERATION CAUSED BY STORMS.
03/26/2015	0800	0.0	Forced	Maintenance	10	0	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY - PUTTING NEW BEARINGS IN BLOWER AT FLARE.
04/03/2015	0012	0.0	Forced	Fuel Outage	4	58	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
04/10/2015	0410	0.0	Forced	Fuel Outage	3	14	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
04/21/2015	1555	0.0	Forced	Fuel Outage	0	20	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.

**EAST KENTUCKY POWER COOPERATIVE, INC.**

**PSC CASE NO. 2015-00233**

**FUEL ADJUSTMENT CLAUSE**

**RESPONSE TO INFORMATION REQUEST**

**COMMISSION STAFF'S INFORMATION REQUEST DATED 08/14/15**

**REQUEST 8**

**RESPONSIBLE PARTY: Mark Horn**

**Request 8.** List all existing fuel contracts categorized as long-term (i.e., one year or more in length). Provide the following information for each contract:

- a. Supplier's name and address;
- b. Name and location of production facility;
- c. Date when contract was executed;
- d. Duration of contract;
- e. Date(s) of each contract revision, modification, or amendment;
- f. Annual tonnage requirements;
- g. Actual annual tonnage received since the contract's inception;
- h. Percent of annual requirements received during the contract's term;
- i. Base price in dollars per ton;
- j. Total amount of price escalations to date in dollars per ton; and
- k. Current price paid for coal under the contract in dollars per ton (i + j).

**Response 8a-k.** Please see pages 2 through 7 of this response.

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EAST KENTUCKY POWER COOPERATIVE, INC.  
PSC FUEL ADJUSTMENT CLAUSE CASE NO. 2015-00233  
RESPONSE TO PSC ORDER DATED 08/14/15

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)
Supplier	Production Facility	Contract Date	Duration of Contract	Revisions or Amendments	Annual Tonnage Required Through 07/15	Actual Annual Tonnage Rec'd Since Inception of Contract Through 07/15	% of Annual Requirements Received	Base Price \$/Ton	Total Amt. of Price Escalations to Date	Current Price Paid for Coal (i&j)
<b>Long Term:</b>										
<u>Dale Station</u> <u>Cooper Station</u> B & W Resources, Inc. 849 S. Highway 11 Manchester, KY 40962 (Contract No. 236)	B & W Resources Manchester Loadout	11/10/09	7 Yrs.	Letter 04/12/11	240,000—2010—	233,890.92	97%	\$64.056	\$6.8232/Ton	\$70.8792/Ton
				Letter 05/19/11	240,000—2011—	237,480.36	99%			
				Letter 06/20/11	38,000—2012—	50,691.62	133%			
				Amendment 1	108,000—2013—	94,421.01	87%			
				09/06/11	100,000—2014—	105,233.04	105%			
				Letter 09/12/11	70,000—2015—	94,224.80	135%			
				Letter 12/12/11	50,000—2015—					
				Letter 12/13/11	120,000—2016—					
				Letter 01/09/12						
				Letter 01/25/12	966,000	815,941.75				
				Letter 02/17/12						
				Letter 04/02/12						
				Amendment 2						
				06/07/12						
				Letter 11/28/12						
				Letter 12/18/13						
				Letter 01/28/14						
				Letter 04/28/14						
				Amendment 3						
				05/20/14						
				Letter 04/29/15						
Bowie Refined Coal, LLC 11 <sup>th</sup> Floor #1100 6100 Dutchmans Lane Louisville, KY 40205 (Contract No. 243)	Bowie Refined Coal Irvine, KY	05/21/14	3 Yrs.	Amendment 1	210,000—2015—	94,922.22	45%	\$55.46	(\$1.81248)/Ton	\$53.64752/Ton
				12/08/14	150,000—2015—					
				Letter 04/29/15	360,000—2016—					
				Amendment 2	300,000—2017—					
				05/19/15						
				Letter 06/10/15	1,080,000	94,922.22				

EAST KENTUCKY POWER COOPERATIVE, INC.  
PSC FUEL ADJUSTMENT CLAUSE CASE NO. 2015-00233  
RESPONSE TO PSC ORDER DATED 08/14/15

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)
Supplier	Production Facility	Contract Date	Duration of Contract	Revisions or Amendments	Annual Tonnage Required Through 07/15	Actual Annual Tonnage Rec'd Since Inception of Contract Through 07/15	% of Annual Requirements Received	Base Price \$/Ton	Total Amt. of Price Escalations to Date	Current Price Paid for Coal (i&j)
<b>Spurlock Station</b>										
Oxford Mining Co.	Daron-Liggett	11/09/04	14 Yrs.	Letter 01/03/05	180,000—2005—	115,625.00	64%	\$25.002	\$14.71992/Ton	\$39.72192/Ton
544 Chestnut Street	Harrison, OH		(Pending	Letter 08/29/05	240,000—2006—	276,719.00	116%			
P. O. Box 427	Barnesville		Reopeners)	Letter 02/16/07	240,000—2007—	279,440.00	116%			
Coshocton, OH 43812	Belmont, OH			Letter 03/28/07	262,000—2008—	193,067.00	74%			
(Gilbert Contract 800)				Amendment 1	600,000—2009—	653,474.00	109%			
				10/02/07	600,000—2010—	643,247.00	107%			
				Amendment 2	600,000—2011—	524,574.00	87%			
				08/27/08	600,000—2012—	673,504.00	112%			
				Letter 01/08/09	563,952—2013—	560,125.00	99%			
				Letter 05/11/09	600,000—2014—	610,060.00	102%			
				Letter 06/01/09	280,000—2015—	225,966.00	81%			
				Letter 11/23/09	200,000—2015—					
				Letter 06/13/12	480,000—2016—					
				Letter 07/03/12	480,000—2017—					
				Amendment 3	480,000—2018—					
				10/15/12	120,000—2019—					
				Letter 04/10/13						
				Letter 08/08/13	6,525,952	4,755,801.00				
				Letter 11/13/13						
				Letter 12/23/13						
				Amendment 4						
				09/04/14						
				Letter 06/25/15						

EAST KENTUCKY POWER COOPERATIVE, INC.  
PSC FUEL ADJUSTMENT CLAUSE CASE NO. 2015-00233  
RESPONSE TO PSC ORDER DATED 08/14/15

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)
Supplier	Production Facility	Contract Date	Duration of Contract	Revisions or Amendments	Annual Tonnage Required Through 07/15	Actual Annual Tonnage Rec'd Since Inception of Contract Through 07/15	% of Annual Requirements Received	Base Price \$/Ton	Total Amt. of Price Escalations to Date	Current Price Paid for Coal (i&j)
<b>Spurlock Station (Continued)</b>										
Oxford Mining Co.	Daron-Ligget	08/27/08	12 Yrs.	Letter 10/21/08	75,000—2008—	60,232.00	80%	\$51.502	(\$10.04248)/Ton	\$41.45952/Ton
544 Chestnut Street	Harrison, OH		5 Mos.	Letter 05/11/09	360,000—2009—	379,854.00	106%			
P. O. Box 427	Barnesville,		(Pending	Letter 06/01/09	360,000—2010—	356,061.00	99%			
Coshocton, OH 43812	Wheeling Valley		Recopeners)	Letter 11/23/09	360,000—2011—	357,032.00	99%			
(Scrubber Contract 504)	Mine-Belmont, OH			Letter 05/27/10	360,000—2012—	341,247.00	95%			
				Letter 08/18/10	360,000—2013—	391,445.00	109%			
				Amendment 1	360,000—2014—	387,887.00	108%			
				09/14/10	210,000—2015—	160,099.00	76%			
				Letter 07/31/12	150,000—2015—	_____				
				Amendment 2	360,000—2016—	_____				
				08/28/12	360,000—2017—	_____				
				Letter 12/18/13	360,000—2018—	_____				
				Amendment 3	360,000—2019—	_____				
				04/07/14	360,000—2020—	_____				
				Letter 06/25/15						
					4,395,000	2,433,857.00				
White County Coal, LLC	River View Mine	09/11/08	8 Yrs.	Letter 05/11/09	240,000—2009—	234,705.00	98%	\$72.00	(\$19.00)/Ton	\$53.00/Ton
1717 S. Boulder Avenue	Union, KY			Amendment 1	240,000—2010—	242,366.00	101%			
Tulsa, OK 74119				05/22/09	240,000—2011—	252,479.00	105%			
(Contract No. 508)				Letter 06/01/09	240,000—2012—	226,176.00	94%			
				Letter 05/17/10	240,000—2013—	240,373.00	100%			
				Letter 08/18/10	240,000—2014—	243,614.00	102%			
				Amendment 2	210,000—2015—	185,959.00	89%			
				11/15/10	150,000—2015—	_____				
				Letter 12/09/10	360,000—2016—	_____				
				Letter 02/15/11						
				Letter 03/07/11	2,160,000	1,625,672.00				
				Letter 06/03/11						
				Letter 08/18/11						
				Letter 08/23/11						
				Letter 08/29/11						
				Letter 06/12/12						
				Amendment 3						
				03/06/13						
				Letter 03/02/13						
				Letter 04/17/13						
				Letter 07/31/14						
				Letter 02/10/15						

EAST KENTUCKY POWER COOPERATIVE, INC.  
PSC FUEL ADJUSTMENT CLAUSE CASE NO. 2015-00233  
RESPONSE TO PSC ORDER DATED 08/14/15

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)
Supplier	Production Facility	Contract Date	Duration of Contract	Revisions or Amendments	Annual Tonnage Required Through 07/15	Actual Annual Tonnage Rec'd Since Inception of Contract Through 07/15	% of Annual Requirements Received	Base Price \$/Ton	Total Amt. of Price Escalations to Date	Current Price Paid for Coal (i&j)
<b>Spurlock Station (Continued)</b>										
Alliance Coal, LLC 1146 Monarch St. Lexington, KY 40513 (Contract No. 522)	Highland #9 Union, KY	07/07/11	6 Yrs.	Amendment 1	208,000—2012—	200,136.00	96%	\$51.0002	(\$6.1456)/Ton	\$44.8546/Ton
				12/19/11	384,000—2013—	378,754.00	99%			
				Letter 03/16/12	384,000—2014—	397,696.00	104%			
				Letter 04/02/12	140,000—2015—	137,062.00	98%			
				Letter 11/28/12	100,000—2015—					
				Letter 01/03/13	240,000—2016—					
				Letter 01/11/13	240,000—2017—					
				Letter 01/16/13						
				Letter 01/24/13	1,696,000	1,113,648.00				
				Letter 03/27/13						
				Letter 04/05/13						
				Letter 08/20/13						
				Letter 09/10/13						
				Letter 05/07/14						
				Letter 06/30/14						
				Amendment 2						
B & N Coal, Inc. P. O. Box 100 Dexter City, OH 45727 (Contract No. 824)	Whigville, West Fork, & Ullman Noble, OH	12/14/12	7 Yrs. (Pending Recopeners)	Letter 04/10/13	186,989—2013—	203,489.00	109%	\$40.0044	(\$3.56976)/Ton	\$36.43464/Ton
				Letter 08/08/13	276,000—2014—	277,212.00	100%			
				Letter 11/13/13	161,000—2015—	114,066.00	71%			
				Letter 12/23/13	115,000—2015—					
				Amendment 1	276,000—2016—					
				10/16/14	276,000—2017—					
				Letter 10/29/14	276,000—2018—					
					276,000—2019—					
					69,000—2020—					
					1,911,989	594,767.00				

EAST KENTUCKY POWER COOPERATIVE, INC.  
PSC FUEL ADJUSTMENT CLAUSE CASE NO. 2015-00233  
RESPONSE TO PSC ORDER DATED 08/14/15

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)
Supplier	Production Facility	Contract Date	Duration of Contract	Revisions or Amendments	Annual Tonnage Required Through 07/15	Actual Annual Tonnage Rec'd Since Inception of Contract Through 07/15	% of Annual Requirements Received	Base Price \$/Ton	Total Amt. of Price Escalations to Date	Current Price Paid for Coal (i&j)
<b>Spurlock Station (Continued)</b>										
B & N Coal, Inc. P. O. Box 100 Dexter City, OH 45727 (Contract No. 826)	Whigville, West Fork, & Ullman Noble, OH	05/15/13	2 Yrs.	Letter 10/29/14	120,000—2014— 70,000—2015— 50,000—2015— 240,000	122,908.00 79,607.00 _____ 202,515.00	102% 114%	\$40.49	(\$2.11064)/Ton	\$38.37936/Ton
Foresight Coal Sales Suite 2600 One Metropolitan Square 211 N. Broadway St. Louis, MO 63102 (Contract No. 828)	Pond Creek No. 1, Sugar Camp Mining Complex, Shay Mine No. 1, Dear Run Mine—Williamson/Franklin/Macoupin/Montgomery Counties, IL	08/19/13	3 Yrs.	Letter 07/25/14	120,000—2014— 175,000—2015— 125,000—2015— 300,000—2016— 720,000	117,809.00 174,640.00 _____ _____ 292,449.00	98% 100%	\$37.50	\$2.50/Ton	\$40.00/Ton
Peabody COALSLES 701 Market St. St. Louis, MO 63101 (Contract No. 526)	Somerville Complex, Wild Boar Mine, Oakland City Lynnville, IN	11/26/13	3 Yrs.	—	120,000—2014— 210,000—2015— 150,000—2015— 360,000—2016— 840,000	124,922.00 187,624.00 _____ _____ 312,546.00	104% 89%	\$44.00	\$1.309/Ton	\$45.309/Ton
White Oak Resources 121 S. Jackson St. McLeansboro, IL 62859 (Contract No. 528)	White Oak No. 1 Hamilton, IL	04/07/14	2 Yrs.	Letter 03/25/15	138,000—2015— 90,000—2015— 216,000—2016— 444,000	78,964.00 _____ _____ 78,964.00	57%	\$49.80	—	\$49.80/Ton

EAST KENTUCKY POWER COOPERATIVE, INC.  
PSC FUEL ADJUSTMENT CLAUSE CASE NO. 2015-00233  
RESPONSE TO PSC ORDER DATED 08/14/15

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)
Supplier	Production Facility	Contract Date	Duration of Contract	Revisions or Amendments	Annual Tonnage Required Through 07/15	Actual Annual Tonnage Rec'd Since Inception of Contract Through 07/15	% of Annual Requirements Received	Base Price \$/Ton	Total Amt. of Price Escalations to Date	Current Price Paid for Coal (i&j)
<b>Spurlock Station (Continued)</b>										
River View Coal, LLC Suite 400 1717 S. Boulder P. O. Box 22027 (74121) Tulsa, OK 74119 Contract No. 530)	River View Mine Union, KY	08/14/14	3 Yrs.	Letter 02/10/15	140,000—2015— 100,000—2015— 240,000—2016— 240,000—2017— 720,000	116,100.00 _____ _____ _____ 116,100.00	83%	\$45.90	—	\$45.90/Ton
B & N Coal, Inc. P. O. Box 100 Dexter City, OH 45727 (Contract No. 830)	Whigville, West Fork, & Ullman Noble, OH	09/04/14	2 Yrs.	Letter 10/29/14	70,000—2015— 50,000—2015— 120,000—2016— 240,000	61,478.00 _____ _____ 61,478.00	88%	\$40.293	(\$2.99922)/Ton	\$37.29378/Ton
Foresight Coal Sales Suite 2600 One Metropolitan Square 211 N. Broadway St. Louis, MO 63102 (Contract No. 532)	Pond Creek Mach Mining Williamson, IL	01/16/15	3 Yrs.	—	140,000—2015— 100,000—2015— 240,000—2016— 240,000—2017— 720,000	130,992.00 _____ _____ _____ 130,992.00	94%	\$46.50	—	\$46.50/Ton

**EAST KENTUCKY POWER COOPERATIVE, INC.**

**PSC CASE NO. 2015-00233**

**FUEL ADJUSTMENT CLAUSE**

**RESPONSE TO INFORMATION REQUEST**

**COMMISSION STAFF'S INFORMATION REQUEST DATED 08/14/15**

**REQUEST 9**

**RESPONSIBLE PARTY: Mark Horn**

**Request 9a.** State whether East Kentucky regularly compares the price of its coal purchases to those paid by other electric utilities.

**Response 9.** Each month East Kentucky compares the price of its coal purchases on a delivered basis against the price that 18 other utilities within the region are paying for coal.

**Request 9b.** If yes, state:

(1) How East Kentucky's prices compare with those of other utilities for the review period. Include all prices used in the comparison in cents per MMbtu.

(2) The utilities that are included in this comparison and their locations.

**Response 9b(1)(2).** The most recent data available for comparison is for March 2015. East Kentucky ranked 5<sup>th</sup> on a delivered basis among utilities reporting coal purchases for that month. Please see the table below. Note that the information contained in this table is sourced from the Ventyx Coal Pricing Forecast.

<b>Year/Month</b>	<b>Name</b>	<b>Delivered Fuel Price Cents/MMBtu</b>
2015-03	Hoosier Energy REC	218.00
2015-03	Dayton Power & Light	218.96
2015-03	Duke Energy Kentucky	224.54
2015-03	Southern Indiana Gas & Elec	229.34
2015-03	East Kentucky Power Coop	230.86
2015-03	Consumers Energy	234.19
2015-03	Appalachian Power	234.72
2015-03	Louisville Gas & Electric	236.12
2015-03	Kentucky Utilities	236.31
2015-03	Tennessee Valley Authority	236.36
2015-03	Big Rivers Electric Corp	248.03
2015-03	Kentucky Power	250.10
2015-03	Georgia Power	295.29
2015-03	Virginia Electric & Power	302.34
2015-03	Duke Energy Progress	331.00
2015-03	S. Carolina Electric & Gas	361.66
2015-03	Duke Energy Carolinas	365.77
2015-03	South Carolina Generating	370.75
2015-03	S. Mississippi Electric Power	385.80

**EAST KENTUCKY POWER COOPERATIVE, INC.**

**PSC CASE NO. 2015-00233**

**FUEL ADJUSTMENT CLAUSE**

**RESPONSE TO INFORMATION REQUEST**

**COMMISSION STAFF'S INFORMATION REQUEST DATED 08/14/15**

**REQUEST 10**

**RESPONSIBLE PARTY: Mark Horn**

**Request 10.** State the percentage of East Kentucky's coal, as of the date of this

Order, that is delivered by:

- a. Rail;
- b. Truck; or
- c. Barge.

**Response 10.**

- a. Rail = 0%;
- b. Truck = 12%;
- c. Barge = 88%

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**EAST KENTUCKY POWER COOPERATIVE, INC.**

**PSC CASE NO. 2015-00233**

**FUEL ADJUSTMENT CLAUSE**

**RESPONSE TO INFORMATION REQUEST**

**COMMISSION STAFF'S INFORMATION REQUEST DATED 08/14/15**

**REQUEST 11**

**RESPONSIBLE PARTY: Mark Horn**

**Request 11a.** State East Kentucky's coal inventory level in tons and in number of days' supply as of April 30, 2015. Provide this information by generating station and in the aggregate.

**Response 11a.** East Kentucky's coal inventory level as of April 30, 2015, was 875,210 tons—39 days' supply. By power station the levels are as follows:

	<u>Tons</u>	<u>Days</u>
Dale	9,440	4
Cooper	225,713	62
Spurlock	640,057	40

**Request 11b.** Describe the criteria used to determine number of days' supply.

**Response 11b.** Number of days' supply is determined by actual tons in inventory divided by the total maximum daily usage for East Kentucky's generating units.

