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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>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, 2015</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.











**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.

| <u>Supplier</u>                    | <u>Spot/Contract</u> | <u>Order Number</u>  | <u>Quantity (Tons)</u> |
|------------------------------------|----------------------|----------------------|------------------------|
| <b><u>Dale</u></b>                 |                      |                      |                        |
| <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         | 000000504            | 25,194.00              |
| WILLIAMSON ENERGY, LLC      | L T Contract         | 000000506            | 19,550.00              |
| WILLIAMSON ENERGY, LLC      | L T Contract         | 000000506            | 6,424.00               |
| WHITE COUNTY COAL, LLC      | L T Contract         | 000000508            | 22,216.00              |
| ARMSTRONG COAL COMPANY, INC | L T Contract         | 000000520            | 28,822.00              |
| PEABODY COALSALES, LLC      | L T Contract         | 000000526            | 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         | 000000504            | 20,612.00              |
| WILLIAMSON ENERGY, LLC      | L T Contract         | 000000506            | 4,865.00               |
| WHITE COUNTY COAL, LLC      | L T Contract         | 000000508            | 31,767.00              |
| PEABODY COALSALES, LLC      | L T Contract         | 000000526            | 31,206.00              |
| WHITE OAK RESOURCES, LLC    | L T Contract         | 000000528            | 12,661.00              |
| RIVER VIEW COAL, LLC        | L T Contract         | 000000530            | 15,921.00              |
| FORESIGHT COAL SALES, LLC   | L T Contract         | 000000532            | 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         | 000000800            | 43,919.00              |
| PEABODY COALSALES, LLC      | L T Contract         | 000000822            | 39,605.00              |
| B & N COAL, INC             | L T Contract         | 000000824            | 24,274.00              |
| B & N COAL, INC             | L T Contract         | 000000826            | 6,552.00               |
| FORESIGHT COAL SALES, LLC   | L T Contract         | 000000828            | 6,486.00               |
| FORESIGHT COAL SALES, LLC   | L T Contract         | 000000828            | 6,408.00               |
|                             |                      | <b>December 2014</b> | <b>127,244.00</b>      |
| <b><u>January 2015</u></b>  |                      |                      |                        |
| OXFORD MINING COMPANY       | L T Contract         | 000000800            | 40,817.00              |
| B & N COAL, INC             | L T Contract         | 000000824            | 8,116.00               |
| B & N COAL, INC             | L T Contract         | 000000826            | 22,748.00              |
| FORESIGHT COAL SALES, LLC   | L T Contract         | 000000828            | 3,154.00               |
| FORESIGHT COAL SALES, LLC   | L T Contract         | 000000828            | 19,398.00              |
| B & N COAL, INC             | L T Contract         | 000000830            | 1,615.00               |
|                             |                      | <b>January 2015</b>  | <b>95,848.00</b>       |
| <b><u>February 2015</u></b> |                      |                      |                        |
| OXFORD MINING COMPANY       | L T Contract         | 000000800            | 20,544.00              |
| B & N COAL, INC             | L T Contract         | 000000824            | 19,482.00              |
| B & N COAL, INC             | L T Contract         | 000000826            | 9,695.00               |
| FORESIGHT COAL SALES, LLC   | L T Contract         | 000000828            | 14,636.00              |
| B & N COAL, INC             | L T Contract         | 000000830            | 8,087.00               |
|                             |                      | <b>February 2015</b> | <b>72,444.00</b>       |
| <b><u>March 2015</u></b>    |                      |                      |                        |
| OXFORD MINING COMPANY       | L T Contract         | 000000800            | 27,142.00              |
| B & N COAL, INC             | L T Contract         | 000000824            | 9,811.00               |
| B & N COAL, INC             | L T Contract         | 000000826            | 1,583.00               |
| FORESIGHT COAL SALES, LLC   | L T Contract         | 000000828            | 12,966.00              |
| FORESIGHT COAL SALES, LLC   | L T Contract         | 000000828            | 22,529.00              |
| B & N COAL, INC             | L T Contract         | 000000830            | 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         | 000000800           | 16,954.00              |
| B & N COAL, INC                  | L T Contract         | 000000824           | 16,497.00              |
| B & N COAL, INC                  | L T Contract         | 000000826           | 14,701.00              |
| FORESIGHT COAL SALES, LLC        | L T Contract         | 000000828           | 14,651.00              |
| FORESIGHT COAL SALES, LLC        | L T Contract         | 000000828           | 1,647.00               |
| B & N COAL, INC                  | L T Contract         | 000000830           | 9,717.00               |
|                                  |                      | <b>April 2015</b>   | <hr/> <b>74,167.00</b> |
| <u>TOTAL PERCENTAGE SPOT</u>     | <b>34%</b>           |                     |                        |
| <u>TOTAL PERCENTAGE CONTRACT</u> | <b>66%</b>           |                     |                        |

