

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

**In the Matter of:**

<b>ELECTRONIC EXAMINATION OF THE</b>	)	
<b>APPLICATION OF THE FUEL ADJUSTMENT</b>	)	
<b>CLAUSE OF EAST KENTUCKY POWER</b>	)	<b>CASE NO.</b>
<b>COOPERATIVE INC, FROM NOVEMBER 1,</b>	)	<b>2019-00003</b>
<b>2016 THROUGH OCTOBER 31, 2018</b>	)	
	)	

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**DIRECT TESTIMONY OF MARK HORN**  
**ON BEHALF OF EAST KENTUCKY POWER COOPERATIVE, INC.**

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**Filed: February 25, 2019**

1 **Q. Please state your name and address.**

2 A. My name is Mark Horn, and my business address is 4775 Lexington Road,  
3 Winchester, Kentucky 40391.

4 **Q. By whom are you employed and in what capacity?**

5 A. I am employed by EKPC as Fuel and Emissions Manager in the Power Supply  
6 Business Unit.

7 **Q. As background for your testimony, please briefly describe your educational  
8 background and work responsibilities at EKPC.**

9 A. I have a Bachelor's degree in Chemistry from Eastern Kentucky University. I have  
10 worked for EKPC for the past 22 years. I was a lab technician at Dale Power Station  
11 from September 1996 to April 2000, a chemist at Central Lab from April 2000 to  
12 November 2002, a senior chemist from November 2002 to August 2008, and a fuel  
13 buyer from August 2008 to January 2014. I have been in my current position since  
14 January 2014. I am responsible for the cooperative's fuel and emissions procurement  
15 activities.

16 **Q. Has EKPC utilized reasonable fuel procurement practices in the period under  
17 review?**

18 A. Yes. EKPC's fuel procurement objectives are, to ensure an adequate supply of fuel of  
19 proper quality, purchased at competitive prices, and in accordance with the  
20 requirements of lending and regulatory agencies; to ensure ethical, fair, and sound  
21 business practices are followed; and to avoid any conflict of interest or appearance of  
22 any such conflict of interest. Various fuel procurement techniques, such as a

1 competitive bid process for contract or spot fuel supply whether written or verbal, and  
2 any such negotiations as may be appropriate are utilized.

3 **Q. Have coal and natural gas suppliers to EKPC adhered to contract delivery**  
4 **schedules during the review period?**

5 A. All but one of EKPC's coal suppliers have adhered to contract delivery schedules  
6 during the review period. B & W Resources, Inc., which delivers coal to Cooper  
7 Power Station, is currently behind on its committed tonnage deliveries. Natural gas  
8 suppliers have adhered to spot delivery schedules during the review period.

9 **Q. What steps does EKPC take to ensure supplier compliance with those contract**  
10 **delivery schedules?**

11 A. Fuel buyers are assigned to specific power plants to purchase, administer, and  
12 schedule coal purchase agreements. These buyers monitor coal deliveries on a daily  
13 basis and communicate with the power plants and coal suppliers on a routine basis.  
14 Delivery schedules, with adequate notification, are adjusted as needed.

15 **Q. What steps would EPKC take to maintain an adequate supply of coal if a**  
16 **supplier became unwilling or unable to meet its contract supply obligations?**

17 A. If current stockpile levels allow it, EKPC attempts to negotiate an acceptable new  
18 delivery schedule. If stockpile levels dictate immediate deliveries as outlined in the  
19 contract agreement, EKPC would go to the market to replace the coal and have the  
20 supplier reimburse EKPC for the difference in the coal cost if the cost is higher than  
21 the contracted price. EKPC has, at times, cancelled contract tonnage that has not been  
22 delivered on time if EKPC does not need the tonnage or can replace the tonnage at  
23 lower prices.

1 **Q. What changes in coal and natural gas market conditions have occurred during**  
2 **the review period, or are expected to occur within the next two years, that have**  
3 **significantly impacted or will significantly impact EKPC’s fuel procurement**  
4 **practices?**

5 A. Issues regarding production costs, transportation costs, and market pricing continue to  
6 reduce the amount of coal in the Central Appalachian (“CAPP”) Basin that can  
7 compete with other coal basins. EKPC continues to see fewer responses to coal  
8 solicitations from suppliers or brokers in the CAPP Basin. The production costs in the  
9 Illinois Basin continued to push the use of this coal, at competitive pricing, into a  
10 market with a larger footprint. Lower natural gas prices have increased the use of  
11 EKPC’s simple-cycle gas turbines for generation and reduced the amount of coal  
12 being burned as plant optimization occurs. EKPC’s integration into PJM in June 2013  
13 has impacted EKPC’s fuel procurement practices, specifically, by revising the  
14 Hedging Policy to be plant specific instead of having a system perspective.