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**Request 11c.** Compare East Kentucky's coal inventory as of April 30, 2015 to its inventory target for that date for each plant and for total inventory.

**Response 11c.** East Kentucky's coal inventory as of April 30, 2015, fell within its target range of 25-40 days' supply. The Dale Power Station inventory was lower than its target range of 25-40 days' supply by 21 days. The Cooper Power Station inventory exceeded its target range of 25-40 days' supply by 22 days. The Spurlock Power Station inventory was within its range of 25-40 days'.

**Request 11d.** If actual coal inventory exceeds inventory target by ten days' supply, state the reasons for the excessive inventory.

**Response 11d.** East Kentucky's system inventory did not exceed its target range by more than ten days. The Cooper Power Station inventory exceeded its target by more than ten days due to lower than projected usage and the receipt of already committed deliveries. As of July 31, 2015, the inventory has been reduced within seven days of its target at 47 days' supply. Both of the other stations did not exceed their targets by more than ten days.

**Request 11e.** (1) State whether East Kentucky expects any significant changes in its current coal inventory target within the next 12 months.

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(2) If yes, state the expected change and the reasons for this change.

**Response 11e(1)(2).** East Kentucky does not expect significant changes in its current coal inventory target within the next 12 months.

**EAST KENTUCKY POWER COOPERATIVE, INC.**

**PSC CASE NO. 2015-00233**

**FUEL ADJUSTMENT CLAUSE**

**RESPONSE TO INFORMATION REQUEST**

**COMMISSION STAFF'S INFORMATION REQUEST DATED 08/14/15**

**REQUEST 12**

**RESPONSIBLE PARTY: Mark Horn**

**Request 12.** a. State whether East Kentucky has audited any of its coal contracts during the period from November 1, 2014 through April 30, 2015.

b. If yes, for each audited contract:

- (1) Identify the contract;
- (2) Identify the auditor;
- (3) State the results of the audit; and
- (4) Describe the actions that East Kentucky took as a result

of the audit.

**Response 12a-b.** East Kentucky has not conducted any audits of coal contracts during the period under review. East Kentucky does review financials and conducts thorough mine visits and mining permit reviews annually and before entering into term agreements with coal suppliers. East Kentucky also audits requests from coal companies

for compensation from Governmental Impositions stemming from the Mine Improvement and New Energy Response Act of 2006 (MINER Act).

**EAST KENTUCKY POWER COOPERATIVE, INC.**

**PSC CASE NO. 2015-00233**

**FUEL ADJUSTMENT CLAUSE**

**RESPONSE TO INFORMATION REQUEST**

**COMMISSION STAFF'S INFORMATION REQUEST DATED 08/14/15  
REQUEST 13**

**RESPONSIBLE PARTY: Patrick C. Woods**

**Request 13.** a. State whether East Kentucky has received any customer complaints regarding its FAC during the period from November 1, 2014 through April 30, 2015.

- b. If yes, for each complaint, state:
- (1) The nature of the complaint; and
  - (2) East Kentucky's response.

**Response 13a-b.** East Kentucky has not received any customer complaints regarding its FAC during the stated period.

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**EAST KENTUCKY POWER COOPERATIVE, INC.**

**PSC CASE NO. 2015-00233**

**FUEL ADJUSTMENT CLAUSE**

**RESPONSE TO INFORMATION REQUEST**

**COMMISSION STAFF'S INFORMATION REQUEST DATED 08/14/15**

**REQUEST 14**

**RESPONSIBLE PARTY: Mark Horn**

**Request 14a.** State whether East Kentucky is currently involved in any litigation with its current or former coal suppliers.

**Response 14a.** East Kentucky is currently involved in litigation with one coal supplier.

**Request 14b(1).** If yes, for each litigation, identify the coal supplier;

**Response 14b(1).** Appalachian Fuels, LLC ("Appalachian").

**Request 14b(2).** If yes, for each litigation, identify the coal contract involved;

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**Response 14b(2).** The coal contract involved between East Kentucky and Appalachian is dated December 4, 2001, and subsequent amendments thereto for coal to be delivered to Spurlock Power Station Unit Nos. 1 and 2.

**Request 14b(3).** If yes, for each litigation, state the potential liability or recovery to East Kentucky;

**Response 14b(3).** East Kentucky has an agreed unsecured claim in the amount of \$18,000,000 as set forth in Agreed Order Resolving Objection of the Liquidating Trustee of the App Fuels Creditor Trust to the Claim of East Kentucky Power Cooperative, Inc. [Doc. No. 2469] (the “Agreed Order”) entered on April 22, 2015, in the Appalachian bankruptcy case pending in the United States Bankruptcy Court for the Eastern District of Kentucky, Case No. 09-10343 (the “Appalachian Bankruptcy”).

**Request 14b(4).** If yes, for each litigation, list the issues presented;

**Response 14b(4).** The issues presented regarding Appalachian are (a) whether Appalachian breached its agreement to deliver coal to East Kentucky’s Spurlock Power Station and (b) whether Appalachian breached its agreement to provide a performance bond to provide further security to East Kentucky in the event of default or failure to deliver.

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**Request 14b(5).** Provide a copy of the complaint or other legal pleading that initiated the litigation and any answers or counterclaims. If a copy has previously been filed with the Commission, provide the date on which it was filed and the case in which it was filed.

**Response 14b(5).** The Complaint with Appalachian was previously filed on September 12, 2008, in Case No. 2008-00284, and the Corrected Answer was previously filed on February 11, 2009, in Case No. 2008-00519. In addition, East Kentucky previously filed a proof of claim in Appalachian's Bankruptcy proceeding on September 10, 2009, in Case No. 2009-00286. The Agreed Order is filed herewith on pages 4 and 5.

**Request 14c.** State the current status of all litigation with coal suppliers.

**Response 14c.** East Kentucky filed a motion for partial summary judgment in March of 2008 in the Clark Circuit Court proceeding against Appalachian. While that motion was pending, Appalachian made an assignment for benefit of creditors on May 26, 2009. On June 11, 2009, certain creditors of Appalachian placed Appalachian in involuntary bankruptcy. East Kentucky filed a proof of claim in that proceeding, which is described in Item 24 (b)(5) above. The bankruptcy stayed the Clark Circuit Court action, and East Kentucky pursued its claims against Appalachian in the bankruptcy

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proceeding. A plan was proposed in the bankruptcy proceeding and has been approved. This plan was provided to the Commission on October 25, 2012, in Case No. 2012-00319. The Bankruptcy Court enlarged the time period by which the Bankruptcy Trustee may object to claims, and the Trustee filed a timely objection to East Kentucky's proof of claim on December 30, 2014. East Kentucky and the Trustee reached an agreement as to the amount of the East Kentucky claim. On April 22, 2015, the Bankruptcy Court entered the Agreed Order in the Appalachian Bankruptcy whereby East Kentucky has an allowed general unsecured claim in the amount of \$18,000,000 and will receive distributions on that amount at such time that the Trustee makes distributions to allowed general unsecured claim holders. Ultimately, East Kentucky will receive a pro rata share of all distribution to unsecured creditors, but the actual amount of recovery is unknown. To date, no distributions have been made to East Kentucky.

UNITED STATES BANKRUPTCY COURT  
EASTERN DISTRICT OF KENTUCKY  
ASHLAND DIVISION

IN RE:

APPALACHIAN FUELS, LLC  
  
DEBTOR

CASE NO. 09-10343  
CHAPTER 11

---

**AGREED ORDER RESOLVING OBJECTION OF THE  
LIQUIDATING TRUSTEE OF THE APP FUELS CREDITORS TRUST  
TO THE CLAIM OF EAST KENTUCKY POWER COOPERATIVE, INC.  
[CLAIM 35]**

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Come the Liquidating Trustee of the App Fuels Creditors Trust (the "Trustee") and the East Kentucky Power Cooperative, Inc. ("EKPC"), by their respective counsel, and said parties being in agreement, STIPULATE AND AGREE as follows:

WHEREAS, on July 9, 2009, EKPC timely filed an unsecured claim in the amount of \$24,400,015.00 asserting damages arising from a breach of contract by Appalachian Fuels, LLC [Claim 35]; and

WHEREAS, on December 30, 2014, the Trustee timely filed an Objection to EKPC's claim [Doc 2425]; and

WHEREAS, the Trustee and EKPC have negotiated and reached an agreement regarding resolution of the Objection;

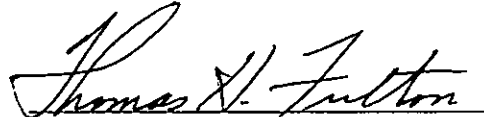
NOW, therefore, the Court being sufficiently advised, IT IS HEREBY ORDERED AND ADJUDGED as follows:

1. The Claim of EKPC [Claim 35] shall be allowed as an unsecured claim in the amount of \$18,000,000.00; any remaining balance claimed due shall be disallowed.

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2. EKPC may, but need not, file an amended claim, and the Trustee shall make a distribution on the allowed portion of EKPC's Claim at such time as the Trustee makes any such distribution to allowed general unsecured creditors, pursuant to the terms of the confirmed Plan in this case.

3. This is a final order.



Thomas H. Fulton  
United States Bankruptcy Judge

Dated: April 22, 2015

HAVE SEEN AND AGREED:

DELCOTTO LAW GROUP PLLC

/s/ Dean A. Langdon, Esq.

KY Bar No. 40104

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COUNSEL FOR EAST KENTUCKY  
POWER COOPERATIVE, INC.

**EAST KENTUCKY POWER COOPERATIVE, INC.**

**PSC CASE NO. 2015-00233**

**FUEL ADJUSTMENT CLAUSE**

**RESPONSE TO INFORMATION REQUEST**

**COMMISSION STAFF'S INFORMATION REQUEST DATED 08/14/15  
REQUEST 15**

**RESPONSIBLE PARTY: Mark Horn**

**Request 15.** a. During the period from November 1, 2014 through April 30, 2015, have there been any changes to East Kentucky's written policies and procedures regarding its fuel procurement?

b. If yes:

- (1) Describe the changes;
- (2) Provide the written policies and procedures as changed;
- (3) State the date(s) the changes were made; and
- (4) Explain why the changes were made.

c. If no, provide the date East Kentucky's current fuel procurement policies and procedures were last changed, when they were last provided to the Commission, and identify the proceeding in which they were provided.

**Response 15a-c.** East Kentucky updated its Fuel and Lime Procurement Manual on December 16, 2014. Document title and department manager name were changed as well as minor grammatical errors. During the department's annual review, language was inserted relating to opportunities for improvement. A copy of this manual is provided on pages 2 through 71. Changes were made to better align with East Kentucky's policy and strategy.

# **FUEL & EMISSIONS DEPARTMENT PROCUREMENT MANUAL**

**ADOPTED FEBRUARY 27, 1981**

**Revised: December 16, 2014**

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# COAL

PROCEDURE FOR THE PROCUREMENT OF COAL			C-1
Author: Fuel and Emissions Department		Adopted: 02/27/81	Page 1 of 15
Revision: 5	By: Gail Varner	Revised Date: 12/16/14	Reviewed: Mark Horn

Applies to: Fuel and Emissions, Environmental Affairs, Power Production, Finance, Power Supply, and Legal

Keywords: Coal

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## 1.0 Purpose

This procedure outlines the procurement, delivery, confirmation, testing, and payment of coal for use at East Kentucky Power Cooperative, Inc.'s ("EKPC") coal-fired power stations.

## 2.0 Terms and Definitions

- 2.1 Certificate of Insurance—Standard Association for Cooperative Operations Research and Development (ACORD) form that identifies the policies afforded by a supplier related to the requirements specified by EKPC contracts/purchase orders.
- 2.2 Coal—Bituminous fossil fuel used to fire boilers.
- 2.3 Coal Bidders List—List of current coal companies to submit requests for proposals stating their addresses, representative contacts, phone numbers, and applicable stations for bidding purposes (*Exhibit 7*).
- 2.4 Coal Proposal Form—Form completed and signed by potential supplier stating source, quality, quantity, and price of coal along with ownership disclosure in response to an RFP (*Exhibit 8*).
- 2.5 Coal Purchase Order Log Book—Log book containing sequential purchase order numbers for new coal purchase orders issued that states company name, issued date, applicable station, terms and revision(s), tonnage and revision(s), comments, and price of each purchase order.
- 2.6 Coal Sampling Procedures—Document prepared by EKPC's Central Lab that defines how to sample and analyze coal in a method that is recognized within the industry.

- 2.7 Coal Specifications and Information—Data sheet specifying each power station's delivery, pricing, and specifications for coal purchases (*Exhibit 9*).
- 2.8 Contract—Document binding seller to sell and ship designated product that is stating terms and conditions for coal deliveries to EKPC's power stations sent to a supplier for signatures after approval and before deliveries begin, which is typically a longer term than a purchase order.
- 2.9 Contract Approval and Review Form—Form circulated to various EKPC personnel indicating they have reviewed the contract prior to the President and CEO's signature (*Exhibit 39*).
- 2.10 Economy Purchase—Purchase made without competitive bidding in situations where the price is favorable in comparison with recent bids and unsolicited offers received and in comparison with published current market information.
- 2.11 Electronic Proposals—Proposals received through password protected e-mail accounts, managed by Fuel Analyst, and not viewed prior to proposal opening.
- 2.12 Emergency Purchase—Purchase made without competitive bidding when there is an immediate need for coal in situations including but not limited to: failure of a fuel supplier to perform; increased fuel usage due to an increase in power sales; labor or transportation strikes; severe weather conditions; or inability of power stations to receive fuel by normal means.
- 2.13 Financial Review—Typically includes the examination of an entities' balance sheet, income, and cash flow statements to determine the entities' financial health. Conducted on supplier agreements with an initial term greater than one year.
- 2.14 Fixed Price—Price set in advance of issuance of a contract or purchase order. All applicable taxes, freight, fees, and profit margins are typically included.
- 2.15 Floating Price—Price that is subject to adjustments based upon predetermined indices or surcharges. All applicable taxes, freight, fees, and profit margins are typically included.
- 2.16 Fuel Evaluation Data Entry Verification Form—Form completed after initial proposal entry into the Fuel Evaluation System and subsequent revisions. This form shows power station, entry date, event number, brief description of evaluation, personnel involved in the initial proposal opening, and

provides additional measures to aid in the accuracy of the data input into the Fuel Evaluation System.

- 2.17 Fuel Evaluation System—Model designed by EKPC used to rank each potential coal supplier's total evaluated price using many measurable variables to accurately reflect the coal-related cost of generation in accordance with the various physical and chemical aspects of coal in conjunction with each power station's generating equipment attributes. *Exhibit 10* is a list of the variables that are reviewed annually or sooner if needed, and *Exhibit 11* is a manual that describes the program in further detail.
- 2.18 Fuel Negotiating Committee—Committee requiring a Board Director participation. The Director will be appointed annually according to guidelines set in Section E, Management Committees from Policy No. 106 (*Exhibit 3*).
- 2.19 Governmental Imposition—Any change in federal, state, or local laws, regulations, ordinances, taxes, fees, special assessments, or similar levies, or a changed application, enforcement, or interpretation thereof, occurring after a date certain specified in a coal contract, directly relating to the mining, processing, or transportation of coal that results in a change of the seller's direct out-of-pocket costs.
- 2.20 IRMC—Internal Risk Management Committee has the authority to approve and oversee the processes used to identify, evaluate, and manage enterprise risk.
- 2.21 Long-Term—Duration of more than one year.
- 2.22 Policy No. AO31—EKPC administrative policy for the Delegation of Authority from EKPC's CEO to management and staff regarding procurement authority for energy, energy related commodities, and transportation (*Exhibit 2*).
- 2.23 Policy No. 106—EKPC Board of Directors policy for the Establishment of Board Committees and Respective Charters (*Exhibit 3*).
- 2.24 Policy No. 116—EKPC Board of Directors Conflict of Interest Policy to ensure that all business affairs of EKPC are conducted in an ethical and businesslike manner in order to avoid all conflicts of interest or the appearance of any conflicts of interest in the conduct of the business affairs of EKPC (*Exhibit 4*).
- 2.25 Policy No. 404—EKPC Board of Directors Transaction Authority Limits for Energy and Energy Related Commodities and Transportation Policy

providing authority matrices to delegate procurement approval levels for commodities and fuels (*Exhibit 5*).

- 2.26 Policy No. 405—EKPC Board of Directors Hedging Policy (1) guides disciplined hedging of forecasted power supply needs; (2) provides a method for identifying EKPC's risk tolerance and time horizon for hedging; (3) clarifies EKPC's hedging objectives; and (4) more clearly integrates the energy risk management governance structure, trading authority, risk reporting, and portfolio management functions (*Exhibit 6*).
- 2.27 Power Stations—Coal-fired power stations owned and operated by EKPC: Dale, Cooper, and Spurlock.
- 2.28 Purchase Order—Document binding seller to sell and ship designated product that is stating terms and conditions for coal deliveries to EKPC's power stations sent to a supplier for an acceptance signature after approval and before deliveries begin, which is typically a shorter term than a contract.
- 2.29 RFP—Request for proposal sent to prospective suppliers on EKPC's Coal Bidders List (*Exhibit 7*).
- 2.30 Sealed Proposals—Proposals received through a written RFP process not viewed prior to proposal opening (can include electronic proposals).
- 2.31 Short-Term—Duration of one year or less.
- 2.32 Spot Purchase—Purchase made with competitive bidding for a term of typically one year or less.
- 2.33 Supplier Scorecard—Spreadsheet that tracks measurable parameters of quality, quantity, services, and miscellaneous items on a monthly basis. The suppliers can receive a ranking of problem, concern, acceptable, or exceptional (*Exhibit 12*).
- 2.34 Test Purchase—Purchase made without competitive bidding to test a particular fuel for its suitability and burning characteristics at EKPC's power stations.
- 2.35 Trading Authority Transaction Matrix—Delegation of procurement approval authority.
- 2.36 W-9—Form required by the Internal Revenue Service for tax purposes to be completed by all suppliers stating business name, address, and federal tax identification number before payment is issued (*Exhibit 13*).

### **3.0 Responsibilities**

#### **3.1 Fuel and Emissions Manager**

- 3.1.1 Manages and directs Fuel Buyers, Administrative Assistant, and Fuel Analyst in the Fuel and Emissions department and assures compliance with Policy No. 116 (*Exhibit 4*).
- 3.1.2 Ensures adequate coal deliveries to EKPC's power plants.
- 3.1.3 Assures that Fuel and Emissions staff follow procedures as described herein and in the Fuel, Emissions, Limestone, and Lime Strategy (*Exhibit 1*) for the purchase and delivery of coal.
- 3.1.4 Ensures all new contracts have been reviewed by legal, with the credit rating and insurance language reviewed by risk management.
- 3.1.5 May waive a price adjustment if the circumstances or conditions warrant.
- 3.1.6 Signs approval memos for all purchase order changes, and executes short-term purchase orders in accordance with Policy No. 404 (*Exhibit 5*) and No. A031 (*Exhibit 2*).

#### **3.2 Power Plant Personnel**

- 3.2.1 Maintain the coal system at each of EKPC's relevant power stations to ensure its availability to unload coal deliveries.
- 3.2.2 Advise the Fuel and Emissions department of any concerns regarding the product or product delivery.
- 3.2.3 Measure and determine weights of incoming coal at power stations.
- 3.2.4 Unload coal meeting required quality specifications.
- 3.2.5 Collect coal samples daily to be analyzed.