## 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.

| <u>Vendor</u>  | <u>Quantity (MMBtu)</u> | <u>Type of Purchase</u> |
|----------------|-------------------------|-------------------------|
| 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.

PSC FUEL ADJUSTMENT CLAUSE CASE NO. 2015-00233

RESPONSE TO PSC ORDER DATED 08/14/15

| Station                                     | November       | December       | January        | February       | March          | April          |
|---|----------------|----------------|----------------|----------------|----------------|----------------|
| <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**

2014

November

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

EAST KENTUCKY POWER COOPERATIVE  
Wholesale Power Accounting  
Direct Load

| 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       |
| <b>Totals:</b>      | 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<br>Mills/KWH | Fuel Charge | Fuel<br>Mills/KWH | Surcharge   | Surcharge<br>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.

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

2014

December

| CO-OP Name/EKPC   |       | KW         | KWH            | Base<br>Mills/KWH | Fuel Charge | Fuel<br>Mills/KWH | Surcharge   | Surcharge<br>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**

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   |
| <b>EKPC Subtotals</b> | Month | 337,700   | 0.02375    | 8,021   |
|                       | YTD   | 4,287,900 |            | 101,854 |
| <b>Totals</b>         | 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 |
|-----------------------------------|-------|----|-------------------|------------|----------------------|---------------|
| <b>BIG SANDY RECC</b>             |       |    |                   |            |                      |               |
|                                   | Month | 0  | 0                 | -1,374     | -233                 | -1,607        |
|                                   | YTD   | 0  | 0                 | -16,391    | -2,173               | -18,564       |
| <b>BLUE GRASS ENERGY</b>          |       |    |                   |            |                      |               |
|                                   | Month | 0  | 0                 | -17,592    | -2,982               | -20,574       |
|                                   | YTD   | 0  | 0                 | -211,666   | -28,033              | -239,699      |
| <b>CLARK ENERGY COOP</b>          |       |    |                   |            |                      |               |
|                                   | Month | 0  | 0                 | -1,361     | -231                 | -1,592        |
|                                   | YTD   | 0  | 0                 | -15,858    | -2,107               | -17,963       |
| <b>CUMBERLAND VALLEY ELECTRIC</b> |       |    |                   |            |                      |               |
|                                   | Month | 0  | 0                 | -2,320     | -393                 | -2,713        |
|                                   | YTD   | 0  | 0                 | -27,398    | -3,632               | -31,030       |
| <b>FARMERS RECC</b>               |       |    |                   |            |                      |               |
|                                   | Month | 0  | 0                 | -4,891     | -829                 | -5,720        |
|                                   | YTD   | 0  | 0                 | -60,284    | -8,018               | -68,302       |
| <b>FLEMING MASON RECC</b>         |       |    |                   |            |                      |               |
|                                   | Month | 0  | 0                 | -222       | -38                  | -260          |
|                                   | YTD   | 0  | 0                 | -699       | -105                 | -804          |
| <b>GRAYSON RECC</b>               |       |    |                   |            |                      |               |
|                                   | Month | 0  | 0                 | -1,926     | -326                 | -2,252        |
|                                   | YTD   | 0  | 0                 | -21,599    | -2,886               | -24,485       |
| <b>INTER-COUNTY ECC</b>           |       |    |                   |            |                      |               |
|                                   | Month | 0  | 0                 | -5,447     | -923                 | -6,370        |
|                                   | YTD   | 0  | 0                 | -63,142    | -8,393               | -71,535       |
| <b>JACKSON ENERGY COOP</b>        |       |    |                   |            |                      |               |
|                                   | Month | 0  | 0                 | -1,618     | -274                 | -1,892        |
|                                   | YTD   | 0  | 0                 | -19,906    | -2,633               | -22,539       |
| <b>LICKING VALLEY RECC</b>        |       |    |                   |            |                      |               |
|                                   | 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                 | -5,358     | -705                 | -6,061        |
|                     | Month | 0  | 0                 | -77,769    | -13,182              | -90,951       |
| <b>Totals:</b>      | 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**