15 **Q. Does this conclude your testimony?**

16 A. Yes

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COOPERATIVE INC, FROM NOVEMBER 1,	)	2019-00003
2016 THROUGH OCTOBER 31, 2018	)	

AFFIDAVIT

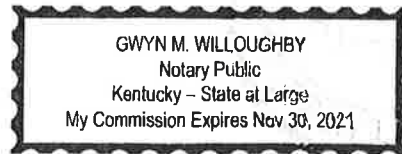
STATE OF KENTUCKY )  
 )  
 COUNTY OF CLARK )

Mark Horn, being duly sworn, states that he has read the foregoing prepared testimony and that he would respond in the same manner to the questions if so asked upon taking the stand, and that the matters and things set forth therein are true and correct to the best of his knowledge, information and belief.

Mark Horn

Subscribed and sworn before me on this 25<sup>th</sup> day of February 2019.

Gwyn M. Willoughby #590567  
Notary Public



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<b>2016 THROUGH OCTOBER 31, 2018</b>	)	

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**DIRECT TESTIMONY OF JULIA J. TUCKER**  
**ON BEHALF OF EAST KENTUCKY POWER COOPERATIVE, INC.**

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**Filed: February 25, 2019**

1 **Q. Please state your name and address.**

2 A. My name is Julia J. Tucker, and my business address is 4775 Lexington Road,  
3 Winchester, Kentucky 40391.

4 **Q. By whom are you employed and in what capacity?**

5 A. I am employed by East Kentucky Power Cooperative, Inc., ("EKPC") as Director,  
6 Power Supply.

7 **Q. As background for your testimony, please briefly describe your educational  
8 background and work responsibilities at EKPC.**

9 A. I have a Bachelor's degree in Electrical Engineering from the University of Kentucky.  
10 I am a licensed Professional Engineer, Registration Number 15532, in the state of  
11 Kentucky. I have worked for EKPC for the past 12 years. I am responsible for the  
12 cooperative's integrated resource planning, renewables planning, load forecasting and  
13 market operations functions.

14 **Q. Were there any changes in the wholesale electric power market that occurred  
15 during the review period or that East Kentucky expects to occur within the next  
16 two years that have significantly affected or will significantly affect East  
17 Kentucky's electric power procurement practices?**

18 A. No, there were no changes in the wholesale electric power market that have  
19 significantly affected East Kentucky's electric power procurement practices, nor are  
20 there expected to be such changes in the next two years. PJM has implemented  
21 various changes to its business rules as a normal course of action to address  
22 stakeholder concerns, but East Kentucky has been able to meet its requirements for  
23 these rules utilizing good utility practices, and expects to continue doing so in the two  
24 year forward period.

1 Q. Does this conclude your testimony?

2 A. Yes



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AFFIDAVIT

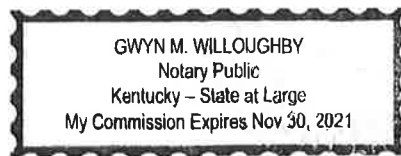
STATE OF KENTUCKY )  
 )  
 COUNTY OF CLARK )

Julia J. Tucker, being duly sworn, states that she has read the foregoing prepared testimony and that she would respond in the same manner to the questions if so asked upon taking the stand, and that the matters and things set forth therein are true and correct to the best of her knowledge, information and belief.

*Julia J. Tucker*  
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Subscribed and sworn before me on this 25<sup>th</sup> day of February 2019.

*Gwyn M. Willoughby* #590567  
\_\_\_\_\_  
Notary Public



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<b>2016 THROUGH OCTOBER 31, 2018</b>	)	

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

**DATED FEBRUARY 11, 2019**

**EAST KENTUCKY POWER COOPERATIVE, INC.**

**PSC CASE NO. 2019-00003**

**PUBLIC SERVICE COMMISSION REQUEST DATED 02/11/19**

East Kentucky Power Cooperative, Inc. ("EKPC") hereby submits responses to the information requests contained in Appendix B to the Order of the Public Service Commission ("PSC") in this case dated February 11, 2019. Each response with its associated supportive reference materials is individually bookmarked.

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<b>COOPERATIVE INC, FROM NOVEMBER 1,</b>	)	<b>2019-00003</b>
<b>2016 THROUGH OCTOBER 31, 2018</b>	)	

**CERTIFICATE**

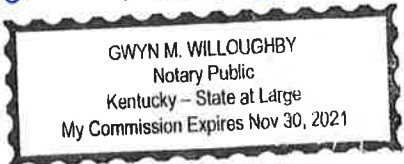
**STATE OF KENTUCKY** )  
)  
**COUNTY OF CLARK** )

Michelle K. Carpenter, being duly sworn, states that she has supervised the preparation of the responses of East Kentucky Power Cooperative, Inc. to the Public Service Commission Staff Data Requests contained in the Appendix in the above-referenced case dated February 11, 2019, and that the matters and things set forth therein are true and accurate to the best of her knowledge, information and belief, formed after reasonable inquiry.