#### **3.3 Fuel Buyers**

- 3.3.1 Determine quantities needed based on projected needs, inventories, and contracted purchases; generate RFPs; make purchase recommendations; and perform due diligence.

- 3.3.2 Monitor coal qualities.
- 3.3.3 Manage appropriate contract and/or purchase order(s) throughout the term of the order.
- 3.3.4 Manage coal deliveries and inventory levels at each of EKPC's power stations daily.
- 3.3.5 Review and verify monthly/quarterly fuel escalation adjustments prepared by Accounting.

#### 3.4 Administrative Assistant

- 3.4.1 Assists in managing the RFP process.
- 3.4.2 Enters, revises, and finalizes compliant bids using the Fuel Evaluation System.
- 3.4.3 Verifies all documentation is received according to checklist (*Exhibit 14*) and files with appropriate contract(s) and/or purchase order(s).
- 3.4.4 Posts fully executed contract(s) and purchase order(s) to a shared location, and notifies EKPC's risk management service provider.

#### 3.5 Legal Counsel

- 3.5.1 Provides representation at long-term purchase proposal openings.
- 3.5.2 Advises in the development of legal documentation.
- 3.5.3 Reviews and approves documents as to legal form.

#### 3.6 Fuel Analyst

- 3.6.1 Manages receipt of electronic proposals through password protected e-mail account.
  - 3.6.2 Manages the Trading Authority Transaction Matrix and suppliers' financial reviews.
  - 3.6.3 Assists in managing price adjustments.
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- 3.6.4 Audits Governmental Imposition claims.
- 3.6.5 Provides forward-looking data of floating components for forecasting and sensitivity analysis as requested.
- 3.6.6 Validates suppliers' methods for determining origin weights and analyses.
- 3.6.7 Identifies the fixed and floating component percentages of the year-to-date spend
- 3.7 Central Lab Personnel
  - 3.7.1 Assist Power Plant Personnel in sampling of coal as needed.
  - 3.7.2 Perform coal analysis daily for Dale and Cooper Power Stations and weekly for Spurlock Power Station.
  - 3.7.3 Receive coal samples from Power Plant Personnel for analysis by independent commercial lab as needed.
  - 3.7.4 Provide proper analysis of coal quality to Accounting so that payment is made based upon agreed terms related to coal quality in the contract.
- 3.8 Accounting
  - 3.8.1 Enters and reconciles documentation received from Power Plant Personnel, Fuel and Emissions, and Central Lab into the accounting coal system to generate coal invoices for payment.
  - 3.8.2 Reconciles barge and rail invoices received for payment.
  - 3.8.3 Contacts responsible party to clarify any discrepancies in the invoices, receiving records, and/or lab analysis.
  - 3.8.4 Approves payment and sends to treasury for disbursement.

#### **4.0 Procedure**

Due to changing environmental laws or regulations, Fuel and Emissions representative(s) will maintain dialogue with Environmental Affairs representative(s) to ensure that appropriate fuel quality is purchased.

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Cooper Power Station has a maximum stockpile capacity of 268,000 tons and a maximum potential daily burn of 3,629 tons. Dale Power Station has a maximum stockpile capacity of 86,000 tons and a maximum potential daily burn of 2,413 tons. Spurlock Power Station Unit Nos. 1 and 2 have a maximum stockpile capacity of 450,000 tons and a maximum potential daily burn of 9,194 tons. Gilbert Unit No. 3 and Spurlock Unit No. 4 at Spurlock Power Station have a maximum stockpile capacity of 350,000 tons and a maximum potential daily burn of 7,004 tons.

- 4.1 Determine if an RFP is required.
  - 4.1.1 Review projected burns from Power Supply.
  - 4.1.2 Compare projected burns with the current contracts, purchase orders, and stockpile inventories to determine if there is a need to purchase coal in conjunction with Policy No. 405 (*Exhibit 6*).
  - 4.1.3 Determine the amount of coal to be purchased and type of purchase to be made (contract or purchase order) to maintain adequate inventories at each applicable coal-fired power station.
- 4.2 Determine if RFP should be written or verbal. (RFPs are not required for economy, test, or emergency purchases.)
  - 4.2.1 Create a written RFP for contract purchases.
  - 4.2.2 Create a written or verbal RFP for spot purchases. (Verbal RFPs are confirmed by written documentation.) Active proposals on file may also be considered for these purchases. Suppliers are notified through letters, trade publications, and personal conversations that EKPC is continuously evaluating spot market coal and will accept proposals at any time for consideration. Only suppliers who have demonstrated their ability to supply the appropriate coal required are contacted on verbal solicitations.
  - 4.2.3 Identify need for an economy, test, or emergency purchases in which no RFP is required. (There are no quantity limits on emergency purchases. Economy and test purchases shall not exceed 25,000 tons per month.)
- 4.3 Issue a written or verbal RFP to obtain approved contract(s) and/or purchase order(s). The steps for issuing an RFP are as follows:

- 4.3.1 Fuel Buyers determine term, quality, and quantity for coal of RFP based on projected needs using the Coal Specifications and Information data (*Exhibit 9*) as a guideline.
  - 4.3.2 Fuel Buyers develop and coordinate test for possible product or handling improvement. Improvement may be in terms of economics, compatibility, flexibility, or dependability.
  - 4.3.3 Fuel Buyers create an RFP template (*Exhibit 15*) stating applicable delivery locations, term, quality, quantity, and price options including the performance bond requirement and also include the Coal Specifications and Information data (*Exhibit 9*) as well as the Coal Proposal Form (*Exhibit 8*).
  - 4.3.4 Fuel and Emissions Manager and Administrative Assistant review RFP template before RFP is issued.
  - 4.3.5 Issue RFP for sealed proposals for coal to bidders on EKPC's Coal Bidders Lists (*Exhibit 7*). (Economy, test, and emergency coal proposals may be made verbally and confirmed by written documentation.)
  - 4.4 Open all sealed proposals on or after due date of RFP.
    - 4.4.1 Two Fuel and Emissions personnel must be present on proposal openings for spot purchase orders. A member of the Fuel Negotiating Committee, legal counsel, and two Fuel and Emissions personnel, or their designee(s), must be present on proposal openings for contracts. Receipt of proposals, both written and electronic, will be directly received and controlled by the Administrative Assistant and Fuel Analyst (respectively) prior to formal bid opening.
    - 4.4.2 Administrative Assistant logs proposals reviewed.
    - 4.4.3 Sign log of proposals by those present at opening.
    - 4.4.4 Determine if price negotiations are warranted and obtain approval to negotiate from the Fuel Negotiating Committee for contracts.
  - 4.5 Fuel Buyers evaluate valid opened coal proposals.
    - 4.5.1 Handle proposals that are received after the deadline on a case-by-case basis to determine their eligibility for evaluation. If legitimate information can be obtained to determine that the proposal was sent to be received before the deadline, a proposal
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that is received after the deadline may be considered; otherwise, proposals received after the deadline will not be considered.

- 4.5.2 Determine weighted average price for each proposal.
- 4.5.3 Confirm parameters in the Fuel Evaluation System, and Administrative Assistant updates as needed.
- 4.5.4 Administrative Assistant enters proposals into the Fuel Evaluation System.
- 4.5.5 Fuel Buyer and Administrative Assistant perform data entry verification using the Fuel Evaluation Data Entry Verification form (*Exhibit 16*) with every coal evaluation.
- 4.5.6 Determine if the lowest evaluated, delivered priced proposal(s), as ranked by the Fuel Evaluation System, meets EKPC's requirements as specified in the corresponding RFP to develop a short list of potential supplier(s).
- 4.5.7 Evaluate supplier(s) performance capabilities as outlined in the Fuel, Emission, Limestone, and Lime Strategy (*Exhibit 1*).
- 4.5.8 Initiate concerted internal review process with Fuel and Emissions, Environmental Affairs, Power Production, Finance, Power Supply, and Legal departments as well as the IRMC to evaluate proposals as needed. This internal control step fosters a global perspective of the evaluation process and is particularly important for new projects.
- 4.5.9 Negotiate terms and conditions with selected supplier(s) from short list.
- 4.5.10 Conduct field visit(s), if necessary, to evaluate the facilities, reserves, quality, production capabilities, etc., of the supplier(s) with competitive proposals to evaluate physical risk.
- 4.5.11 Prepare a field evaluation report if a field visit is conducted.
- 4.5.12 Ensure that the necessary due diligence is done in evaluating the credit worthiness and financial stability of all potential suppliers for the Fuel and Emissions department before entering into any binding contracts. The financial evaluation for publically traded companies may be outsourced to a risk management service provider, which would have extensive experience and access to financial information for making a recommendation as to what

extent EKPC should enter contractual commitments with reasonable financial risks. For privately held companies, this may also be performed internally by requesting the supplier's audited financial statement, ratios, and key performance indicators. This private information would then be provided to the Finance department for their review and recommendation. Outsourced financial reviews are subject to a secondary review where recommendation by the Finance department will be obtained and documented. Annual reviews, which include market price reopeners, will be shared with the Finance department for informational purposes.

- 4.5.13 Draft approval memorandum—including economy, emergency, and test purchases—to management (*Exhibit 17*) recommending the most economic supplier(s) of coal meeting the corresponding RFP's specifications while balancing risk.
- 4.5.14 Upon issue, RFPs include a defined term, typically a shorter term for purchase orders and longer term for contracts. If management determines a different term type is more advantageous, based on identification of a change in EKPC's needs or suppliers' responses to the RFP, justification of the term change will be noted in the approval memorandum and approval obtained in accordance with Policy No. 404 (*Exhibit 5*) and No. AO31 (*Exhibit 2*) for the new term type.
- 4.5.15 Negotiation of contract language and terms can take approximately three to four months of negotiation with a supplier. If negotiations exceed six months, management will be updated in writing, and the circumstances regarding the lag time will be documented accordingly in the approval memorandum. In addition, multiple supply agreements may be executed from one RFP response to fulfill projected needs, which will also be documented accordingly in the approval memorandum.
- 4.5.16 Management approves memorandum in accordance with Policy No. 404 (*Exhibit 5*) and No. AO31 (*Exhibit 2*).
- 4.6 Fuel Buyers prepare contract(s) and/or purchase order(s) that are reviewed by legal counsel, with credit rating and insurance requirements reviewed by risk management.
  - 4.6.1 Contract(s) and/or purchase order(s) includes destination, quality, quantity, price, price adjustments, acceptance parameters, insurance terms, payment terms, and other terms and conditions.

- 4.6.2 Incorporate appropriate price adjustments of coal failing to meet the minimum specifications of the contract and/or purchase order using a price adjustment schedule that ensures the value of coal received is commensurate with the price paid.
- 4.6.3 Request W-9 (*Exhibit 13*) and Certificate of Insurance forms from selected supplier(s) if not already on file.
- 4.6.4 Administrative Assistant forwards W-9 (*Exhibit 13*) to Accounting, and Fuel Buyers forward Certificate of Insurance to risk management for approval.
- 4.6.5 Fuel Buyers send draft contract(s) and/or purchase order(s) to supplier(s) for review.
- 4.6.6 Request additional approval from the Fuel and Emissions Manager, legal counsel, and risk management if changes are made to the previously approved draft developed from EKPC's approved template.
- 4.7 Fuel Buyers coordinate the execution of coal contract(s) and purchase order(s).
  - 4.7.1 Fuel Buyers obtain a sequential purchase order number from the fuel and emission's Coal Purchase Order Log Book after appropriate review and/or approval is given by the Fuel and Emissions Manager, legal counsel, and risk management for purchase orders only and obtain an identifying number for contracts from Accounting.
  - 4.7.2 Administrative Assistant reviews contract(s) and purchase order(s) and circulates for signatures prior to distribution utilizing the Contract Approval and Review form (*Exhibit 39*) for contracts only.
  - 4.7.3 Administrative Assistant, at the direction of the Fuel Buyers, distributes the executed contract(s) and/or purchase order(s) internally. These documents are posted to a shared directory with EKPC's risk management service provider within five business days after trade execution for capture in a risk management system as accordance with Policy No. 404 (*Exhibit 5*) and No. A031 (*Exhibit 2*). The Administrative Assistant promptly removes them from the shared directory.
  - 4.7.4 Fuel Analyst logs approved contract(s) and purchase order(s) on Trading Authority Transaction Matrix and submits to risk

management on a regular basis for informational purposes after reconciliation and Fuel and Emissions Manager's approval.

- 4.7.5 Administrative Assistant files executed contract(s) and purchase order(s) in Fuel and Emissions' department files with documentation according to checklist (*Exhibit 14*). Original contract is stored at an offsite storage facility for disaster mitigation.
  - 4.8 Fuel and Emissions personnel schedule coal from the then current contract(s) and/or purchase order(s) to replenish depleted power station supply based on power station need.
    - 4.8.1 Provide selected supplier(s) and barge and train carriers, if applicable, a projected delivery schedule each month for Spurlock Power Station.
  - 4.9 Power Plant Personnel receive delivery of coal.
    - 4.9.1 Weigh trucks daily using certified scales at Dale and Cooper Power Stations for inventory measures and payment. Both gross and tare weights are taken and net weights are determined.
    - 4.9.2 Use calibrated belt scales at Spurlock Power Station to verify barge origin weights or certified barge drafts for determination of destination weights for inventory measures and/or payment as specified by applicable contract or purchase order. (Barge Drafting *Exhibit 18*)
    - 4.9.3 Use weights taken and reported by the railroad transporting the coal to the power station. Certified supplier weights approved by the railroad transporting the coal may be used.
    - 4.9.4 Collect adequate samples of coal deliveries for payment, when applicable, and quality control as required for their respective power station.
    - 4.9.5 Collect and forward information to Accounting stating coal receipts, burn, and stockpile balance.
  - 4.10 Central Lab Personnel assist Power Plant Personnel in sampling of coal as needed and perform coal analysis daily for Dale and Cooper Power Stations and weekly for Spurlock Power Station.
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- 4.10.1 Perform sampling and analysis based on the Coal Sampling Procedures. (Copies are available upon request from Central Lab.)
  - 4.10.2 Use origin samples and/or analysis by a third-party, commercial lab when appropriate.
  - 4.11 Fuel Buyers monitor supplier performance.
    - 4.11.1 Determine if the supplier has met the specifications as outlined on the applicable contract(s) and/or purchase order(s). Performance is trended using the Supplier Scorecard (*Exhibit 12*).
    - 4.11.2 Consult with the Fuel and Emissions Manager if the contract specifications are not met.
    - 4.11.3 The Fuel and Emissions Manager may approve waiving a price adjustment if the circumstances or conditions warrant.
  - 4.12 Fuel Analyst tracks and documents financial reviews.
    - 4.12.1 Documents due dates and execution of interim financial reviews, tracking them on a monthly/quarterly basis as needed.
    - 4.12.2 Performs interim supplier financial reviews for contracts at least annually or more if deemed necessary under the oversight of the Fuel and Emissions Manager who ensures timely execution.
  - 4.13 Verify receipt of deliveries, generate coal invoices, and reconcile freight invoices.
    - 4.13.1 Fuel Analyst enters deliveries for each contract and purchase order on the Trading Authority Transaction Matrix and reconciles regularly with a tracking report from EKPC's risk management service provider. After reconciliation and Fuel and Emissions Manager's approval, Fuel Analyst submits matrix to risk management for informational purposes.
    - 4.13.2 Fuel Buyers review and verify floating price adjustments for production and transportation surcharges as needed.
    - 4.13.3 Fuel Analyst requests documentation of independent bias test results and scale certification from each contract supplier.
    - 4.13.4 Accounting reconciles documentation entered into the accounting computer system (e.g., receipt, burn, analysis, and contract
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and/or purchase order terms and conditions) from Power Plant Personnel, Fuel and Emissions, and Central Lab to generate coal invoices.

- 4.13.5 Accounting reconciles barge and rail invoices received for payment.
- 4.13.6 Accounting contacts responsible party to clarify any discrepancies.
- 4.13.7 Accounting receives Accounting supervisor approval on all invoices and sends to accounts payable for payment.

## 5.0 Effective Date

- 5.1 All departments at EKPC shall be fully compliant with this procedure by January 31, 2015, and this procedure will be reviewed annually.

Concurred by: Craig Johnson  
Craig Johnson  
Sr. Vice President, Power Production

Date: 12-19-14

Concurred by: Mike McNalley  
Mike McNalley  
Chief Financial Officer & Executive VP

Date: 12-29-14

Concurred by: Don Mosier  
Don Mosier  
Chief Operations Officer

Date: 12-19-14

Approved by: David Crews  
David Crews  
Sr. Vice President, Power Supply

Date: 1/5/15

Amended: 02/19/01  
Amended: 07/12/04  
Amended: 11/30/12  
Amended: 12/18/13  
Amended: 12/16/14

# EMISSIONS

PROCEDURE FOR THE PROCUREMENT OF EMISSION ALLOWANCES			E-1
Author: Fuel and Emissions Department		Adopted: 07/12/04	Page 1 of 10
Revision: 3	By: Gail Varner	Revised Date: 12/16/14	Reviewed: Mark Horn

Applies to: Fuel and Emissions, Environmental Affairs, Power Production, Finance, Power Supply, and Legal

Keywords: Emission Allowances

## 1.0 Purpose

This procedure outlines the procurement, delivery, confirmation, and payment of emission allowances for use at East Kentucky Power Cooperative, Inc.'s ("EKPC") power stations.

## 2.0 Terms and Definitions

- 2.1 Acquisition Schedule—Schedule prepared to designate, by quarter, the amount of allowances needed to be purchased to meet the dollar cost averaging method for hedging allowances (*Exhibit 23*).
- 2.2 Acid Rain Program—A program established by Title IV of the 1990 Clean Air Act setting a decreasing cap on SO<sub>2</sub> emissions.
- 2.3 Allocations—Quantity of allowances provided to electric utilities for a given vintage year to be used to offset actual plant emissions occurring in that year or a later year.
- 2.4 Amortization Schedule—Schedule prepared to show allocations, projected purchases, emissions, and estimated inventory of SO<sub>2</sub>, Seasonal NO<sub>x</sub>, and Annual NO<sub>x</sub> (*Exhibit 22*).
- 2.5 Annual NO<sub>x</sub>—NO<sub>x</sub> that is controlled by an individual program within CAIR including its own separate allocations from seasonal NO<sub>x</sub> for an entire calendar year.
- 2.6 Bid—The term used, within the trading system when utilizing a broker, to designate the amount a buyer would pay for one allowance (see also Offer).