2015

January

| CO-OP Name/EKPC            |       | KW        | KWH           | Base<br>Mills/KWH | Fuel Charge | Fuel<br>Mills/KWH | Surcharge  | Surcharge<br>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.**  
**Wholesale Power Accounting**  
**CO-OP Totals Billing Summary - CP Tariff**

2015

January

| CO-OP Name/EKPC       |       | KW        | KWH           | Base<br>Mills/KWH | Fuel Charge | Fuel<br>Mills/KWH | Surcharge  | Surcharge<br>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       |
| <b>Totals:</b>      | 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<br>Mills/KWH | Fuel Charge | Fuel<br>Mills/KWH | Surcharge  | Surcharge<br>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<br>Mills/KWH | Fuel Charge | Fuel<br>Mills/KWH | Surcharge  | Surcharge<br>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       |
| <b>Totals:</b>      | YTD   | 0  | 0                 | -155,004   | -21,352              | -176,356      |

EAST KENTUCKY POWER COOPERATIVE INC.  
 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**

**2015**

**March**

| CO-OP Name/EKPC       |       | KW        | KWH           | Base<br>Mills/KWH | Fuel Charge | Fuel<br>Mills/KWH | Surcharge  | Surcharge<br>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

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

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

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

2015

April

| CO-OP Name/EKPC            |       | KW         | KWH           | Base<br>Mills/KWH | Fuel Charge | Fuel<br>Mills/KWH | Surcharge  | Surcharge<br>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.**  
**Wholesale Power Accounting**  
**CO-OP Totals Billing Summary - CP Tariff**

**2015**

April

| CO-OP Name/EKPC       |       | KW         | KWH           | Base<br>Mills/KWH | Fuel Charge | Fuel<br>Mills/KWH | Surcharge  | Surcharge<br>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   |
| <b>Totals</b>         | 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      |
| <b>EKPC Subtotals</b> | 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     |
| <b>Totals</b>         | 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