*Michelle K. Carpenter*

Subscribed and sworn before me on this 25<sup>th</sup> day of February 2019.

*Gwyn M. Willoughby #590567*  
Notary Public



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<b>2016 THROUGH OCTOBER 31, 2018</b>	)	

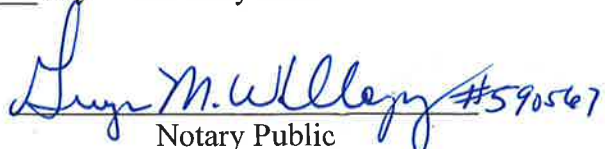
**CERTIFICATE**

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

Mark Horn, being duly sworn, states that he has supervised the preparation of the responses of East Kentucky Power Cooperative, Inc. to the Public Service Commission Staff Data Requests contained in the Appendix in the above-referenced case dated February 11, 2019, and that the matters and things set forth therein are true and accurate to the best of his knowledge, information and belief, formed after reasonable inquiry.

  
\_\_\_\_\_

Subscribed and sworn before me on this 25<sup>th</sup> day of February 2019.

  
Notary Public



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**CERTIFICATE**

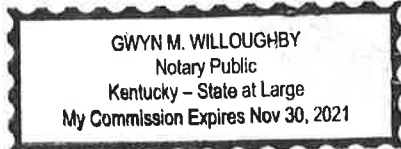
**STATE OF KENTUCKY**    )  
  )  
**COUNTY OF CLARK**    )

Craig A. Johnson, being duly sworn, states that he has supervised the preparation of the responses of East Kentucky Power Cooperative, Inc. to the Public Service Commission Staff Data Requests contained in the Appendix in the above-referenced case dated February 11, 2019, and that the matters and things set forth therein are true and accurate to the best of his knowledge, information and belief, formed after reasonable inquiry.

*Craig A Johnson*  
\_\_\_\_\_

Subscribed and sworn before me on this 25<sup>th</sup> day of February 2019.

*Gwyn M. Willoughby #580567*  
\_\_\_\_\_  
Notary Public



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

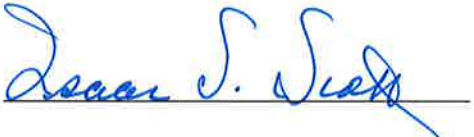
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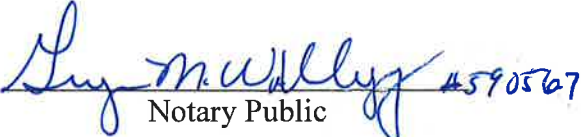
**CERTIFICATE**

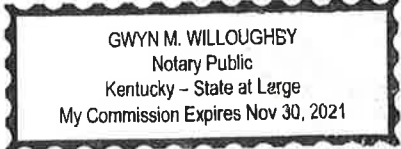
STATE OF KENTUCKY   )  
  )  
COUNTY OF CLARK    )

Isaac S. Scott, being duly sworn, states that he has supervised the preparation of the responses of East Kentucky Power Cooperative, Inc. to the Public Service Commission Staff Data Requests contained in the Appendix in the above-referenced case dated February 11, 2019, and that the matters and things set forth therein are true and accurate to the best of his knowledge, information and belief, formed after reasonable inquiry.

  
\_\_\_\_\_

Subscribed and sworn before me on this 25<sup>th</sup> day of February 2019.

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



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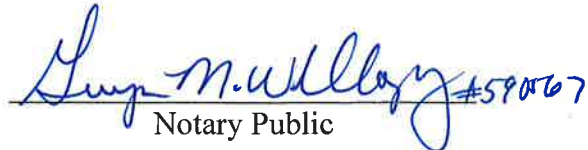
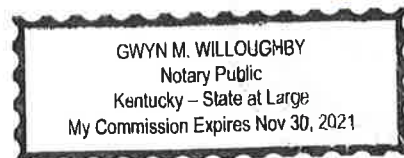
CERTIFICATE

STATE OF KENTUCKY )  
 )  
COUNTY OF CLARK )

Julia J. Tucker, being duly sworn, states that she has supervised the preparation of the responses of East Kentucky Power Cooperative, Inc. to the Public Service Commission Staff Data Requests contained in the Appendix in the above-referenced case dated February 11, 2019, and that the matters and things set forth therein are true and accurate to the best of her knowledge, information and belief, formed after reasonable inquiry.