- 2.7 Clean Air Markets Division ("CAMD") Business System—An interactive web based business application that enables sources to perform various tasks online, including, but not limited to, transfer allowances, view account balances, and track allowances.
- 2.8 Clean Air Interstate Rule ("CAIR")—A cap-and-trade program promulgated by the EPA in 2005, covering 28 states in the eastern United States and the District of Columbia. It was designed to reduce sulfur dioxide (SO<sub>2</sub>) and nitrogen oxide (NO<sub>x</sub>) emissions in order to help States meet their National Ambient Air Quality Standards (NAAQS) for ozone and particulate matter (PM<sub>2.5</sub>) and to require further emissions reductions already achieved through the Acid Rain Program and the NO<sub>x</sub> State Implementation Plan call program. The rule was set to commence in 2009 for SO<sub>2</sub>, seasonal NO<sub>x</sub>, and annual NO<sub>x</sub> emissions. Compliance with CAIR is required by the court system until EPA can revise the rule based on court imposed guidelines.
- 2.9 Clean Air Transport Rule ("CATR")—EPA rule finalized on July 6, 2011, to replace CAIR and require further reductions in SO<sub>2</sub> and NO<sub>x</sub>. The rule was revised and is currently called CSAPR.
- 2.10 Combustion Turbine ("CT")—An electric generating unit utilizing natural gas or No. 2 fuel oil.
- 2.11 Confirmation—Form sent by broker or seller to document agreed upon product, price, vintage year, quantity, and term (*Exhibit 19*).
- 2.12 Consent Decree for New Source Performance Standards ("CD")—A final, binding judicial decree or judgment between EKPC and the EPA memorializing a voluntary agreement between the parties to a suit in return for withdrawal of a criminal charge or an end to a civil litigation. It establishes various thresholds that EKPC cannot exceed, including, but not limited to, maximum tons of emissions by year for SO<sub>2</sub> and NO<sub>x</sub>.
- 2.13 Contract Approval and Review Form—Form circulated to various EKPC personnel indicating they have reviewed the contract prior to the President and CEO's signature (*Exhibit 39*).
- 2.14 Cross-State Air Pollution Rule ("CSAPR")—EPA rule finalized on July 6, 2011, to replace CAIR and require further reductions in SO<sub>2</sub> and NO<sub>x</sub>. This rule was previously known as CATR and as of October 15, 2012, EPA has appealed the District of Columbia Court of Appeals action to remand CSAPR back to EPA and continue CAIR until revisions or a replacement rule can be established.

- 2.15 Emissions—Constituents of the flue gas occurring as a result of the combustion of a fuel, and for the intent of this document, refers to SO<sub>2</sub>, Seasonal NO<sub>x</sub>, and Annual NO<sub>x</sub>.
- 2.16 Environmental Protection Agency ("EPA")—An agency of the United States federal government that was created for the purpose of protecting human health and the environment by writing and enforcing regulations based on laws passed by Congress.
- 2.17 National Ambient Air Quality Standards ("NAAQS")—The maximum permissible levels of common pollutants in the ambient (outdoor) air set by EPA.
- 2.18 Natural Gas—A naturally occurring hydrocarbon gas mixture consisting primarily of methane, with other hydrocarbons, carbon dioxide, nitrogen, and hydrogen sulfide. Natural gas is used in the production of electricity in its CT units at the J. K. Smith Power Station.
- 2.19 No. 2 Fuel Oil—Dyed ultra-low sulfur diesel fuel containing a maximum 15 ppm sulfur that is used for off-road purposes such as unit startups and flame stabilization in the coal-fired generation fleet and a backup fuel in the CT fleet (Unit Nos. 1 through 7).
- 2.20 NO<sub>x</sub> State Implementation Plan (SIP) call program—This program established by the EPA required 22 states and the District of Columbia to provide NO<sub>x</sub> emission reductions to mitigate ozone transport in the eastern United States. This was established for the warm summer months, referred to as the ozone season, when ground-level ozone concentrations are highest.
- 2.21 Nitrogen Oxides ("NO<sub>x</sub>")—Refers to nitric oxide and nitrogen that are controlled through various programs and termed as Seasonal (Ozone) NO<sub>x</sub> and Annual NO<sub>x</sub> in the CAIR program.
- 2.22 Offer—The term used within the trading system when utilizing a broker to designate the amount a seller would sell one allowance (see also Bid).
- 2.23 Ozone (Seasonal) NO<sub>x</sub>—Interchangeable terms for NO<sub>x</sub> that is controlled by an individual program within CAIR including its own separate allocations from Annual NO<sub>x</sub> for a time period beginning May 1 of each calendar year through September 30 of the same calendar year.
- 2.24 Policy No. AO31—EKPC administrative policy for the Delegation of Authority from EKPC's CEO to management and staff regarding procurement authority for energy, energy related commodities, and transportation (*Exhibit 2*).

- 2.25 Policy No. 116—EKPC Board of Directors Conflict of Interest Policy to ensure that all business affairs of EKPC are conducted in an ethical and businesslike manner in order to avoid all conflicts of interest or the appearance of any conflicts of interest in the conduct of the business affairs of EKPC (*Exhibit 4*).
- 2.26 Policy No. 404—EKPC Board of Directors Transaction Authority Limits for Energy and Energy Related Commodities and Transportation Policy providing authority matrices to delegate procurement approval levels for commodities and fuels (*Exhibit 5*).
- 2.27 Power Stations—Electric power generating plants owned and operated by EKPC: Dale, Cooper, Spurlock, and J. K. Smith. Dale, Cooper, and Spurlock Power Stations are coal-fired power plants, and J. K. Smith is a power plant compiled of seven CT units that are fueled by natural gas (primary) and No. 2 fuel oil (secondary). J. K. Smith also has two units that are natural gas only.
- 2.28 Seasonal (Ozone) NO<sub>x</sub>—Interchangeable terms for NO<sub>x</sub> that is controlled by an individual program within CAIR including its own separate allocations from Annual NO<sub>x</sub> for a time period beginning May 1 of each calendar year through September 30 of the same calendar year.
- 2.29 Sulfur Dioxide ("SO<sub>2</sub>")—A toxic gas created in the combustion process of fuels that contain sulfur and are controlled through various programs such as CAIR.
- 2.30 Trading Authority Transaction Matrix—Delegation of procurement approval authority.
- 2.31 Transaction Schedule—Schedule showing all pertinent information of individual allowance purchases (*Exhibit 20*).
- 2.32 Vintage Year—The date of the allowance certificate and the first allowable year in which the allowance can be used to apply towards emissions.
- 2.33 W-9—Form required by the Internal Revenue Service for tax purposes to be completed by all suppliers stating business name, address, and federal tax identification number before payment is issued (*Exhibit 13*).

### 3.0 Responsibilities

#### 3.1 Fuel and Emissions Manager

- 3.1.1 Manages and directs Fuel Buyers, Administrative Assistant, and Fuel Analyst in the Fuel and Emissions department and assures compliance with Policy No. 116 (*Exhibit 4*).
- 3.1.2 Ensures adequate emission allowances are held in an amount equal to or greater than the quantity of actual emissions from EKPC's power station(s).
- 3.1.3 Assures that Fuel and Emissions staff follow procedures as described herein and in the Fuel, Emissions, Limestone, and Lime Strategy (*Exhibit 1*) for the purchase and delivery of emission allowances.

#### 3.2 Legal Counsel

- 3.2.1 Advises in the development of legal documentation.
- 3.2.2 Reviews and approves documents as to legal form.

#### 3.3 Power Plant Personnel

- 3.3.1 Advise Fuel and Emissions and Power Supply Planning of generating unit outages that could affect the quantity of emissions.

#### 3.4 Fuel Buyers

- 3.4.1 Monitor EKPC's inventory of emission allowances and make recommendations regarding future allowance purchases.
- 3.4.2 Negotiate contract terms of emission allowance contracts.
- 3.4.3 Complete schedule of emission allowance position (receipts, usage, and inventory) for Environmental Affairs and Legal planning purposes.

#### 3.5 Administrative Assistant

- 3.5.1 Assists in managing the emissions contract process.
- 3.5.2 Completes emissions allowance Transaction Schedule (*Exhibit 20*).

- 3.5.3 Verifies that W-9 (*Exhibit 13*) is received from the counterparty of each emission allowance contract.
- 3.5.4 Posts fully executed contract(s) and purchase order(s) to a shared location, and notifies EKPC's risk management service provider.
- 3.6 Fuel Analyst
  - 3.6.1 Manages the Trading Authority Transaction Matrix.
- 3.7 Power Supply Planning
  - 3.7.1 Determines short- and long-term projected emissions.
- 3.8 Environmental Affairs
  - 3.8.1 Communicates testing schedules to Power Supply Planning and Fuel & Emissions.
  - 3.8.2 Performs yearly process of transferring appropriate allowances to EPA unit accounts prior to EPA retiring allowances.
- 3.9 Accounting
  - 3.9.1 Approves payment and sends to treasury for disbursement.
  - 3.9.2 Maintains schedule of allowances and cost for use in the environmental surcharge.

#### **4.0 Procedure**

EKPC is currently, as of October 1, 2012, operating under CAIR rules and receives allocations of emission allowances at the beginning of the year that can be used to offset actual emissions during the year. CAIR was remanded back to EPA by the court system for modifications. EPA then developed CATR which was then revised and re-termed CSAPR. The courts then ruled against CSAPR and EPA appealed the ruling. In ruling against CSAPR, the courts declared that CAIR remain in effect until CSAPR is revised or a replacement rule is developed. Under CAIR, two SO<sub>2</sub> allowances with a vintage year from January 1, 2010, through December 31, 2014, are surrendered for every one ton of emissions. Also, under CAIR, 2.86 SO<sub>2</sub> allowances with a vintage year of 2015 or later are surrendered for every one ton of emissions. On April 29, 2014, the U. S.

Supreme Court reversed the lower court's ruling and upheld CSAPR. CSAPR is now set to begin for the year of 2015.

- 4.1 Determine power plant emissions.
  - 4.1.1 Power Plant Personnel communicate daily to Power Supply Planning the availability of each unit.
  - 4.1.2 Environmental Affairs communicates testing schedules to Power Supply Planning.
  - 4.1.3 Fuel Buyer provides monthly SO<sub>2</sub>, Seasonal NO<sub>x</sub>, and Annual NO<sub>x</sub> replacement cost (*Exhibit 21*).
  - 4.1.4 Power Supply Planning calculates projected emissions using various factors including, but not limited to, weather, price, unit availability, applicable EPA rule allocations, and CD requirements.
- 4.2 Determine quantity and timing of hedged purchases.
  - 4.2.1 Fuel Buyer completes amortization schedule (*Exhibit 22*) and calculates quantity of purchases required over the following three-year period. Input is received from Power Supply Planning and Environmental Affairs including, but not limited to, projected emissions, variability anticipated, allocations, and any regulation changes.
  - 4.2.2 Fuel Buyer completes acquisition schedule (*Exhibit 23*) using yearly projected purchase amounts from amortization schedule (*Exhibit 22*).
- 4.3 Purchase emission allowances.
  - 4.3.1 Fuel Buyer determines price estimate based on industry data and confirms with Fuel Manager.
  - 4.3.2 Fuel Buyer contacts emissions broker or utility and conveys projected quantity. Determine price and quantity of bid for broker to attempt to fill based on current offers. This may be a reiterative process.
  - 4.3.3 Fuel Buyer exercises agreement to price, quantity, and emission product based on Policy No. 404 (*Exhibit 5*) and No. AO31 (*Exhibit 2*). If purchase is not within the Fuel Buyer authority, he will need to obtain a pre-approved authority limit from the Fuel Manager or Senior Vice President of Power Supply.

- 4.4 Confirm deal and negotiate contract.
  - 4.4.1 Broker or counterparty sends confirmation (*Exhibit 19*).
  - 4.4.2 Fuel Buyer verifies confirmation (*Exhibit 19*) information.
  - 4.4.3 Fuel Buyer sends draft contract to counterparty or receives/reviews draft from counterparty.
  - 4.4.4 Negotiate contract with counterparty utilizing Legal and input from appropriate EKPC personnel as required.
  - 4.4.5 Administrative Assistant adds contract information to emission allowance Transaction Schedule (*Exhibit 20*).
- 4.5 Execute emission allowance contract.
  - 4.5.1 Fuel Buyer coordinates the execution of the emission allowance contract.
  - 4.5.2 Administrative Assistant circulates contract for review and signature prior to distribution utilizing the Contract Approval and Review form if contract requires President and CEO's signature.
  - 4.5.3 Fuel Buyer and/or Administrative Assistant secure W-9 (*Exhibit 13*) from supplier.
  - 4.5.4 Administrative Assistant, at the direction of the Fuel Buyers, distributes the executed contract(s) and/or purchase order(s) internally. These documents are posted to a shared directory with EKPC's risk management service provider within five business days after trade execution for capture in a risk management system in accordance with Policy No. 404 (*Exhibit 5*) and No. A031 (*Exhibit 2*). The Administrative Assistant promptly removes them from the shared directory.
  - 4.5.5 Fuel Analyst logs approved contract in Trading Authority Transaction Matrix and submits to risk management on a regular basis for informational purposes after reconciliation and Fuel and Emissions Manager's approval.
  - 4.5.6 Administrative Assistant files executed contract in Fuel and Emissions' department files with back-up documentation.

- 4.6 Confirm delivery of emission allowances.
    - 4.6.1 Fuel Buyer verifies EPA confirmation of counterparty transfer into EKPC account including, but not limited to, counterparty, product, vintage year, quantity, and EKPC account.
    - 4.6.2 Fuel Buyer investigates erroneous information, when applicable, with counterparty, EPA, and/or Environmental Affairs.
  - 4.7 Ensure unit accounts have sufficient quantities of allowances.
    - 4.7.1 Environmental Affairs uses the CAMD Business System to transfer and track allowances so that unit accounts have the appropriate quantity of allowances prior to EPA retiring the allowances.
    - 4.7.2 Fuel Buyer confirms quantities and accounts initiated by Environmental Affairs.
    - 4.7.3 Environmental Affairs in concert with Legal, determines if any further actions are required regarding the CD.
    - 4.7.4 EPA retires Seasonal NO<sub>x</sub> allowances from EKPC unit accounts, on a date certain, approximately November 1, to equal the total of emissions by EKPC power stations during May 1 through September 30 of the current calendar year.
    - 4.7.5 EPA retires SO<sub>2</sub> and Annual NO<sub>x</sub> allowances from EKPC unit accounts, on a date certain, approximately March 1, to equal the total of emissions by EKPC power stations during the prior calendar year.
  - 4.8 Approve invoice.
    - 4.8.1 Fuel Buyer receives counterparty and/or broker invoice and verifies quantity, price, and extended amount due.
    - 4.8.2 Fuel Buyer investigates discrepancies on counterparty and/or broker invoice, if applicable.
    - 4.8.3 Fuel Manager approves counterparty and broker invoice for payment.
    - 4.8.4 Administrative Assistant sends invoice and a copy of the EPA delivery confirmation to Accounting for payment.
-

- 4.8.5 Accounting receives Accounting supervisor approval on invoice(s) and sends to accounts payable for payment.
- 4.8.6 Fuel Analyst enters purchase and delivery for each emission allowance contract on Trading Authority Transaction Matrix and reconciles regularly with a tracking report from EKPC's risk management service provider. After reconciliation and Fuel and Emissions Manager's approval, Fuel Analyst submits to risk management for informational purposes.
- 4.8.7 Accounting completes tracking worksheet including allowances and total cost for use in the environmental surcharge calculation.

## 5.0 Effective Date

- 5.1 All departments at EKPC shall be fully compliant with this procedure by January 31, 2015, and this procedure will be reviewed annually.

Concurred by:   
Craig Johnson  
Sr. Vice President, Power Production

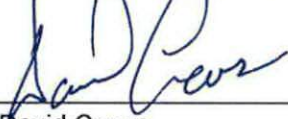
Date: 12/19/14

Concurred by:   
Mike McNalley  
Chief Financial Officer & Executive VP

Date: 12/29/14

Concurred by:   
Don Mosier  
Chief Operations Officer

Date: 12/19/14

Approved by:   
David Crews  
Sr. Vice President, Power Supply

Date: 1/5/15

Amended: 11/30/12  
Amended: 12/18/13  
Amended: 12/16/14

# LIME/LIMESTONE

PROCEDURE FOR THE PROCUREMENT OF LIME, LIME KILN DUST, AND LIMESTONE			L-1
Author: Fuel and Emissions Department		Adopted: 02/27/81	Page 1 of 12
Revision: 5	By: Gail Varner	Revised Date: 12/6/14	Reviewed: Mark Horn

Applies to: Fuel and Emissions, Environmental Affairs, Power Production, Finance, Power Supply, and Legal

Keywords: Lime, Lime Kiln Dust, and Limestone

## 1.0 Purpose

This procedure outlines the procurement, delivery, confirmation, testing, and payment of lime, lime kiln dust, and limestone to be used in the scrubbers, SCRs, and circulating fluidized bed units for East Kentucky Power Cooperative, Inc.'s ("EKPC") power stations.

## 2.0 Terms and Definitions

- 2.1 Certificate of Insurance—Standard Association for Cooperative Operations Research and Development (ACORD) form that identifies the policies afforded by a supplier related to the requirements specified by EKPC contracts/purchase orders.
- 2.2 CFB—Circulating fluidized bed boilers in Gilbert Unit No. 3 at Spurlock Power Station and Spurlock Power Station Unit No. 4.
- 2.3 Contract—Document binding seller to sell and ship designated product that is stating terms and conditions for lime, lime kiln dust, and limestone deliveries to EKPC's power stations sent to a supplier for signatures after approval and before deliveries begin, which is typically a longer term than a purchase order.
- 2.4 Contract Approval and Review Form—Form circulated to various EKPC personnel indicating they have reviewed the contract prior to the President and CEO's signature (*Exhibit 39*).
- 2.5 Economy Purchase—Purchase made without competitive bidding in situations where the price is favorable in comparison with recent bids and unsolicited offers received and in comparison with purchased current market information.

- 2.6 Electronic Proposals—Proposals received through password protected e-mail accounts, managed by Fuel Analyst, and not viewed prior to proposal opening.
- 2.7 Emergency Purchase—Purchase made without competitive bidding when there is an immediate need for lime, lime kiln dust, or limestone in situations including but not limited to: failure of a lime, lime kiln dust, or limestone supplier to perform; increased fuel usage due to an increase in power sales; labor or transportation strikes; severe weather conditions; or inability of power stations to receive lime, lime kiln dust, or limestone by normal means.
- 2.8 Financial Review—Typically includes the examination of an entities' balance sheet, income, and cash flow statements to determine the entities' financial health. Conducted on supplier agreements with an initial term greater than one year.
- 2.9 Fixed Price—Price set in advance of issuance of a contract or purchase order. All applicable taxes, freight, fees, and profit margins are typically included.
- 2.10 Floating Price—Price that is subject to adjustments based upon predetermined indices or surcharges. All applicable taxes, freight, fees, and profit margins are typically included.
- 2.11 Fuel Negotiating Committee—Committee requiring Board of Director participation. The Director will be appointed annually according to guidelines set in Section E, Management Committees from Policy No. 106 (*Exhibit 3*).
- 2.12 IRMC—Internal Risk Management Committee has the authority to approve and oversee the processes used to identify, evaluate, and manage enterprise risk.
- 2.13 Lime—Calcium oxide (CaO) used to absorb SO<sub>x</sub> emissions generated from the burning of coal at Cooper Power Station.
- 2.14 Lime Kiln Dust—Used to extend the life of the SCR catalysts in the scrubbed units of Spurlock Power Station Unit Nos. 1 and 2.
- 2.15 Limestone—Calcium carbonate (CaCO<sub>3</sub>) used to absorb sulfur from the coal at Spurlock Power Station.
- 2.16 Policy No. AO31—EKPC administrative policy for the Delegation of Authority from EKPC's CEO to management and staff regarding

procurement authority for energy, energy related commodities, and transportation (*Exhibit 2*).