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



Company EAST KENTUCKY POWER COOPERATIVE, INC.  
POWER TRANSACTION SCHEDULE

Month Ended NOVEMBER 2014

| <u>Company Sales</u> | <u>Type of Transaction</u> | <u>KW</u>     | <u>KWH</u>       | <u>Billing Components</u> |                          |                              | <u>Total Charges (\$)</u> |
|----------------------|----------------------------|---------------|------------------|---------------------------|--------------------------|------------------------------|---------------------------|
|                      |                            |               |                  | <u>Demand (\$)</u>        | <u>Fuel Charges (\$)</u> | <u>Margin(+) or Loss (-)</u> |                           |
| PJM<br>PJM           | Non-Displacement Capacity  | 13,272        | 2,535,000        | 275,550                   | 83,156<br>-              | 418<br>275,550               | 83,574                    |
| <b>TOTAL</b>         |                            | <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>   | <u>KW</u>     | <u>KWH</u>       | <u>Demand (\$)</u> | <u>Billing Components</u> |                              | <u>Total Charges (\$)</u> |
|----------------------|------------------------------|---------------|------------------|--------------------|---------------------------|------------------------------|---------------------------|
|                      |                              |               |                  |                    | <u>Fuel Charges (\$)</u>  | <u>Margin(+) or Loss (-)</u> |                           |
| PJM<br>PJM           | Non-Displacement<br>Capacity | 14,352        | 9,281,000        | 284,735            | 349,556<br>-              | (25,328)<br>284,735          | 324,228                   |
| 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><br><u>Sales</u> | <u>Type of Transaction</u> | <u>Capacity</u> | <u>KWH</u>       | <u>Demand (\$)</u> | <u>Fuel Charges (\$)</u> | <u>Margin(+) or</u><br><u>Loss (-)</u> | <u>Total Charges (\$)</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<br>PJM           | Non-Displacement Capacity  | 12,963          | 39,223,000        | 257,180            | 1,482,072<br>-           | 3,085,100<br>257,180         | 4,567,172<br>-            |
| 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>Billing Components</u> |                       |                          |                              | <u>Total Charges (\$)</u> |
|----------------------|----------------------------|----------------------|---------------------------|-----------------------|--------------------------|------------------------------|---------------------------|
|                      |                            |                      | <u>KWH</u>                | <u>Demand (\$)</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                      | -                         |
| <b>TOTAL</b>         |                            | <b><u>11,435</u></b> | <b><u>30,596,680</u></b>  | <b><u>284,735</u></b> | <b><u>1,009,321</u></b>  | <b><u>492,348</u></b>        | <b><u>1,216,934</u></b>   |



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<br>PJM           | Non-Displacement<br>Capacity | 13,272          | 6,936,000        | 275,550            | 247,904                  | (14,777)<br>275,550          | 233,127<br>-              |
| 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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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. |



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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.<br>SWITCHYARD CIRCUIT BREAKERS – EXTERNAL (OMC). |
| 03/03/2015 | 1930        | 0.0          |                     | Failed Start | 7      | 28      |   |



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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



East Kentucky Power

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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).     |

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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.                                   |



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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.             |

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East Kentucky Power

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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       |   |



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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. |

Production Management Reporting System



East Kentucky Power

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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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East Kentucky Power

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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.<br>PLANNED OUTAGE - STATIC FREQUENCY<br>CONVERTOR FAILURE/UPGRADE AND A-<br>INSPECTION. |
| 04/19/2015 | 0100        | 0.0          | Scheduled           | Maintenance | 287    | 0       |  |

*Production Management Reporting System*



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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. |

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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.                                    |

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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. |

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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.                            |

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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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Unit 001

| 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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Unit 002

| 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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**Unit 003**

| 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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Unit 003

| 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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**Laurel Ridge 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 | 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.                      |

**Production Management Reporting System**



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**Laurel Ridge Landfill**

**Unit 001**

| 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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**Laurel Ridge Landfill**

**Unit 002**

| 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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**Unit 002**

| Date       | Time Off/On | Available MW | Forced or Scheduled | Status      | Actual |         | Cause or Reason  |
|------------|-------------|--------------|---------------------|-------------|--------|---------|--|
|            |             |              |                     |             | 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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**Unit 003**

| 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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**Unit 003**

| Date       | Time Off/On | Available MW | Forced or Scheduled | Status      | Actual |         | Cause or Reason  |
|------------|-------------|--------------|---------------------|-------------|--------|---------|--|
|            |             |              |                     |             | 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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**Unit 004**

| Date       | Time Off/On | Available MW | Forced or Scheduled | Status      | Actual |         | Cause or Reason  |
|------------|-------------|--------------|---------------------|-------------|--------|---------|--|
|            |             |              |                     |             | 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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**Unit 004**

| 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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| 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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| 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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|------------|-------------|--------------|---------------------|-------------|--------|---------|--|
|            |             |              |                     |             | 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.                          |