- 2.17 Policy No. 106—EKPC Board of Directors policy for the Establishment of Board Committees and Respective Charters (*Exhibit 3*).
- 2.18 Policy No. 116—EKPC Board of Directors Conflict of Interest Policy to ensure that all business affairs of EKPC are conducted in an ethical and businesslike manner in order to avoid all conflicts of interest or the appearance of any conflicts of interest in the conduct of the business affairs of EKPC (*Exhibit 4*).
- 2.19 Policy No. 404—EKPC Board of Directors Transaction Authority Limits for Energy and Energy Related Commodities and Transportation Policy providing authority matrices to delegate procurement approval levels for commodities and fuels (*Exhibit 5*).
- 2.20 Power Stations—Coal-fired power stations owned and operated by EKPC: Dale, Cooper, and Spurlock. Cooper Power Station utilizes lime in a dry scrubber. Spurlock Power Station utilizes limestone in wet scrubbers and the CFB units as well as lime kiln dust in the scrubbed units.
- 2.21 Purchase Order—Document binding seller to sell and ship designated product that is stating terms and conditions for lime, lime kiln dust, and limestone deliveries to EKPC's power stations sent to a supplier for an acceptance signature after approval and before deliveries begin, which is typically a shorter term than a contract.
- 2.22 RFP—Request for proposal sent to prospective suppliers on EKPC's Lime and/or Limestone Bidders List (*Exhibit 24*) to bid for lime and/or limestone.
- 2.23 SCR—Selective catalytic reduction equipment used for the reduction of NO<sub>x</sub> emissions in the scrubbed units.
- 2.24 Scrubber—Flue gas desulfurization equipment used for the reduction of SO<sub>x</sub> emissions in the scrubbed units at Cooper and Spurlock Power Stations.
- 2.25 Sealed Proposals—Proposals received through a written RFP process not viewed prior to proposal opening (can include electronic proposals).
- 2.26 Test Purchase—Purchase made without competitive bidding to test a particular product for its suitability and burning characteristics at EKPC's power stations.

- 2.27 Trading Authority Transaction Matrix—Delegation of procurement approval authority.
- 2.28 W-9—Form required by the Internal Revenue Service for tax purposes to be completed by all suppliers stating business name, address, and federal tax identification number before payment is issued (*Exhibit 13*).

### **3.0 Responsibilities**

#### **3.1 Fuel and Emissions Manager**

- 3.1.1 Manages and directs Fuel Buyers, Administrative Assistant, and Fuel Analyst in the Fuel and Emissions department and assures compliance with Policy No. 116 (*Exhibit 4*).
- 3.1.2 Ensures adequate lime, lime kiln dust, and limestone deliveries to EKPC's power plants.
- 3.1.3 Assures that Fuel and Emissions staff follow procedures as described herein and in the Fuel, Emissions, Limestone, and Lime Strategy (*Exhibit 1*) for the purchase and delivery of lime, lime kiln dust, and limestone.
- 3.1.4 Signs approval memos for all purchase order changes, and executes short-term purchase orders in accordance with Policy No. 404 (*Exhibit 5*) and No. A031 (*Exhibit 2*).

#### **3.2 Power Plant Personnel**

- 3.2.1 Maintain the lime, lime kiln dust, and limestone system at each of EKPC's relevant power stations to ensure its availability to unload lime, lime kiln dust, and limestone deliveries.
- 3.2.2 Monitor the lime, lime kiln dust, and limestone inventory levels at each of EKPC's relevant power stations daily.
- 3.2.3 Advise the Fuel and Emissions department of any concerns regarding the product or product delivery.
- 3.2.4 Collect lime, lime kiln dust, and limestone samples to be analyzed as needed.
- 3.2.5 Weigh trucks randomly to verify origin weights once a week when deliveries occur.

### 3.3 Fuel Buyers

- 3.3.1 Determine quantities needed based on historic and projected needs; generate RFPs; make purchase recommendations; and perform due diligence.
- 3.3.2 Monitor lime, lime kiln dust, and limestone qualities.
- 3.3.3 Manage appropriate contract and/or purchase order(s) throughout the term of the order.
- 3.3.4 Manage lime, lime kiln dust, and limestone deliveries and/or inventory levels at each of EKPC's power stations daily.

### 3.4 Administrative Assistant

- 3.4.1 Assists in managing the RFP process.
- 3.4.2 Reviews contracts and/or purchase order(s).
- 3.4.3 Verifies all documentation is received according to checklist (*Exhibit 14*) and files with appropriate contract(s) and/or purchase order(s).
- 3.4.4 Posts fully executed contract(s) and purchase order(s) to a shared location, and notifies EKPC's risk management service provider.

### 3.5 Legal Counsel

- 3.5.1 Provides representation at long-term purchase proposal openings.
- 3.5.2 Advises in the development of legal documentation.
- 3.5.3 Reviews and approves documents as to legal form.

### 3.6 Fuel Analyst

- 3.6.1 Manages receipt of electronic proposals through password protected e-mail account.
  - 3.6.2 Manages the Trading Authority Transaction Matrix and suppliers' financial reviews.
  - 3.6.3 Assists in managing price adjustments.
-

- 3.6.4 Identifies the fixed and floating component percentages of the year-to-date spend.

### 3.7 Central Lab Personnel

- 3.7.1 Assist Cooper Power Station plant personnel in sampling and analysis of lime as needed.
- 3.7.2 Receive limestone samples from Spurlock Power Station plant personnel for analysis by independent commercial lab.

### 3.8 Accounting

- 3.8.1 Reconciles all documentation from Power Plant Personnel and Fuel Buyers against invoices.
- 3.8.2 Logs receipt information into accounting computer system.
- 3.8.3 Contacts responsible party to clarify any discrepancies in the invoices, receiving records, and/or lab analysis.
- 3.8.4 Approves payment and sends to treasury for disbursement.

## 4.0 Procedure

Cooper Power Station has an above-ground silo that holds approximately 1,067 tons of lime. This silo is maintained at near capacity level.

Spurlock Power Station has a scrubber limestone shed that holds approximately 4,000 tons and a CFB limestone shed that holds approximately 4,000 tons. These sheds are maintained at near capacity levels. A contingency stockpile of 20,000 tons of limestone is also maintained for the scrubbers and another 20,000 tons for the CFBs. Spurlock Power Station also has a silo that holds approximately 250 tons of lime kiln dust. It is maintained at near capacity level.

- 4.1 Issue RFP to obtain approved contract(s) and/or purchase order(s). The steps for issuing an RFP are as follows:
  - 4.1.1 Fuel Buyers determine term, quality, and quantity for lime, lime kiln dust, and limestone of RFP based on historic and projected needs.

- 4.1.2 Develop and coordinate test for possible product or handling improvement. Improvement may be in terms of economics, compatibility, flexibility, or dependability.
  - 4.1.3 Fuel Buyers create an RFP template (*Exhibit 25*) stating applicable delivery locations, term, quality, quantity, and price options.
  - 4.1.4 Fuel and Emissions Manager and Administrative Assistant review RFP template (*Exhibit 25*) before RFP is issued.
  - 4.1.5 Issue RFP for sealed proposals for lime and limestone to bidders on EKPC's Lime and/or Limestone Bidders Lists (*Exhibit 24*). (No RFP is currently required for lime kiln dust due to sole source. In addition, economy, test, and emergency lime and limestone proposals may be made verbally and confirmed by written documentation.)
  - 4.2 Open all sealed proposals on or after due date of RFP.
    - 4.2.1 Two Fuel and Emissions personnel must be present on proposal openings for purchase orders. A member of the Fuel Negotiating Committee, legal counsel, and two Fuel and Emissions personnel, or their designee(s), must be present on proposal openings for contracts. Receipt of proposals, both written and electronic, will be directly received and controlled by the Administrative Assistant and Fuel Analyst (respectively) prior to formal bid opening.
    - 4.2.2 Administrative Assistant logs proposals reviewed.
    - 4.2.3 Sign log of proposals by those present at opening.
    - 4.2.4 Determine if price negotiations are warranted and obtain approval to negotiate from the Fuel Negotiating Committee for contracts.
  - 4.3 Fuel Buyers evaluate valid opened lime, lime kiln dust, and limestone proposals.
    - 4.3.1 Handle proposals that are received after the deadline on a case-by-case basis to determine their eligibility for evaluation. If legitimate information can be obtained to determine that the proposal was sent to be received before the deadline, a proposal that is received after the deadline may be considered; otherwise, proposals received after the deadline will not be considered.
-

- 4.3.2 Rank opened proposals in order of lowest to highest cost for fixed and/or floating pricing.
- 4.3.3 Determine if lowest priced proposal(s) meets EKPC's requirements as specified in the corresponding RFP.
- 4.3.4 Evaluate supplier(s) performance capabilities.
- 4.3.5 Initiate concerted internal review process with Fuel and Emissions, Environmental Affairs, Power Production, Finance, Power Supply, and Legal departments as well as the IRMC to evaluate proposals as needed. This internal control step fosters a global perspective of the evaluation process and is particularly important for new projects.
- 4.3.6 Conduct field visit(s), if necessary, to evaluate the facilities, reserves, quality, production capabilities, etc., of the supplier(s) with competitive proposals to evaluate physical risk.
- 4.3.7 Prepare a field evaluation report if field visit is conducted.
- 4.3.8 Ensure that the necessary due diligence is done in evaluating the credit worthiness and financial stability of all potential suppliers for the Fuel and Emissions department before entering into any binding contracts. The financial evaluation for publically traded companies may be outsourced to a risk management service provider, which would have extensive experience and access to financial information for making a recommendation as to what extent EKPC should enter contractual commitments with reasonable financial risks. For privately held companies, this may also be performed internally by requesting the supplier's audited financial statement, ratios, and key performance indicators. This private information would then be provided to the finance department for their review and recommendation. Outsourced financial reviews are subject to a secondary review where recommendation by the Finance department will be obtained and documented. Annual reviews, which include market price reopeners, will be shared with the Finance department for informational purposes.
- 4.3.9 Draft approval memorandum to management (*Exhibit 26*) recommending the most economic supplier(s) of lime, lime kiln dust, and limestone meeting the corresponding RFP's specifications while balancing risk.

- 4.3.10 Upon issue, RFPs include a defined term, typically a shorter term for purchase orders and longer term for contracts. If management determines a different term type is more advantageous, based on identification of a change in EKPC's needs or suppliers' responses to the RFP, justification of the term change will be noted in the approval memorandum and approval obtained in accordance with Policy No. 404 (*Exhibit 5*) and No. AO31 (*Exhibit 2*) for the new term type.
  - 4.3.11 Negotiation of contract language and terms can take approximately three to four months of negotiation with a supplier. If negotiations exceed six months, management will be updated in writing, and the circumstances regarding the lag time will be documented accordingly in the approval memorandum. In addition, multiple supply agreements may be executed from one RFP response to fulfill projected needs, which will also be documented accordingly in the approval memorandum.
  - 4.3.12 Management approves memorandum in accordance with Policy No. 404 (*Exhibit 5*) and No. AO31 (*Exhibit 2*).
  - 4.4 Fuel Buyers prepare contract(s) and/or purchase order(s) that are reviewed by legal counsel, with credit rating and insurance requirements reviewed by risk management.
    - 4.4.1 Contract(s) and/or purchase order(s) includes destination, quality, quantity, price, acceptance parameters, and terms and conditions.
    - 4.4.2 Request W-9 (*Exhibit 13*) and Certificate of Insurance forms from selected supplier(s) if not already on file.
    - 4.4.3 Administrative Assistant forwards W-9 (*Exhibit 13*) to Accounting, and Fuel Buyers forward Certificate of Insurance to risk management for approval.
    - 4.4.4 Fuel Buyers send draft contract(s) and/or purchase order(s) to supplier(s) for review.
    - 4.4.5 Request additional approval from the Fuel and Emissions Manager and legal counsel if changes are made to the previously approved draft.
  - 4.5 Fuel Buyers coordinate the execution of lime, lime kiln dust, and limestone contract(s) and purchase order(s).
-


- 4.5.1 Fuel Buyers obtain a sequential purchase order number from the fuel and emission's Oil Purchase Order Log Book after appropriate review and/or approval is given by the Fuel and Emissions Manager, legal counsel, and risk management for purchase orders only and obtain an identifying number for contracts from Accounting.
  - 4.5.2 Administrative Assistant reviews contract(s) and purchase order(s) and circulates for signatures prior to distribution utilizing the Contract Approval and Review form (*Exhibit 39*) for contracts only.
  - 4.5.3 Administrative Assistant, at the direction of the Fuel Buyers, distributes the executed contract(s) and/or purchase order(s) internally. These documents are posted to a shared directory with EKPC's risk management service provider within five business days after trade execution for capture in a risk management system in accordance with Policy No. 404 (*Exhibit 5*) and No. A031 (*Exhibit 2*). The Administrative Assistant promptly removes them from the shared directory.
  - 4.5.4 Fuel Analyst logs approved contract(s) and purchase order(s) on Trading Authority Transaction Matrix and submits to risk management on a regular basis for informational purposes after reconciliation and Fuel and Emissions Manager's approval.
  - 4.5.5 Administrative Assistant files executed contract(s) and purchase order(s) in Fuel and Emissions' department files with documentation according to checklist (*Exhibit 14*). Original contract is stored at an offsite storage facility for disaster mitigation.
  - 4.6 Fuel and Emissions personnel schedule lime, lime kiln dust, and limestone from the then current contract(s) and/or purchase order(s) to replenish depleted power station supply based on power station need.
    - 4.6.1 Provide selected lime, lime kiln dust, and limestone supplier(s) a projected delivery schedule for up to one year.
  - 4.7 Power Plant Personnel receive delivery of lime, lime kiln dust, and limestone.
    - 4.7.1 Collect bill of lading and forward to Accounting.
-

- 4.7.2 Perform adequate sampling on lime, lime kiln dust, and limestone deliveries or inventories for quality control as required for their respective power station.
  - 4.7.3 Weigh trucks randomly once a week when deliveries occur using truck scales at the power stations to determine any net material discrepancies compared to the origin bill of lading. (Subtract tare weight from gross weight to determine net weight.)
  - 4.7.4 Monitor unloading of trucks.
  - 4.8 Central Lab Personnel assist Power Plant Personnel as needed with lime and limestone sampling and analysis.
  - 4.9 Fuel Analyst tracks and documents financial reviews.
    - 4.9.1 Documents due dates and execution of interim financial reviews, tracking them on a monthly/quarterly basis as needed.
    - 4.9.2 Performs interim supplier financial reviews for contracts at least annually or more if deemed necessary under the oversight of the Fuel and Emissions Manager.
  - 4.10 Verify receipt and invoice approval.
    - 4.10.1 Fuel Analyst enters deliveries for each contract and purchase order on the Trading Authority Transaction Matrix and reconciles regularly with a tracking report from EKPC's risk management service provider. After reconciliation and Fuel and Emissions Manager's approval, Fuel Analyst submits matrix to risk management for informational purposes.
    - 4.10.2 Fuel Buyers review and verify floating price adjustments for production and transportation surcharges as needed.
    - 4.10.3 Accounting reconciles all documentation (e.g., bill of lading, surcharge and delivery spreadsheets) from Power Plant Personnel and Fuel Buyers against invoices.
    - 4.10.4 Accounting logs receipt information into accounting computer system.
    - 4.10.5 Accounting contacts responsible party to clarify any discrepancies in volume and pricing.
-


- 4.10.6 Accounting receives Accounting supervisor approval on invoice and sends to accounts payable for payment.

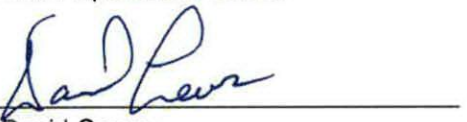
## 5.0 Effective Date

- 5.1 All departments at EKPC shall be fully compliant with this procedure by January 31, 2015, and this procedure will be reviewed annually.

Concurred by:  Date: 12-19-14  
Craig Johnson  
Sr. Vice President, Power Production

Concurred by:  Date: 12-27-14  
Mike McNalley  
Chief Financial Officer & Executive VP

Concurred by:  Date: 12-19-14  
Don Mosier  
Chief Operations Officer

Approved by:  Date: 1/5/15  
David Crews  
Sr. Vice President, Power Supply

Amended: 02/19/01  
Amended: 07/12/04  
Amended: 11/30/12  
Amended: 12/18/13  
Amended: 12/16/14

# NATURAL GAS

PROCEDURE FOR THE PROCUREMENT OF NATURAL GAS			NG-1
Author: Fuel and Emissions Department		Adopted: 02/01/05	Page 1 of 12
Revision: 3	By: Gail Varner	Revised Date: 12/16/14	Reviewed: Mark Horn

Applies to: Fuel and Emissions, Environmental Affairs, Power Production, Finance, Power Supply, and Legal

Keywords: Natural Gas

## 1.0 Purpose

This procedure outlines the procurement, delivery, confirmation, and payment of natural gas for use at East Kentucky Power Cooperative, Inc.'s ("EKPC") power stations.

## 2.0 Terms and Definitions

- 2.1 Combustion Turbine ("CT")—An electric generating unit utilizing natural gas or No. 2 fuel oil.
- 2.2 Confirmation—Form executed by Buyer and Seller to document agreed upon price, quantity, and term (*Exhibit 27*).
- 2.3 Daily Natural Gas Update Report—Report containing, but not limited to, the current OBA, projected OBA, current average price paid, and any pipeline constraints or OFOs (*Exhibit 28*).
- 2.4 Daily Price Report—Report containing projected pricing for day-ahead purchases and intra-day purchases (*Exhibit 29*).
- 2.5 Day-Ahead Purchase—Purchase made prior to 9:00 a.m. c.s.t the calendar day before the gas day.
- 2.6 Dekatherm ("Dth")—Unit of energy equal to 10 therms or one million British thermal units.
- 2.7 Estimated Burn Profile—Hourly schedule showing projected usage of natural gas required by the transportation pipeline (*Exhibit 30*).
- 2.8 External Natural Gas Manager—Company outside EKPC utilized to perform natural gas purchasing functions such as, but not limited to,

supplier contact, OBA management, and assisting in NAESB natural gas contract negotiation.

- 2.9 Federal Energy Regulatory Commission ("FERC")—An independent agency that regulates the interstate transmission of electricity, natural gas, and oil.
- 2.10 Form 552—Annual form required by FERC that summarizes natural gas purchases and sales.
- 2.11 Gas Day—The gas day runs from 9:00 a.m. c.s.t through the following 9:00 a.m. c.s.t., or as modified by the natural gas industry.
- 2.12 Intra-Day Purchase—Purchase made within the current gas day.
- 2.13 Mcf (Thousand Cubic Feet)—A measurement of volume in the oil and gas industry. In general 1 Mcf = 1 MMBtu = 1 Dth. On average, 1 Mcf contains 1.027 MMBtu although this will vary based on the quality of the natural gas.
- 2.14 Measurement & Regulation ("M & R") Station—A station comprised of piping, valves, and regulators used in controlling the flow and measuring the quantity from the pipeline to the next user.
- 2.15 Million Btu ("MMBtu")—One million British thermal units is the unit of measure for the price paid for natural gas purchases.
- 2.16 Natural Gas—A naturally occurring hydrocarbon gas mixture consisting primarily of methane, with other hydrocarbons, carbon dioxide, nitrogen, and hydrogen sulfide. Natural gas is used in the production of electricity in its CT units at the J. K. Smith Power Station.
- 2.17 No. 2 Fuel Oil—Dyed ultra-low sulfur diesel fuel containing a maximum 15 ppm sulfur that is used for off-road purposes such as unit startups and flame stabilization in the coal-fired generation fleet and a backup fuel in the CT fleet (Unit Nos. 1 through 7).
- 2.18 North American Energy Standards Board (NAESB)—Serves as an industry forum for the development and promotion of standards which will lead to a seamless marketplace for wholesale and retail natural gas and electricity, as recognized by its customers, business community, participants, and regulatory entities.
- 2.19 NAESB Natural Gas Contract—Standard contract for the purchase and sale of natural gas. These contracts only put forth the terms and

conditions agreed to by Buyer and Seller. Price, term, and quantity are agreed to on separate confirmations (*Exhibit 27*).