**Production Management Reporting System**



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**Bavarian Landfill**

**Unit 002**

| 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.            |

**Production Management Reporting System**



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**Bavarian Landfill**

**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.                         |

**Production Management Reporting System**



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**Unit 003**

| 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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Unit 003

| 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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**Unit 004**

| 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 DUE TO FLARE SHUTDOWN. |
| 03/07/2015 | 0123        | 0.0          | Forced              | Maintenance | 0      | 18      | ENGINE MAINTENANCE - INSPECT NO. 7 VALVE ADJUSTMENT.                             |
| 03/07/2015 | 0858        | 0.0          | Forced              | Maintenance | 1      | 4       | ENGINE SHUTDOWN DUE TO DETONATION.   |
| 03/07/2015 | 1025        | 0.0          | Forced              | Maintenance | 0      | 51      | ENGINE SHUTDOWN DUE TO DETONATION.   |

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**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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**Hardin Co. Landfill**

**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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**Hardin Co. Landfill**

**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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| 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

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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

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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

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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

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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.   |



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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.

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

| (a)<br>Supplier  | (b)<br>Production Facility            | (c)<br>Contract Date | (d)<br>Duration of Contract | (e)<br>Revisions or Amendments | (f)<br>Annual Tonnage Required Through 07/15 | (g)<br>Actual Annual Tonnage Rec'd Since Inception of Contract Through 07/15 | (h)<br>% of Annual Requirements Received | (i)<br>Base Price \$/Ton | (j)<br>Total Amt. of Price Escalations to Date | (k)<br>Current Price Paid for Coal (i&j) |
|--|---------------------------------------|----------------------|-----------------------------|--------------------------------|--|--|--|--------------------------|--|--|
| <b>Long Term:</b>  |                                       |                      |                             |                                |  |  |  |                          |  |  |
| <u>Dale Station</u>  |                                       |                      |                             |                                |  |  |  |                          |  |  |
| <u>Cooper Station</u>  |                                       |                      |                             |                                |  |  |  |                          |  |  |
| B & W Resources, Inc.<br>849 S. Highway 11<br>Manchester, KY 40962<br>(Contract No. 236)                                     | B & W Resources<br>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<br>11 <sup>th</sup> Floor #1100<br>6100 Dutchmans Lane<br>Louisville, KY 40205<br>(Contract No. 243) | Bowie Refined Coal<br>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><br>Oxford Mining Co.<br>544 Chestnut Street<br>P. O. Box 427<br>Coshocton, OH 43812<br>(Gilbert Contract 800) | Daron-Ligget<br>Harrison, OH<br>Barnesville<br>Belmont, OH | 11/09/04      | 14 Yrs.<br>(Pending<br>Reopeners) | Letter 01/03/05         | 180,000—2005—                         | 115,625.00  | 64%                               | \$25.002          | \$14.71992/Ton                          | \$39.72192/Ton                    |
|   |  |               |                                   | Letter 08/29/05         | 240,000—2006—                         | 276,719.00  | 116%                              |                   |   |                                   |
|   |  |               |                                   | Letter 02/16/07         | 240,000—2007—                         | 279,440.00  | 116%                              |                   |   |                                   |
|   |  |               |                                   | Letter 03/28/07         | 262,000—2008—                         | 193,067.00  | 74%                               |                   |   |                                   |
|   |  |               |                                   | Amendment 1<br>10/02/07 | 600,000—2009—                         | 653,474.00  | 109%                              |                   |   |                                   |
|   |  |               |                                   | Amendment 2<br>08/27/08 | 600,000—2010—                         | 643,247.00  | 107%                              |                   |   |                                   |
|   |  |               |                                   | Amendment 2<br>08/27/08 | 600,000—2011—                         | 524,574.00  | 87%                               |                   |   |                                   |
|   |  |               |                                   | Letter 01/08/09         | 600,000—2012—                         | 673,504.00  | 112%                              |                   |   |                                   |