- 2.20 Operational Balancing Agreement ("OBA")—Agreement setting forth the terms and conditions for scheduling nominations, deliveries, and balancing at the interconnection of the natural gas pipeline.
- 2.21 Operational Flow Order ("OFO")—Order which is issued by a pipeline to protect the operational integrity of the system. The orders may either restrict service or require actions by shippers to correct the problem and include increasing severity of penalties for failure to comply.
- 2.22 Policy No. AO31—EKPC administrative policy for the Delegation of Authority from EKPC's CEO to management and staff regarding procurement authority for energy, energy related commodities, and transportation (*Exhibit 2*).
- 2.23 Policy No. 116—EKPC Board of Directors Conflict of Interest Policy to ensure that all business affairs of EKPC are conducted in an ethical and businesslike manner in order to avoid all conflicts of interest or the appearance of any conflicts of interest in the conduct of the business affairs of EKPC (*Exhibit 4*).
- 2.24 Policy No. 404—EKPC Board of Directors Transaction Authority Limits for Energy and Energy Related Commodities and Transportation Policy providing authority matrices to delegate procurement approval levels for commodities and fuels (*Exhibit 5*).
- 2.25 Policy No. 405—EKPC Board of Directors Hedging Policy (1) guides disciplined hedging of forecasted power supply needs; (2) provides a method for identifying EKPC's risk tolerance and time horizon for hedging; (3) clarifies EKPC's hedging objectives; and (4) more clearly integrates the energy risk management governance structure, trading authority, risk reporting, and portfolio management functions (*Exhibit 6*).
- 2.26 Power Stations—Electric power generating plants owned and operated by EKPC: Dale, Cooper, Spurlock, and J. K. Smith. Dale, Cooper, and Spurlock Power Stations are coal-fired power plants, and J. K. Smith is a power plant compiled of seven CT units that are fueled by natural gas (primary) and No. 2 fuel oil (secondary). J. K. Smith also has two units that are natural gas only.
- 2.27 Tennessee Gas Pipeline ("TGP")—Interstate natural gas transmission pipeline to which the J. K. Smith Power Station site is inter-connected.

- 2.28 Texas Eastern—Interstate natural gas transmission pipeline to which the J. K. Smith Power Station site is inter-connected by an EKPC owned six-mile lateral.
- 2.29 Thousand Cubic Feet ("Mcf")—A measurement of volume in the oil and gas industry. In general 1 Mcf = 1 MMBtu = 1 Dth. On average, 1 Mcf contains 1.027 MMBtu although this will vary based on the quality of the natural gas.
- 2.30 Trade Data Gas Form—Form completed after purchase to record flow date, MMBtu purchased, price/MMBtu, total dollars, buy or sell, counterparty, pipeline, execution date, type of purchase, and trader name (*Exhibit 31*).
- 2.31 Trading Authority Transaction Matrix—Delegation of procurement approval authority.
- 2.32 W-9—Form required by the Internal Revenue Service for tax purposes to be completed by all suppliers stating business name, address, and federal tax identification number before payment is issued (*Exhibit 13*).

### **3.0 Responsibilities**

#### **3.1 Fuel and Emissions Manager**

- 3.1.1 Manages and directs Fuel Buyers, administrative assistant, and Fuel Analyst in the Fuel and Emissions department and assures compliance with Policy No. 116 (*Exhibit 4*).
- 3.1.2 Ensures adequate natural gas deliveries to EKPC's power station(s).
- 3.1.3 Assures that Fuel and Emissions staff follow procedures as described herein and in the Fuel, Emissions, Limestone, and Lime Strategy (*Exhibit 1*) for the purchase and delivery of natural gas.
- 3.1.4 Evaluate hedging opportunities in accordance with Policy No. 405 (*Exhibit 6*).

#### **3.2 Legal Counsel**

- 3.2.1 Advises in the development of legal documentation.
  - 3.2.2 Reviews and approves documents as to legal form.
-

### 3.3 Power Plant Personnel

- 3.3.1 Maintain the natural gas system and M & R station at the J. K. Smith Power Station to ensure their availability to utilize natural gas.
- 3.3.2 Advise Fuel and Emissions and Power Supply Planning of generating unit, M & R station, and/or pipeline outages that could affect the quantity and/or deliverability of natural gas.
- 3.3.3 Track, review, and make adjustments in unit starts and/or run hours to achieve environmental compliance on each units maximum starts and/or run hours.
- 3.3.4 Develop, coordinate, and execute periodic testing of pipelines to ensure that any pipeline can be used, operationally, for natural gas deliveries.

### 3.4 Fuel Buyers

- 3.4.1 Act as liaison between EKPC's external natural gas manager and EKPC's other department personnel.
- 3.4.2 Monitor EKPC's pipeline transportation OBA's and make recommendations regarding future natural gas purchases.
- 3.4.3 Ensure all affected EKPC personnel are aware when any pipeline initiated OFO is issued and make recommendations regarding a plan of action.
- 3.4.4 Complete and review schedule indicating number of starts and amount of run hours, both current and projected, and alert appropriate personnel.

### 3.5 Administrative Assistant

- 3.5.1 Assists in managing the NAESB natural gas contract process.
  - 3.5.2 Completes natural gas pricing worksheet tracking performance of external natural gas manager.
  - 3.5.3 Complete monthly natural gas purchase summary for approval in accordance with Policy No. 404 (*Exhibit 5*) and No. AO31 (*Exhibit 2*).
-

- 3.5.4 Posts fully executed NAESB natural gas contract(s) to a shared location, and notifies EKPC's risk management service provider.
- 3.6 Fuel Analyst
  - 3.6.1 Manage the Trading Authority Transaction Matrix.
- 3.7 Power Supply Planning
  - 3.7.1 Determines short- and long-term projected natural gas usage and prepare Estimated Burn Profile (*Exhibit 30*).
  - 3.7.2 Contacts external natural gas manager to revise and/or qualify projected natural gas usage.
  - 3.7.3 Reviews CT unit starts and run hours in order to vary starts and run hours.
- 3.8 Environmental Affairs
  - 3.8.1 Communicates testing schedules to appropriate personnel.
  - 3.8.2 Reviews CT unit starts and run hours and alert appropriate personnel.
- 3.9 Accounting
  - 3.9.1 Verifies volume and price per MMBtu from natural gas confirmations (*Exhibit 27*) with supplier invoice for accuracy.
  - 3.9.2 Contacts responsible party and/or Fuel Buyer to clarify any discrepancies in the invoices.
  - 3.9.3 Approves payment and sends to treasury for disbursement.
  - 3.9.4 Prepares and files Form 552 annually with FERC.

#### **4.0 Procedure**

J. K. Smith Power Station has two interstate natural gas pipelines that service the site. The TGP, owned by Kinder Morgan, is inter-connected to the site approximately ½ mile from the CTs. The Texas Eastern pipeline, owned by Spectra Energy, is interconnected to the site with an approximate 6 mile lateral owned by EKPC. EKPC's OBA with TGP includes a cash settlement at the end of every month and under normal conditions can handle between +/- 40 – 60,000

Dths. EKPC's OBA with Texas Eastern contains an acceptable daily variance of not more than 7,500 Dths and an accumulated balance of not more than 15,000 Dths. The Texas Eastern OBA is not financially settled but is volumetrically settled the following month.

J. K. Smith Power Station CT Unit Nos. 1 through 7 may only be started 200 times each within a calendar year and Unit Nos. 9 and 10 only 365 times each. Unit Nos. 1 through 4 may only be operated 2,500 hours based on a rolling 12-month time period. Unit Nos. 5 through 7 have no operating hour limitation. Unit Nos. 9 and 10 may only be operated 4,000 hours on a rolling 12-month time period.

4.1 Determine natural gas usage.

- 4.1.1 Power Plant Personnel communicate daily to Power Supply Planning the availability of each unit.
- 4.1.2 Environmental Affairs communicates testing schedules to Power Supply Planning.
- 4.1.3 External gas manager provides daily estimate of day-ahead and intra-day pricing via Daily Price Report (*Exhibit 29*).
- 4.1.4 Power Supply Planning calculates projected natural gas usage using various factors including, but not limited to, weather, price, and unit availability.
- 4.1.5 Power Supply Planning personnel completes Estimated Burn Profile (*Exhibit 30*) for use in determining appropriate purchases. This form is also required by the transportation pipeline.

4.2 Execute NAESB natural gas contracts with potential suppliers.

- 4.2.1 External natural gas manager and/or Fuel Buyer proposes new natural gas supplier based on, but not limited to, the number of current gas suppliers, supplier pipeline transportation, and other supplier history.
- 4.2.2 External natural gas manager initiates NAESB natural gas contract negotiation.
- 4.2.3 Fuel Buyer, Legal, and external natural gas manager negotiate an acceptable NAESB natural gas contract with supplier.

- 4.2.4 EKPC's risk management service provider checks the supplier's credit and assigns a credit limit based on EKPC's Director of Risk's approval.
  - 4.2.5 Administrative Assistant obtains appropriate signature.
  - 4.2.6 Fuel Buyer and/or Administrative Assistant secure W-9 (*Exhibit 13*) from supplier.
  - 4.2.7 Administrative Assistant, at the direction of the Fuel Buyers, distributes the executed NAESB natural gas contract(s) internally. These documents are posted to a shared directory with EKPC's risk management service provider within five business days after trade execution for capture in a risk management system in accordance with Policy No. 404 (*Exhibit 5*) and No. A031 (*Exhibit 2*). The Administrative Assistant promptly removes them from the shared directory.
  - 4.2.8 Fuel Analyst logs approved contract(s) on Trading Authority Transaction Matrix and submits to risk management on a regular basis for informational purposes after reconciliation and Fuel and Emissions Manager's approval.
  - 4.2.9 Administrative Assistant files executed contract(s) in Fuel and Emissions' department files. Original contract is stored at an offsite storage facility for disaster mitigation.
  - 4.3 Purchase natural gas volumes required.
    - 4.3.1 External natural gas manager determines quantity to be purchased, under normal pipeline operating conditions, based on Estimated Burn Profile (*Exhibit 30*). Determination is made whether to make less expensive day-ahead purchases or to make intra-day purchases that aid in OBA management but are typically more expensive.
    - 4.3.2 Fuel Buyer and Power Supply Planning, under adverse operating conditions on the pipeline, consult and advise external natural gas manager regarding purchase quantities.
    - 4.3.3 External natural gas manager contacts several suppliers who have an existing NAESB natural gas contract with EKPC and requests quotes for the designated term and quantity.
    - 4.3.4 External natural gas manager purchases natural gas based on, but not limited to, price, quantity, past performance, urgency of
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purchase, term of purchase, pipeline use, and transportation cost. Quantities are purchased in MMBtu, not Mcf, in order to pay for the heat content received.

- 4.3.5 Purchase is made within authority levels in accordance with Policy No. 404 (*Exhibit 5*), Policy No. AO31 (*Exhibit 2*), and existing credit limits.
- 4.3.6 External natural gas manager or natural gas supplier makes nomination on TGP's or Texas Eastern's web-based system to confirm source, destination, and quantity of natural gas purchased.
- 4.3.7 Natural gas deliveries begin on the date specified and under the terms of the confirmation (*Exhibit 27*) and NAESB natural gas contract.
- 4.3.8 Fuel Manager, Fuel Buyer, Power Supply Planning, and Finance, to the extent possible, may hedge the future price on a portion of its natural gas purchases based on, but not limited to, future power prices, volume certainty, future natural gas prices, and future power prices to achieve the most desirable risk management scenario for EKPC and its members.
- 4.4 Prepare and review transaction documentation.
  - 4.4.1 External gas manager enters transaction into Trade Data Gas Form (*Exhibit 31*).
  - 4.4.2 Confirmation (*Exhibit 27*) is sent from supplier to Fuel Buyer and external gas manager.
  - 4.4.3 Fuel Buyer verifies date, quantities, and prices on Trade Data Gas Form (*Exhibit 31*) with individual confirmations (*Exhibit 27*) received from suppliers.
  - 4.4.4 Fuel Buyer investigates any discrepancies with external gas manager and/or natural gas supplier.
- 4.5 Manage OBA.
  - 4.5.1 External natural gas manager provides Daily Natural Gas Update Report (*Exhibit 28*).

- 4.5.2 Fuel Buyer and external natural gas manager monitor OBA in order to minimize associated costs and ensure pipeline satisfaction.
  - 4.5.3 Fuel Buyer confirms OBA level and investigates errors or inappropriate projected levels.
  - 4.5.4 Fuel Buyer verifies month end OBA through TGP on-line system and external natural gas manager.
  - 4.6 Manage OFO.
    - 4.6.1 Designated personnel receive OFO notices from the pipeline directly (*Exhibit 32*).
    - 4.6.2 Fuel Buyer acknowledges OFO to personnel, explains situation, and if it applies to EKPC.
    - 4.6.3 External natural gas manager notes OFO information on the Daily Natural Gas Update Report (*Exhibit 28*) and informs EKPC personnel when applicable OFO occurs.
    - 4.6.4 Fuel Buyer, Power Supply Planning, and external natural gas manager discuss projected usage before sending out Estimated Burn Profile (*Exhibit 30*). These discussions shall include, but not necessarily be limited to, if intra-day purchases are an option; likelihood of projected usage materializing; OBA utilization; and if there are time constraints.
  - 4.7 Ensure environmental compliance.
    - 4.7.1 Fuel Buyer completes starts and run-hours schedule (*Exhibit 31*) indicating number of starts and amount of run hours, both current and projected.
    - 4.7.2 Fuel Buyer, Power Supply Planning, Environmental Affairs, and J. K. Smith Power Station review the start and run-hours schedule (*Exhibit 33*) and contact the other departments if they recognize any current or future issues that may affect environmental compliance.
    - 4.7.3 Power Supply Planning and J. K. Smith Power Station alter starts or run hours as necessary to achieve compliance.
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- 4.8 Verify receipt and invoice approval.
    - 4.8.1 Fuel Buyer prepares invoice estimate and submits to Accounting along with confirmations (*Exhibit 27*), Trade Data Gas Form (*Exhibit 30*), and OBA calculation backup.
    - 4.8.2 Accounting verifies confirmations (*Exhibit 27*) and invoice estimate with respective supplier invoices.
    - 4.8.3 Accounting and/or Fuel Buyer resolve discrepancies with external natural gas manager and/or respective supplier.
    - 4.8.4 Accounting logs receipt information into accounting computer system.
    - 4.8.5 Accounting receives Accounting supervisor approval on invoice(s) and sends to accounts payable for payment.
    - 4.8.6 Fuel Analyst enters purchases and deliveries for a duration longer than one month for each NAESB natural gas contract on the Trading Authority Transaction Matrix and reconciles regularly with a tracking report from EKPC's risk management service provider. After reconciliation and Fuel and Emissions Manager's approval, Fuel Analyst submits matrix to risk management for informational purposes.
    - 4.8.7 Administrative Assistant enters purchases into natural gas pricing worksheet to track natural gas purchase performance.
    - 4.8.8 Administrative Assistant completes natural gas purchase summary for approval in accordance with Policy No. 404 (*Exhibit 5*) and No. AO31 (*Exhibit 2*).
    - 4.8.9 Accounting completes annual FERC Form 552 with assistance from Fuel Buyer and external natural gas manager.
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## 5.0 Effective Date

5.1 All departments at EKPC shall be fully compliant with this procedure by January 31, 2015, and this procedure will be reviewed annually.

Concurred by:   
Craig Johnson  
Sr. Vice President, Power Production

Date: 12-19-14

Concurred by:   
Mike McNalley  
Chief Financial Officer & Executive VP

Date: 12-22-14

Concurred by:   
Don Mosier  
Chief Operations Officer

Date: 12-19-14

Approved by:   
David Crews  
Sr. Vice President, Power Supply

Date: 1/5/15

Amended: 11/30/12

Amended: 12/18/13

Amended: 12/16/14

**OIL**

PROCEDURE FOR THE PROCUREMENT OF FUEL OIL			O-1
Author: Fuel and Emissions Department		Adopted: 02/27/81	Page 1 of 12
Revision: 6	By: Gail Varner	Revised Date: 12/16/14	Reviewed: Mark Horn

Applies to: Fuel and Emissions, Environmental Affairs, Power Production, Finance, Power Supply, and Legal

Keywords: No. 2 fuel oil

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## 1.0 Purpose

This procedure outlines the procurement, delivery, confirmation, testing, and payment of No. 2 fuel oil for use at East Kentucky Power Cooperative, Inc.'s ("EKPC") power stations.

## 2.0 Terms and Definitions

- 2.1 Branded Price—Price for No. 2 fuel oil product that is brand specific, by the seller that is identified by tracers in the fuel oil. Price is typically regarded as more reliable in times of crisis such as hurricanes.
- 2.2 Certificate of Insurance—Standard Association for Cooperative Operations Research and Development (ACORD) form that identifies the policies afforded by a supplier related to the requirements specified by EKPC contracts/purchase orders.
- 2.3 Fuel Oil Bidders List—List of current oil supply companies to submit requests for proposals stating their addresses, representative contacts, phone numbers, and applicable stations for bidding purposes (*Exhibit 34*).
- 2.4 Contract— Document binding seller to sell and ship designated product that is stating terms and conditions for oil deliveries to EKPC's power stations sent to a supplier for signatures after approval and before deliveries begin, which is typically a longer term than a purchase order. (In terms of hedge quantities, a Nymex contract represents 1,000 barrels or 42,000 gallons of No. 2 fuel oil.)
- 2.5 Contract Approval and Review Form—Form circulated to various EKPC personnel indicating they have reviewed the contract prior to the President and CEO's signature (*Exhibit 39*).