|   |  |               |                                   | Letter 05/11/09         | 563,952—2013—                         | 560,125.00  | 99%                               |                   |   |                                   |
|   |  |               |                                   | Letter 06/01/09         | 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<br>10/15/12 | 480,000—2018—                         | _____   |                                   |                   |   |                                   |
|   |  |               |                                   | Letter 04/10/13         | 120,000—2019—                         | _____   |                                   |                   |   |                                   |
| Letter 08/08/13   | 6,525,952  | 4,755,801.00  |                                   |                         |                                       |   |                                   |                   |   |                                   |
| Letter 11/13/13   |  |               |                                   |                         |                                       |   |                                   |                   |   |                                   |
| Letter 12/23/13   |  |               |                                   |                         |                                       |   |                                   |                   |   |                                   |
| Amendment 4<br>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)<br>Supplier   | (b)<br>Production Facility                     | (c)<br>Contract Date | (d)<br>Duration of Contract      | (e)<br>Revisions or Amendments | (f)<br>Annual Tonnage Required Through 07/15 | (g)<br>Actual Annual Tonnage Rec'd Since Inception of Contract Through 07/15 | (h)<br>% of Annual Requirements Received | (i)<br>Base Price \$/Ton | (j)<br>Total Amt. of Price Escalations to Date | (k)<br>Current Price Paid for Coal (i&j) |
|---|--|----------------------|----------------------------------|--------------------------------|--|--|--|--------------------------|--|--|
| <b>Spurlock Station (Continued)</b>   |  |                      |                                  |                                |  |  |  |                          |  |  |
| Alliance Coal, LLC<br>1146 Monarch St.<br>Lexington, KY 40513<br>(Contract No. 522) | Highland #9<br>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   |  |                      |                                  |                                |  |  |  |                          |  |  |
| 08/14/14  |  |                      |                                  |                                |  |  |  |                          |  |  |
| Assignment  |  |                      |                                  |                                |  |  |  |                          |  |  |
| 12/23/14  |  |                      |                                  |                                |  |  |  |                          |  |  |
| B & N Coal, Inc.<br>P. O. Box 100<br>Dexter City, OH 45727<br>(Contract No. 824)    | Whigville, West<br>Fork, & Ullman<br>Noble, OH | 12/14/12             | 7 Yrs.<br>(Pending<br>Reopeners) | 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>   |  |               |                      |                         |  |   |                                   |                   |   |                                   |
| River View Coal, LLC<br>Suite 400<br>1717 S. Boulder<br>P. O. Box 22027 (74121)<br>Tulsa, OK 74119<br>Contract No. 530)       | River View Mine<br>Union, KY                   | 08/14/14      | 3 Yrs.               | Letter 02/10/15         | 140,000—2015—<br>100,000—2015—<br>240,000—2016—<br>240,000—2017— | 116,100.00<br>_____<br>_____<br>_____                                 | 83%                               | \$45.90           | —                                       | \$45.90/Ton                       |
| B & N Coal, Inc.<br>P. O. Box 100<br>Dexter City, OH 45727<br>(Contract No. 830)  | Whigville, West<br>Fork, & Ullman<br>Noble, OH | 09/04/14      | 2 Yrs.               | Letter 10/29/14         | 70,000—2015—<br>50,000—2015—<br>120,000—2016—                    | 61,478.00<br>_____<br>_____   | 88%                               | \$40.293          | (\$2.99922)/Ton                         | \$37.29378/Ton                    |
| Foresight Coal Sales<br>Suite 2600<br>One Metropolitan Square<br>211 N. Broadway<br>St. Louis, MO 63102<br>(Contract No. 532) | Pond Creek<br>Mach Mining<br>Williamson, IL    | 01/16/15      | 3 Yrs.               | —                       | 140,000—2015—<br>100,000—2015—<br>240,000—2016—<br>240,000—2017— | 130,992.00<br>_____<br>_____<br>_____                                 | 94%                               | \$46.50           | —                                       | \$46.50/Ton                       |
|   |  |               |                      |                         | 720,000  | 116,100.00  |                                   |                   |   |                                   |
|   |  |               |                      |                         | 240,000  | 61,478.00   |                                   |                   |   |                                   |
|   |  |               |                      |                         | 720,000  | 130,992.00  |                                   |                   |   |                                   |

**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<br/>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%

**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.

**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.

(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.