- 2.6 Electronic Proposals—Proposals received through password projected e-mail accounts, managed by Fuel Analyst, and not viewed prior to proposal opening.
- 2.7 Financial Review—Typically includes the examination of an entities' balance sheet, income, and cash flow statements to determine the entities' financial health. Conducted on supplier agreements with an initial term greater than one year.
- 2.8 Fixed Price—Price set in advance of issuance of a purchase order. All applicable taxes, freight, fees, and profit margins are included except for a demurrage charge if applicable.
- 2.9 No. 2 Fuel Oil—Dyed ultra-low sulfur diesel fuel containing a maximum 15 ppm sulfur that is used for off-road purposes such as unit startups and flame stabilization in the coal-fired generation fleet and a backup fuel in the combustion turbine fleet (Unit Nos. 1 through 7).
- 2.10 Oil Purchase Order Log Book—Log book containing sequential purchase order numbers for new oil purchase orders issued that states company name, issued date, applicable station, terms, gallons, price, and comments of each purchase order.
- 2.11 Ownership Disclosure—Form to be completed by all oil suppliers designating company type (proprietorship, partnership, corporation); owners; authorized sales representative(s); and any affiliation with EKPC's Board of Directors, employees or EKPC, or their immediate family (*Exhibit 35*).
- 2.12 Policy No. AO31—EKPC administrative policy for the Delegation of Authority from EKPC's CEO to management and staff regarding procurement authority for energy, energy related commodities, and transportation (*Exhibit 2*).
- 2.13 Policy No. 116—EKPC Board of Directors Conflict of Interest Policy to ensure that all business affairs of EKPC are conducted in an ethical and businesslike manner in order to avoid all conflicts of interest or the appearance of any conflicts of interest in the conduct of the business affairs of EKPC (*Exhibit 4*).
- 2.14 Policy No. 404—EKPC Board of Directors Transaction Authority Limits for Energy and Energy Related Commodities and Transportation Policy providing authority matrices to delegate procurement approval levels for commodities and fuels (*Exhibit 5*).

- 2.15 Power Stations—Electric power generating plants owned and operated by EKPC: Dale, Cooper, Spurlock, and J. K. Smith. Dale, Cooper, and Spurlock Power Stations are coal-fired power plants, and J. K. Smith is a power plant compiled of seven combustion turbine (CT) generator units that are fueled by natural gas (primary) and No. 2 fuel oil (secondary). J. K. Smith also has two units that are natural gas only.
- 2.16 Purchase Order—Document binding seller to sell and ship designated product that is stating terms and conditions for oil deliveries to EKPC's power stations sent to a supplier for an acceptance signature after approval and before deliveries begin, which is typically a shorter term than a contract.
- 2.17 Rack-Plus Price—Either a branded or unbranded fuel oil price that is priced based on the specific rack location price plus a fixed adder that includes all applicable taxes, freight, fees, and profit margins. The adder is fixed throughout the term of the purchase, whereas the actual fuel price is the only variable except for a demurrage charge if applicable.
- 2.18 Requisition—Form completed by Power Plant Personnel following up a verbal request for No. 2 fuel oil deliveries applying to the then current contract(s) and/or purchase order(s) (*Exhibit 38*).
- 2.19 RFP—Request for proposal sent to prospective suppliers on EKPC's Fuel Oil Bidders List (*Exhibit 34*) to bid for No. 2 fuel oil.
- 2.20 Sealed Proposals—Proposals received through a written RFP process not viewed prior to proposal opening (can include electronic proposals).
- 2.21 Trading Authority Transaction Matrix—Delegation of procurement approval authority.
- 2.22 Unbranded Price—Price for No. 2 fuel oil product that is not brand specific.
- 2.23 W-9—Form required by the Internal Revenue Service for tax purposes to be completed by all suppliers stating business name, address, and federal tax identification number before payment is issued. (*Exhibit 13*)

### 3.0 Responsibilities

#### 3.1 Fuel and Emissions Manager

- 3.1.1 Manages and directs Fuel Buyers, Administrative Assistant, and Fuel Analyst in the Fuel and Emissions department and assures compliance with Policy No. 116 (*Exhibit 4*).
- 3.1.2 Ensures adequate fuel oil deliveries to EKPC's power stations.
- 3.1.3 Assures that Fuel and Emissions staff follow procedures as described herein and in the Fuel, Emissions, Limestone, and Lime Strategy (*Exhibit 1*) for the purchase and delivery of oil.
- 3.1.4 Signs approval memos for all purchase order changes, and executes short-term purchase orders in accordance with Policy No. 404 (*Exhibit 5*) and No. A031 (*Exhibit 2*).

#### 3.2 Power Plant Personnel

- 3.2.1 Maintain the fuel oil system at each of EKPC's power stations to ensure its availability to unload No. 2 fuel oil truck deliveries.
- 3.2.2 Advise the Fuel and Emissions department as a need arises for No. 2 fuel oil.
- 3.2.3 Collect and analyze No. 2 fuel oil sample during unloading as required, and stay with the truck during unloading to monitor in case of spills.
- 3.2.4 Log arrival and departure times of No. 2 fuel oil truck deliveries. Also, log any unusual occurrences while the truck is on site.

#### 3.3 Fuel Buyers

- 3.3.1 Monitor J. K. Smith Power Station's No. 2 fuel oil inventory.
  - 3.3.2 Issue and evaluate RFPs for No. 2 fuel oil for all power stations.
  - 3.3.3 Generate and execute appropriate contract(s) and/or purchase order(s).
  - 3.3.4 Contact appropriate supplier(s) for delivery of No. 2 fuel oil as requested by Power Plant Personnel if needed.
-

3.3.5 Evaluate and give direction of purchase from fixed or rack-plus agreement(s).

3.3.6 Manage appropriate contract(s) and/or purchase order(s) throughout the term of the order.

3.4 Administrative Assistant

3.4.1 Assists in managing the RFP process.

3.4.2 Contacts appropriate supplier(s) for delivery of No. 2 fuel oil as requested by Power Plant Personnel.

3.4.3 Receives and reviews pricing and invoices and contacts appropriate supplier(s) to clarify any discrepancies.

3.4.4 Verifies all documentation is received according to checklist (*Exhibit 14*) and files with appropriate contract(s) and/or purchase order (s).

3.4.5 Posts fully executed contract(s) and purchase order(s) to a shared location, and notifies EKPC's risk management service provider.

3.5 Legal Counsel

3.5.1 Provides representation at long-term purchase proposal openings.

3.5.2 Advises in the development of legal documentation.

3.5.3 Reviews and approves documents as to legal form.

3.6 Fuel Analyst

3.6.1 Manages receipt of electronic proposals through password projected e-mail account.

3.6.2 Manages the Trading Authority Transaction Matrix and suppliers' financial reviews.

3.6.3 Verifies rack pricing and validates total invoice price.

3.6.4 Compiles and forwards completed spreadsheet of purchases to Accounting.

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### 3.7 Central Lab Personnel

- 3.7.1 Sample No. 2 fuel oil tank at Spurlock Power Station semi-annually to ensure emissions compliance for Spurlock Power Station Unit No. 4.
- 3.7.2 Analyze No. 2 fuel oil drawn from the storage tank at J. K. Smith Station for sulfur, Btu, specific gravity, and temperature to ensure emissions compliance whenever any of the combustion turbines are operating on fuel oil.
- 3.7.3 Sample and analyze the No. 2 fuel oil tank at J. K. Smith Station semi-annually for quality stability.

### 3.8 Accounting

- 3.8.1 Verifies spreadsheet volume and dollars from Fuel Analyst against manual log sheet generated from verbal communication followed by bill of lading documentation from Power Plant Personnel and invoices.
- 3.8.2 Contacts responsible party to clarify any discrepancies in the invoices, receiving records, and/or lab analysis.
- 3.8.3 Logs receipt information into accounting computer system.
- 3.8.4 Approves payment and sends to treasury for disbursement.

## 4.0 Procedure

Replenish levels for No. 2 fuel oil are approximately 8,000—12,000 gallons at Dale Power Station; 15,000—20,000 gallons at Cooper Power Station; and 200,000—250,000 gallons at Spurlock Power Station. Dale and Cooper Power Stations both have underground tanks with 20,000-gallon and 30,000-gallon capacities, respectively. They are maintained at near capacity levels. Spurlock Power Station has one, usable 350,000 gallon capacity above-ground tank. All inventory levels are based in part on the plant's ability to deplete the fuel oil in large amounts from start-ups and multiple trips of units and may be adjusted accordingly.

J. K. Smith Power Station has a 4.5 million gallon above-ground tank. Replenishing No. 2 fuel oil inventory at J. K. Smith Power Station is based on market, delivery, and power station conditions. The No. 2 fuel oil level at J. K. Smith Power Station varies based on market conditions, oil turnover, etc., but is typically held at 2,250,000—2,925,000 gallons as backup to natural gas.

- 4.1 Issue RFP to obtain approved contract(s) and/or purchase order(s). The steps for issuing an RFP are as follows:
    - 4.1.1 Fuel Buyers determine term and quantity for No. 2 fuel oil of RFP based on historic and projected needs.
    - 4.1.2 Fuel Buyers create an RFP template (*Exhibit 34*) stating applicable delivery locations, term, quantity, and price options of fixed and/or rack plus.
    - 4.1.3 Fuel and Emissions Manager and Administrative Assistant review RFP template (*Exhibit 36*) before RFP is issued.
    - 4.1.4 Issue RFP for sealed proposals for No. 2 fuel oil to bidders on EKPC's Fuel Oil Bidders List (*Exhibit 34*).
  - 4.2 Open all sealed proposals on or after due date of RFP.
    - 4.2.1 Two Fuel and Emissions personnel must be present on proposal openings for purchase orders. A member of the Fuel Negotiating Committee, legal counsel, and two Fuel and Emissions personnel, or their designee(s), must be present on proposal openings for contracts. Receipt of proposals, both written and electronic, will be directly received and controlled by the Administrative Assistant and Fuel Analyst (respectively) prior to formal bid opening.
    - 4.2.2 Administrative Assistant logs proposals reviewed.
    - 4.2.3 Sign log of proposals by those present at opening.
    - 4.2.4 Determine if price negotiations are warranted and obtain approval to negotiate from the Fuel Negotiating Committee for contracts.
  - 4.3 Fuel Buyers evaluate valid opened No. 2 fuel oil proposals.
    - 4.3.1 Handle proposals that are received after the deadline on a case-by-case basis to determine their eligibility for evaluation. If legitimate information can be obtained to determine that the proposal was sent to be received before the deadline, a proposal that is received after the deadline may be considered; otherwise, proposals received after the deadline will not be considered.
    - 4.3.2 Rank opened proposals in order of lowest to highest cost for rack plus and/or fixed pricing.
-

- 4.3.3 Determine if lowest priced proposal(s) meets EKPC's requirements as specified in the corresponding RFP.
- 4.3.4 Evaluate supplier(s) performance capabilities as outlined in the Fuel, Emission, Limestone, and Lime Strategy (*Exhibit 1*).
- 4.3.5 Ensure that the necessary due diligence is done in evaluating the credit worthiness and financial stability of all potential suppliers for the Fuel and Emissions department before entering into any binding contracts. The financial evaluation for publically traded companies may be outsourced to a risk management service provider, which would have extensive experience and access to financial information for making a recommendation as to what extent EKPC should enter contractual commitments with reasonable financial risks. For privately held companies, this may also be performed internally by requesting the supplier's audited financial statement, ratios, and key performance indicators. This private information would then be provided to the Finance department for their review and recommendation. Outsourced financial reviews are subject to a secondary review where recommendation by the Finance department will be obtained and documented. Annual reviews, which include market price reopeners, will be shared with the Finance department for informational purposes.
- 4.3.6 Draft approval memorandum to management (*Exhibit 37*) recommending the most economic supplier(s) of No. 2 fuel oil meeting the corresponding RFP's specifications while balancing risk.
- 4.3.7 Upon issue, RFPs include a defined term, typically a shorter term for purchase orders and longer term for contracts. If management determines a different term type is more advantageous, based on identification of a change in EKPC's needs or suppliers' responses to the RFP, justification of the term change will be noted in the approval memorandum and approval obtained in accordance with Policy No. 404 (*Exhibit 5*) and No. AO31 (*Exhibit 2*) for the new term type.
- 4.3.8 Negotiation of contract language and terms can take approximately three to four months of negotiation with a supplier. If negotiations exceed six months, management will be updated in writing, and the circumstances regarding the lag time will be documented accordingly in the approval memorandum. In addition, multiple supply agreements may be executed from one

RFP response to fulfill projected needs, which will also be documented accordingly in the approval memorandum.

- 4.3.9 Management approves memorandum in accordance with Policy No. 404 (*Exhibit 5*) and No. AO31 (*Exhibit 2*).
- 4.4 Fuel Buyers prepare contract(s) and/or purchase order(s) for No. 2 fuel oil based on a standard template approved by legal counsel, with credit rating and insurance requirements reviewed by risk management.
  - 4.4.1 Contract(s) and purchase order(s) includes destination, quantity, price, acceptance parameters, and terms and conditions.
  - 4.4.2 Request Ownership Disclosure (*Exhibit 35*), W-9 (*Exhibit 13*), and Certificate of Insurance forms from selected supplier(s) if not already on file.
  - 4.4.3 Administrative Assistant forwards W-9 (*Exhibit 13*) to Accounting, and Fuel Buyers forward Certificate of Insurance to risk management for approval.
  - 4.4.4 Fuel Buyers send draft contract(s) and/or purchase order(s) to supplier(s) for review if requested.
  - 4.4.5 Request additional approval from the Fuel and Emissions Manager, legal counsel, and risk managements if changes are made to the standard No. 2 fuel oil purchase order template.
- 4.5 Fuel Buyers execute No. 2 fuel oil contract(s) and/or purchase order(s).
  - 4.5.1 Fuel Buyers obtain a sequential purchase order number from the fuel and emission's Oil Purchase Order Log Book after appropriate review and/or approval is given by the Fuel and Emissions Manager, legal counsel, and risk management for purchase orders only and obtain a number for contracts from Accounting.
  - 4.5.2 Administrative Assistant reviews contract(s) and/or purchase order(s) and circulates for signatures prior to distribution utilizing the Contract Approval and Review form (*Exhibit 39*) for contracts only.
  - 4.5.3 Administrative Assistant, at the direction of the Fuel Buyers, distributes the executed contract(s) and/or purchase order(s) internally. These documents are posted to a shared directory with EKPC's risk management service provider within five business

days after trade execution for capture in a risk management system in accordance with Policy No. 404 (*Exhibit 5*) and No. A031 (*Exhibit 2*). The Administrative Assistant promptly removes them from the shared directory.

- 4.5.4 Fuel Analyst logs approved contract(s) and/or purchase order(s) on Trading Authority Transaction Matrix and submits to risk management on a regular basis for informational purposes after reconciliation and Fuel and Emission Manager's approval.
- 4.5.5 Administrative Assistant files executed contract(s) and/or purchase order(s) in Fuel and Emissions' department files with documentation according to checklist (*Exhibit 14*). Original contract is stored at an offsite storage facility for disaster mitigation.
- 4.6 Fuel and Emissions personnel order No. 2 fuel oil from the then current contract(s) and/or purchase order(s) to replenish depleted power station supply based on Power Plant Personnel request(s).
  - 4.6.1 Receive request from Power Plant Personnel for a defined amount of No. 2 fuel oil, which is followed by a written requisition (*Exhibit 38*).
  - 4.6.2 Contact applicable supplier(s) for requested delivery amount of No. 2 fuel oil.
- 4.7 Power Plant Personnel receive delivery of No. 2 fuel oil.
  - 4.7.1 Log arrival and departure time of No. 2 fuel oil delivery.
  - 4.7.2 Perform adequate sampling on No. 2 fuel oil deliveries to ensure quality control as required for their respective power station.
  - 4.7.3 Monitor unloading of trucks to ensure no spills occur of the No. 2 fuel oil.
- 4.8 Central Lab Personnel analyze inventory samples on No. 2 fuel oil when collected at power station.
- 4.9 Fuel Analyst tracks and documents financial reviews.
  - 4.9.1 Documents due dates and execution of interim financial reviews, tracking them on a monthly/quarterly basis as needed.

4.9.2 Performs interim supplier financial reviews for contracts at least annually or more if deemed necessary under the oversight of the Fuel and Emissions Manager.

4.10 Verify receipt and invoice approval.

4.10.1 Administrative Assistant receives and verifies applicable pricing and invoices.

4.10.2 Administrative Assistant contacts appropriate supplier(s) to clarify any discrepancies with the invoice(s).

4.10.3 Administrative Assistant forwards pricing and invoices to Fuel Analyst for logging and also to Accounting.

4.10.4 Fuel Analyst logs invoices on spreadsheet and verifies pricing.

4.10.5 Fuel Analyst forwards completed spreadsheet to Accounting.

4.10.6 Fuel Analyst enters deliveries for each contract and purchase order on the Trading Authority Transaction Matrix and reconciles regularly with a tracking report from EKPC's risk management service provider. After reconciliation and Fuel and Emissions Manager's approval, Fuel Analyst submits matrix to risk management for informational purposes.

4.10.7 Accounting verifies spreadsheet volume and dollars from Fuel Analyst against manual log sheet generated from verbal communication and/or bill of lading documentation from Power Plant Personnel and invoices.

4.10.8 Accounting contacts responsible party to clarify any discrepancies in volume and pricing.

4.10.9 Accounting logs receipt information into accounting computer system.

4.10.10 Accounting receives Accounting supervisor approval on invoice and sends to accounts payable for payment.

## 5.0 Effective Date

- 5.1 All departments at EKPC shall be fully compliant with this procedure by January 31, 2015, and this procedure will be reviewed annually.

Concurred by:   
Craig Johnson  
Sr. Vice President, Power Production


Date: 12-19-14

Concurred by:   
Mike McNalley  
Chief Financial Officer & Executive VP

Date: 12-29-14

Concurred by:   
Don Mosier  
Chief Operations Officer

Date: 12-19-14

Approved by:   
David Crews  
Sr. Vice President, Power Supply

Date: 1/5/15

Amended: 02/19/01

Amended: 07/12/04

Amended: 02/01/05

Amended: 11/30/12

Amended: 12/18/13

Amended: 12/16/14

# EXHIBITS

**EAST KENTUCKY POWER COOPERATIVE, INC.  
FUEL AND EMISSIONS DEPARTMENT PROCUREMENT MANUAL  
LIST OF EXHIBITS**

	<u>Exhibit Number</u>
Fuel, Emissions, Limestone, and Lime Strategy	1
Policy No. AO31—Delegation of Authority from EKPC's CEO to...	2
Policy No. 106—Establishment of Board Committees and Respective Charters	3
Policy No. 116—Conflict of Interest	4
Policy No. 404—Transaction Authority Limits...	5
Policy No. 405—Hedging Policy	6
Coal Bidders List	7
Coal Proposal Form	8
Coal Specifications and Information	9
Fuel Cost Evaluation Variables	10
Fuel Evaluation System Manual	11
Supplier Scorecard	12
W-9 Form	13
Fuel Transaction Checklists	14
Coal RFP Template	15
Fuel Evaluation Data Entry Verification Form	16
Coal Approval Memorandum	17
Barge Drafting	18
Emission Allowance Confirmation	19
Emission Allowance Transaction Schedule	20
Emission Allowance Replacement Cost	21
Amortization Schedule	22
Acquisition Schedule	23
Lime & Limestone Bidders List	24
Lime & Limestone RFP Template	25
Lime & Limestone Approval Memo	26
Natural Gas Confirmation	27
Daily Natural Gas Update Report	28
Daily Price Report	29
Estimated Burn Profile	30
Trade Data Gas Form	31
OFO Notice	32
Start and Run Hours Schedule	33
Oil Bidders List	34
Ownership Disclosure	35

	<u>Exhibit Number</u>
Oil RFP Template	36
Oil Approval Memo	37
Oil Requisition	38
Contract Approval and Review Form	39
Future Exhibits	40-50

This list was originally adopted on February 27, 1981, and amended as follows.

Amended: 02/19/01  
Amended: 07/12/04  
Amended: 02/01/05  
Amended: 11/30/12  
Amended: 12/18/13  
Amended: 12/16/14

**EAST KENTUCKY POWER COOPERATIVE, INC.**

**PSC CASE NO. 2015-00233**

**FUEL ADJUSTMENT CLAUSE**

**RESPONSE TO INFORMATION REQUEST**

**COMMISSION STAFF'S INFORMATION REQUEST DATED 08/14/15**

**REQUEST 16**

**RESPONSIBLE PARTY: Mark Horn**

**Request 16.** a. State whether East Kentucky is aware of any violations of its policies and procedures regarding fuel procurement that occurred prior to or during the period from November 1, 2014 through April 30, 2015.

b. If yes, for each violation:

(1) Describe the violation;

(2) Describe the action(s) that East Kentucky took upon discovering the violation; and

(3) Identify the person(s) who committed the violation.

**Request 16a-b.** No, East Kentucky is not aware of any violations of its policies and procedures regarding fuel procurement.

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**EAST KENTUCKY POWER COOPERATIVE, INC.**

**PSC CASE NO. 2015-00233**

**FUEL ADJUSTMENT CLAUSE**

**RESPONSE TO INFORMATION REQUEST**

**COMMISSION STAFF'S INFORMATION REQUEST DATED 08/14/15**

**REQUEST 17**

**RESPONSIBLE PARTY: Mark Horn**

**Request 17.** Identify and explain the reasons for all changes in the organizational structure and personnel of the departments or divisions that are responsible for East Kentucky's fuel procurement activities that occurred during the period from November 1, 2014 through April 30, 2015.

**Response 17.** East Kentucky did not make any changes to its organizational structure relating to fuel procurement during the period from November 1, 2014, through April 30, 2015.

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**EAST KENTUCKY POWER COOPERATIVE, INC.**

**PSC CASE NO. 2015-00233**

**FUEL ADJUSTMENT CLAUSE**

**RESPONSE TO INFORMATION REQUEST**

**COMMISSION STAFF'S INFORMATION REQUEST DATED 08/14/15**

**REQUEST 18**

**RESPONSIBLE PARTY: Craig A. Johnson**

**Request 18a.** Identify all changes that East Kentucky has made during the period under review to its maintenance and operation practices that also affect fuel usage at East Kentucky's generation facilities.

**Response 18a.** East Kentucky made no changes to its maintenance and operation practices, which affect fuel usage at any of its generation facilities during the period under review.

**Request 18b.** Describe the impact of these changes on East Kentucky's fuel usage.

**Response 18b.** This is not applicable. Please see the response to Request 18a.

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**EAST KENTUCKY POWER COOPERATIVE, INC.**

**PSC CASE NO. 2015-00233**

**FUEL ADJUSTMENT CLAUSE**

**RESPONSE TO INFORMATION REQUEST**

**COMMISSION STAFF'S INFORMATION REQUEST DATED 08/14/15**

**REQUEST 19**

**RESPONSIBLE PARTY: Mark Horn**

**Request 19.** List each written coal supply solicitation issued during the period from November 1, 2014 through April 30, 2015.

a. For each solicitation, provide the date of the solicitation, the type of solicitation (contract or spot), the quantities solicited, a general description of the quality of coal solicited, the time period over which deliveries were requested, and the generating unit(s) for which the coal was intended.

b. For each solicitation, state the number of vendors to whom the solicitation was sent, the number of vendors who responded, and the selected vendor. Provide the bid tabulation sheet or corresponding document that ranked the proposals. (This document should identify all vendors who made offers.) State the reasons for each selection. For each lowest-cost bid not selected, explain why the bid was not selected.

**Response 19a-b.** Please see pages 2 through 7 of this response.

Confidential protection of the bid tabulation sheets or corresponding documents that ranked the proposals has been requested in the form of a motion for confidential treatment.

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EAST KENTUCKY POWER COOPERATIVE, INC.  
PSC FUEL ADJUSTMENT CLAUSE CASE NO. 2015-00233  
RESPONSE TO PSC ORDER DATED 08/14/15

Unit	Date	Contract/Spot	Quantity (Tons)	Quality	Time Period	Number of Vendors Sent	Number of Vendors Respond	Tabulation Sheet
Gilbert & Spurlock 4	04/15/15	Contract	480,000	10# SO <sub>2</sub> /MMBtu <12% Ash >11,500 Btu	01/01/16—12/31/17	85	19	Pages 3-7

# FUEL EVALUATION FOR SPURLOCK UNIT NOS. 3 & 4

## 2015 SPOT PURCHASE

Date: 07/20/2015  
Event Nbr: 251  
Bid End Date: 05/15/2015

Quality Btu % Sulfur					Delivery Cost		Evaluated Cost		Reason for Recommendation
Coal Supplier	Number	% Ash	Tons	Term	\$ Ton	\$ MMBtu	\$ Ton	\$ MMBtu	
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]			[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]			[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]			[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]			[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]			[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]			[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]			[REDACTED]	[REDACTED]	

Delivery cost considers the impact of the \$2/ton Kentucky clean coal tax credit.



# FUEL EVALUATION FOR SPURLOCK UNIT NOS. 3 & 4

## 2015 SPOT PURCHASE

Date: 07/20/2015  
Event Nbr: 251  
Bid End Date: 05/15/2015

Quality Btu % Sulfur					Delivery Cost		Evaluated Cost		Reason for Recommendation
Coal Supplier	Number	% Ash	Tons	Term	\$ Ton	\$ MMBtu	\$ Ton	\$ MMBtu	
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]			[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]			[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]			[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]			[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]			[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]			[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]			[REDACTED]	[REDACTED]	

Delivery cost considers the impact of the \$2/ton Kentucky clean coal tax credit.



# FUEL EVALUATION FOR SPURLOCK UNIT NOS. 3 & 4

## 2015 SPOT PURCHASE

Date: 07/20/2015  
Event Nbr: 251  
Bid End Date: 05/15/2015

Quality Btu					<u>Delivery Cost</u>		<u>Evaluated Cost</u>		Reason for Recommendation
Coal Supplier	Number	% Sulfur	Tons	Term	\$	\$	\$	\$	
		% Ash			Ton	MMBtu	Ton	MMBtu	
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]			[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]			[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]			[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]			[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]			[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]			[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]			[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]			[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]			[REDACTED]	[REDACTED]	

Delivery cost considers the impact of the \$2/ton Kentucky clean coal tax credit.



# FUEL EVALUATION FOR SPURLOCK UNIT NOS. 3 & 4

## 2015 SPOT PURCHASE

Date: 07/20/2015  
Event Nbr: 251  
Bid End Date: 05/15/2015

Quality Btu					Delivery Cost		Evaluated Cost		Reason for Recommendation
Coal Supplier	Number	% Sulfur	Tons	Term	\$	\$	\$	\$	
		% Ash			Ton	MMBtu	Ton	MMBtu	
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]			[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]			[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]			[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]			[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]			[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]			[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]			[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]			[REDACTED]	[REDACTED]	

Delivery cost considers the impact of the \$2/ton Kentucky clean coal tax credit.



# FUEL EVALUATION FOR SPURLOCK UNIT NOS. 3 & 4

## 2015 SPOT PURCHASE

Date: 07/20/2015  
Event Nbr: 251  
Bid End Date: 05/15/2015

Quality Btu					Delivery Cost		Evaluated Cost		Reason for Recommendation
Coal Supplier	Number	% Sulfur	Tons	Term	\$	\$	\$	\$	
		% Ash			Ton	MMBtu	Ton	MMBtu	
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]			[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]			[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]			[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]			[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]			[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]			[REDACTED]	[REDACTED]	

Delivery cost considers the impact of the \$2/ton Kentucky clean coal tax credit.



**EAST KENTUCKY POWER COOPERATIVE, INC.**

**PSC CASE NO. 2015-00233**

**FUEL ADJUSTMENT CLAUSE**

**RESPONSE TO INFORMATION REQUEST**

**COMMISSION STAFF'S INFORMATION REQUEST DATED 08/14/15**

**REQUEST 20**

**RESPONSIBLE PARTY: Mark Horn**

**Request 20.** List each oral coal supply solicitation issued during the period from November 1, 2014 through April 30, 2015.

a. For each solicitation, state why the solicitation was not written, the date(s) of the solicitation, the quantities solicited, a general description of the quality of coal solicited, the time period over which deliveries were requested, and the generating unit(s) for which the coal was intended.

b. For each solicitation, identify all vendors solicited and the vendor selected. Provide the tabulation sheet or other document that ranks the proposals. (This document should identify all vendors who made offers.) State the reasons for each selection. For each lowest-cost bid not selected, explain why the bid was not selected.

**Response 20a-b.** Please see pages 2 through 5 of this response.

Confidential protection of the bid tabulation sheets or corresponding documents that ranked the proposals has been requested in the form of a motion for confidential treatment.

**EAST KENTUCKY POWER COOPERATIVE, INC.**  
**PSC FUEL ADJUSTMENT CLAUSE CASE NO. 2015-00233**

**RESPONSE TO PSC ORDER DATED 08/14/15**

<b>Unit</b>	<b>Date</b>	<b>Reason</b>	<b>Quantity (Tons)</b>	<b>Quality</b>	<b>Time Period</b>	<b>Number of Vendors Contacted</b>	<b>Tabulation Sheet</b>
Cooper	11/17/14	Immediate Response Required	100,000	6.0# SO <sub>2</sub> /MMBtu <12% Ash >11,500 Btu	11/17/14—02/28/15	17	Pages 3-5
Dale	02/23/15	Immediate Response Required	3,000	1.8# SO <sub>2</sub> /MMBtu <12% Ash >11,500 Btu	02/23/15—02/28/15	1	Emergency Purchase—No Tabulation

# FUEL EVALUATION FOR COOPER POWER STATION

## SPOT PURCHASE

Date: 11/12/2014  
Event Nbr: 248  
Bid End Date: 11/10/2014

Quality Btu					Delivery Cost		Evaluated Cost		Reason for Recommendation
Coal Supplier	Number	% Sulfur	Tons	Term	\$	\$	\$	\$	
		% Ash			Ton	MMBtu	Ton	MMBtu	
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

**FUEL EVALUATION FOR COOPER POWER STATION**

**SPOT PURCHASE**

Date:	11/12/2014
Event Nbr:	248
Bid End Date:	11/10/2014

Quality Btu					Delivery Cost		Evaluated Cost		Reason for Recommendation
Coal Supplier	Number	% Sulfur	Tons	Term	\$	\$	\$	\$	
		% Ash			Ton	MMBtu	Ton	MMBtu	
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]			[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]			[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]			[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]						[REDACTED]		
[REDACTED]	[REDACTED]						[REDACTED]		
[REDACTED]	[REDACTED]						[REDACTED]		
[REDACTED]	[REDACTED]						[REDACTED]		
[REDACTED]	[REDACTED]						[REDACTED]		

**FUEL EVALUATION FOR COOPER POWER STATION**

**SPOT PURCHASE**

Date:	11/12/2014
Event Nbr:	248
Bid End Date:	11/10/2014

Quality Btu				Delivery Cost		Evaluated Cost		Reason for Recommendation	
Coal Supplier	Number	% Sulfur	Tons	Term	\$	\$	\$		\$
		% Ash			Ton	MMBtu	Ton		MMBtu
<div>██████████</div>	<div>██████████</div>						<div>██████████</div>		

**EAST KENTUCKY POWER COOPERATIVE, INC.**

**PSC CASE NO. 2015-00233**

**FUEL ADJUSTMENT CLAUSE**

**RESPONSE TO INFORMATION REQUEST**

**COMMISSION STAFF'S INFORMATION REQUEST DATED 08/14/15**

**REQUEST 21**

**RESPONSIBLE PARTY: Julia J. Tucker**

**Request 21.** a. List all intersystem sales during the period under review in which East Kentucky used a third party's transmission system.

b. For each sale listed above:

(1) Describe the effect on the FAC calculation of line losses related to intersystem sales when using third party's transmission system; and

(2) State the line loss factor used for each transaction and describe how that line loss factor was determined.

**Response 21.** a. None

b. (1) Not applicable.

(2) Not applicable.

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**EAST KENTUCKY POWER COOPERATIVE, INC.**

**PSC CASE NO. 2015-00233**

**FUEL ADJUSTMENT CLAUSE**

**RESPONSE TO INFORMATION REQUEST**

**COMMISSION STAFF'S INFORMATION REQUEST DATED 08/14/15**

**REQUEST 22**

**RESPONSIBLE PARTY:            Julia J. Tucker**

**Request 22.**            a.        Describe the effect on the FAC calculation of line losses related to intersystem sales when not using a third party's transmission system.

                              b.        Describe each change that East Kentucky made to its methodology for calculating intersystem sales line losses during the period under review.

**Response 22.**            East Kentucky did not make any changes to its methodology for calculating sales line losses during the period under review.

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**EAST KENTUCKY POWER COOPERATIVE, INC.**

**PSC CASE NO. 2015-00233**

**FUEL ADJUSTMENT CLAUSE**

**RESPONSE TO INFORMATION REQUEST**

**COMMISSION STAFF'S INFORMATION REQUEST DATED 08/14/15  
REQUEST 23**

**RESPONSIBLE PARTY: Mark Horn**

**Request 23.** State whether, during the period under review, East Kentucky has solicited bids for coal with the restriction that it was not mined through strip mining or mountaintop removal. If yes, explain the reasons for the restriction on the solicitation, the quantity in tons and price per ton of the coal purchased as a result of this solicitation, and the difference between the price of this coal and the price it could have obtained for the coal if the solicitation had not been restricted.

**Response 23.** East Kentucky did not solicit bids for coal with the restriction that it was not mined through strip mining or mountain top removal.

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**EAST KENTUCKY POWER COOPERATIVE, INC.**

**PSC CASE NO. 2015-00233**

**FUEL ADJUSTMENT CLAUSE**

**RESPONSE TO INFORMATION REQUEST**

**COMMISSION STAFF'S INFORMATION REQUEST DATED 08/14/15**

**REQUEST 24**

**RESPONSIBLE PARTY: Craig A. Johnson**

**Request 24.** Provide a detailed discussion of any specific generation efficiency improvements East Kentucky has undertaken during the period under review.

**Response 24.** EKPC did not make any specific generation efficiency improvements during the period from November 1, 2014 to April 30, 2015.

**EAST KENTUCKY POWER COOPERATIVE, INC.**

**PSC CASE NO. 2015-00233**

**FUEL ADJUSTMENT CLAUSE**

**RESPONSE TO INFORMATION REQUEST**

**COMMISSION STAFF'S INFORMATION REQUEST DATED 08/14/15**

**REQUEST 25**

**RESPONSIBLE PARTY: Mark Horn**

**Request 25.** State whether all long-term fuel transportation contracts have been filed with the Commission. If any contracts have not been filed, provide a copy.

**Response 25.** All long-term fuel contracts related to commodity and/or transportation have been filed with the Commission.

---

**EAST KENTUCKY POWER COOPERATIVE, INC.**

**PSC CASE NO. 2015-00233**

**FUEL ADJUSTMENT CLAUSE**

**RESPONSE TO INFORMATION REQUEST**

**COMMISSION STAFF'S INFORMATION REQUEST DATED 08/14/15**

**REQUEST 26**

**RESPONSIBLE PARTY: Michelle Carpenter**

**Request 26.** By month, for the period November 1, 2014, through April 30, 2015, provide the amount of power purchases in excess of East Kentucky's highest-cost generating unit available to be dispatched to serve native load during the reporting expense month that was included in East Kentucky's FAC calculation.

**Response 26.** As previously outlined in Case No. 2014-00226, East Kentucky Power Cooperative, Inc. (EKPC) held the position that the highest-cost generating unit available to serve native load was no longer only its self-owned generation, but is instead, the highest cost generation that was sold in the PJM RPM auction. Given that PJM dispatches all of its resources in an economic manner based upon reliability and load requirements, EKPC determined it would be making economy purchases at all times. This methodology was used in the FAC calculation for the year ended December 31, 2014. However, effective with the January 2015 FAC filing, EKPC revised its FAC calculation to exclude all purchases above its own highest cost generating units available

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to serve native load to comply with the Commission's Order issued on January 30, 2015.

The summary below shows that purchases in excess of EKPC's highest cost unit included in the FAC calculation were \$270,483 for the period under review.

		<b>Purchases Included in FAC</b>	<b>Purchases Using Highest Cost Unit Methodology</b>	<b>Purchases in Excess of Highest Cost Unit Methodology</b>
November	2014	\$ 13,615,645	\$ 13,391,292	\$ 224,353
December	2014	10,463,987	10,417,857	46,130
January	2015	17,467,542	17,467,542	0
February	2015	10,700,179	10,700,179	0
March	2015	15,875,575	15,875,575	0
April	2015	8,216,664	8,216,664	0
		<u>\$ 76,339,592</u>	<u>\$ 76,069,109</u>	<u>\$ 270,483</u>

**EAST KENTUCKY POWER COOPERATIVE, INC.**

**PSC CASE NO. 2015-00233**

**FUEL ADJUSTMENT CLAUSE**

**RESPONSE TO INFORMATION REQUEST**

**COMMISSION STAFF'S INFORMATION REQUEST DATED 08/14/15**

**REQUEST 27**

**RESPONSIBLE PARTY: Michelle Carpenter**

**Request 27.** By month and by code, for the period November 1, 2014, through April 30, 2015, provide the amounts included in the FAC calculation for PJM Interconnection, Inc. ("PJM") billing codes 1245 and 2245.

**Response 27.** PJM billing codes 1245 and 2245 had no activity during the six month review period.

**EAST KENTUCKY POWER COOPERATIVE, INC.**

**PSC CASE NO. 2015-00233**

**FUEL ADJUSTMENT CLAUSE**

**RESPONSE TO INFORMATION REQUEST**

**COMMISSION STAFF'S INFORMATION REQUEST DATED 08/14/15**

**REQUEST 28**

**RESPONSIBLE PARTY: Michelle Carpenter**

**Request 28.** By month and by code, for the period November 1, 2014, through April 30, 2015, provide the effect it would have had on the FAC calculation if East Kentucky had included PJM billing codes 1370 and 2370.

**Response 28.** See the chart below for the effect of the inclusion of PJM billing codes 1370 and 2370 on the FAC for the months under review. However, it should be noted that the Commission previously authorized recovery of PJM billing codes 1370 and 2370 for November 2014 and December 2014 as part of the order issued on Case No. 2014-00451.

**PSC Request 28**

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	<b>Original Factor As Filed</b>	<b>Revised Factor with PJM Codes 1370/2370</b>	<b>Original FAC Revenue</b>	<b>Revised FAC Revenue</b>	<b>Difference</b>
NOVEMBER 2014	(0.00080)	(0.00071)	\$ (907,854)	\$ (805,720)	\$ 102,134
DECEMBER 2014	(0.00331)	(0.00323)	(3,961,011)	(3,865,276)	95,735
JANUARY 2015	(0.00298)	(0.00277)	(4,065,221)	(3,778,745)	286,476
FEBRUARY 2015	(0.00406)	(0.00365)	(5,461,914)	(4,910,341)	551,573
MARCH 2015	(0.00553)	(0.00544)	(6,040,778)	(5,942,466)	98,312
APRIL 2015	(0.00732)	(0.00727)	<u>(6,075,265)</u>	<u>(6,025,536)</u>	<u>49,729</u>
			\$ <u>(26,512,043)</u>	\$ <u>(25,328,084)</u>	\$ <u>1,183,959</u>