**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;

**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.

**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

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**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;

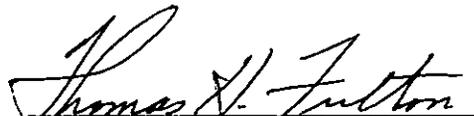
NOW, therefore, the Court being sufficiently advised, IT IS HEREBY ORDERED AND ADJUDGED as follows:

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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Lexington, KY 40507  
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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

|  |                   |                        |                     |
|--|-------------------|------------------------|---------------------|
| <b>PROCEDURE FOR THE PROCUREMENT OF COAL</b> |                   |                        | 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

## 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.
-

- 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.

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.
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- 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.

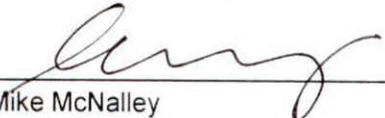
- 4.13.5 Accounting reconciles barge and rail invoices received for payment.
- 4.13.6 Accounting contacts responsible party to clarify any discrepancies.
- 4.13.7 Accounting receives Accounting supervisor approval on all invoices and sends to accounts payable for payment.

## 5.0 Effective Date

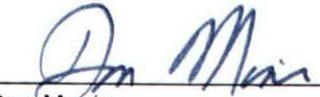
- 5.1 All departments at EKPC shall be fully compliant with this procedure by January 31, 2015, and this procedure will be reviewed annually.

Concurred by:   
Craig Johnson  
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: 11/30/12  
Amended: 12/18/13  
Amended: 12/16/14

# EMISSIONS

|   |                 |                        |                     |
|---|-----------------|------------------------|---------------------|
| <b>PROCEDURE FOR THE PROCUREMENT OF EMISSION ALLOWANCES</b> |                 |                        | 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

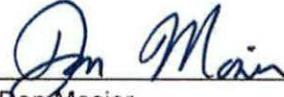
- 5.1 All departments at EKPC shall be fully compliant with this procedure by January 31, 2015, and this procedure will be reviewed annually.

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

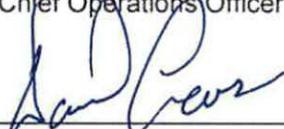
Date: 12/19/14

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

|   |                 |                       |                     |
|---|-----------------|-----------------------|---------------------|
| <b>PROCEDURE FOR THE PROCUREMENT OF LIME, LIME KILN DUST, AND LIMESTONE</b> |                 |                       | 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.
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- 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.
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- 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.

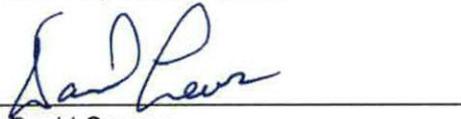
**5.0 Effective Date**

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

|   |                 |                        |                     |
|---|-----------------|------------------------|---------------------|
| <b>PROCEDURE FOR THE PROCUREMENT OF NATURAL GAS</b> |                 |                        | 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
-

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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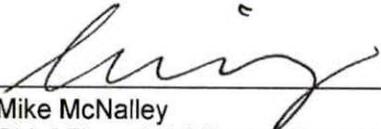
- 4.8 Verify receipt and invoice approval.
    - 4.8.1 Fuel Buyer prepares invoice estimate and submits to Accounting along with confirmations (*Exhibit 27*), Trade Data Gas Form (*Exhibit 30*), and OBA calculation backup.
    - 4.8.2 Accounting verifies confirmations (*Exhibit 27*) and invoice estimate 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

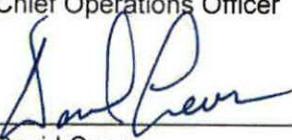
Date: 12-19-14

Concurred by:   
Mike McNalley  
Chief Financial Officer & Executive VP

Date: 12-27-14

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**

|  |                 |                        |                     |
|--|-----------------|------------------------|---------------------|
| <b>PROCEDURE FOR THE PROCUREMENT OF FUEL OIL</b> |                 |                        | 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

## 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.

### 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.

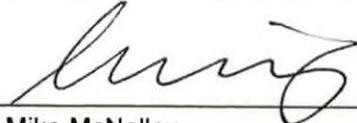
4.10.10 Accounting receives Accounting supervisor approval on invoice and sends to accounts payable for payment.

**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

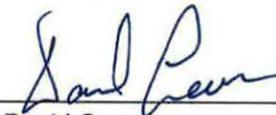
Date: 12-19-14

Concurred by:   
Mike McNalley  
Chief Financial Officer & Executive VP

Date: 12-22-14

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: 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.

**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.

**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.

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

**FUEL EVALUATION FOR SPURLOCK UNIT NOS. 3 & 4**

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

**2015 SPOT PURCHASE**

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

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



**FUEL EVALUATION FOR SPURLOCK UNIT NOS. 3 & 4**

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

**2015 SPOT PURCHASE**

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

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



REDACTED  
  
 PSC Request 19(a)(b)  
 Page 4 of 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 |

| Coal Supplier | Number     | Quality Btu |            |            | Delivery Cost |            | Evaluated Cost |            | Reason for Recommendation |
|---------------|------------|-------------|------------|------------|---------------|------------|----------------|------------|---------------------------|
|               |            | % Sulfur    | % Ash      | Tons       | Term          | \$<br>Ton  | \$<br>MMBtu    | \$<br>Ton  |                           |
| [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**

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

**2015 SPOT PURCHASE**

| Coal Supplier | Number     | Quality Btu |            |            | Delivery Cost |            | Evaluated Cost |            | Reason for Recommendation |
|---------------|------------|-------------|------------|------------|---------------|------------|----------------|------------|---------------------------|
|               |            | % Sulfur    | % Ash      | Tons       | Term          | \$<br>Ton  | \$<br>MMBtu    | \$<br>Ton  |                           |
| [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**

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

**2015 SPOT PURCHASE**

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

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

**FUEL EVALUATION FOR COOPER POWER STATION**

**SPOT PURCHASE**

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

| Coal Supplier | Number     | Quality Btu |            |            | Delivery Cost |            | Evaluated Cost |            | Reason for Recommendation |
|---------------|------------|-------------|------------|------------|---------------|------------|----------------|------------|---------------------------|
|               |            | % Sulfur    | % Ash      | Tons       | Term          | \$<br>Ton  | \$<br>MMBtu    | \$<br>Ton  |                           |
| [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**

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

**SPOT PURCHASE**

| Coal Supplier | Number     | Quality Btu |            |            | Delivery Cost |            | Evaluated Cost |            | Reason for Recommendation |
|---------------|------------|-------------|------------|------------|---------------|------------|----------------|------------|---------------------------|
|               |            | % Sulfur    | % Ash      | Tons       | Term          | \$<br>Ton  | \$<br>MMBtu    | \$<br>Ton  |                           |
| [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**

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

**SPOT PURCHASE**

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

**EAST KENTUCKY POWER COOPERATIVE, INC.**

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**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.**

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**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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**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.

**EAST KENTUCKY POWER COOPERATIVE, INC.**

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**RESPONSE TO INFORMATION REQUEST**

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**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.**

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**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.**

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**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

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<br/>Included in<br/>FAC</b> | <b>Purchases Using<br/>Highest Cost<br/>Unit<br/>Methodology</b> | <b>Purchases in<br/>Excess of<br/>Highest Cost<br/>Unit<br/>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.**

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**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.**

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**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**

|               | <b>Original<br/>Factor As<br/>Filed</b> | <b>Revised<br/>Factor with<br/>PJM Codes<br/>1370/2370</b> | <b>Original<br/>FAC Revenue</b> | <b>Revised<br/>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> |