Subscribed and sworn before me on this 25<sup>th</sup> day of February 2019.

  
Notary Public



**EAST KENTUCKY POWER COOPERATIVE, INC.**  
**PSC CASE NO. 2019-00003**  
**FUEL ADJUSTMENT CLAUSE**  
**RESPONSE TO INFORMATION REQUEST**

**COMMISSION STAFF'S INFORMATION REQUEST DATED 02/11/19**  
**REQUEST 1**

**RESPONSIBLE PARTY: Mark Horn**

**Request 1.** For the period from May 1, 2018, to October 31, 2018 (the last six months of the period under review), provide the amount of coal purchased in tons, and the percentage of purchases that were spot versus contract.

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

<u>Supplier</u>	<u>Spot/Contract</u>	<u>Order Number</u>	<u>Quantity (Tons)</u>
<b>Cooper</b>			
<b><u>May 2018</u></b>			
B & W RESOURCES INC	L T Contract	0000000236	4,783.18
			<b>4,783.18</b>
<b><u>June 2018</u></b>			
B & W RESOURCES INC	L T Contract	0000000236	8,863.14
JRL COAL, INC.	Spot Market	0000251543	2,310.53
			<b>11,173.67</b>
<b><u>July 2018</u></b>			
B & W RESOURCES INC	L T Contract	0000000236	5,505.73
JRL COAL, INC.	Spot Market	0000251543	5,740.83
STURGEON MINING CO INC	Spot Market	0000251547	6,102.95
BLACKHAWK COAL SALES, LLC	Spot Market	0000251550	3,893.23
EMBER ENERGY, LLC	Spot Market	0000251551	2,144.35
B & W RESOURCES INC	L T Contract	0000251552	2,456.21
			<b>25,843.30</b>
<b><u>August 2018</u></b>			
B & W RESOURCES INC	L T Contract	0000000236	3,114.46
JRL COAL, INC.	Spot Market	0000251543	6,020.71
JAMIESON CONSTRUCTION CO	Spot Market	0000251544	10,070.93
STURGEON MINING CO INC	Spot Market	0000251547	7,415.19
BLACKHAWK COAL SALES, LLC	Spot Market	0000251550	6,052.98
EMBER ENERGY, LLC	Spot Market	0000251551	1,897.18
PREMIER ELKHORN, LLC	Spot Market	0000251553	5,179.91
			<b>39,751.36</b>
<b><u>September 2018</u></b>			
B & W RESOURCES INC	L T Contract	0000000236	5,475.89
JRL COAL, INC.	Spot Market	0000251543	10,872.92
JAMIESON CONSTRUCTION CO	Spot Market	0000251544	8,075.66
STURGEON MINING CO INC	Spot Market	0000251547	5,213.15
BLACKHAWK COAL SALES, LLC	Spot Market	0000251550	5,081.91
EMBER ENERGY, LLC	Spot Market	0000251551	2,174.61
PREMIER ELKHORN, LLC	Spot Market	0000251553	2,144.18
			<b>39,038.32</b>

<u>Supplier</u>	<u>Spot/Contract</u>	<u>Order Number</u>	<u>Quantity (Tons)</u>
<b>October 2018</b>			
B & W RESOURCES INC	L T Contract	0000000236	5,816.78
JRL COAL, INC.	Spot Market	0000251543	5,129.59
JAMIESON CONSTRUCTION CO	Spot Market	0000251544	6,557.15
STURGEON MINING CO INC	Spot Market	0000251547	5,215.53
EMBER ENERGY, LLC	Spot Market	0000251551	1,259.91
BLACKHAWK COAL SALES, LLC	Spot Market	0000251555	2,431.50
JRL COAL, INC.	Spot Market	0000251557	2,914.00
SOUTHERN APPALACHIAN COAL SALES	Spot Market	0000251558	2,396.84
<b>October 2018</b>			<b>31,721.30</b>
<b><u>COOPER PERCENTAGE SPOT</u></b>	<b>76%</b>		
<b><u>COOPER PERCENTAGE CONTRACT</u></b>	<b>24%</b>		

**Spurlock Unit Nos. 1 & 2**

<b>May 2018</b>			
OXFORD MINING COMPANY	L T Contract	0000000504	19,833.35
RIVER VIEW COAL, LLC	L T Contract	0000000530	29,335.70
FORESIGHT COAL SALES LLC	L T Contract	0000000532	1,577.25
FORESIGHT COAL SALES LLC	L T Contract	0000000532	3,564.80
FORESIGHT COAL SALES LLC	L T Contract	0000000534	3,685.10
FORESIGHT COAL SALES LLC	L T Contract	0000000534	7,250.01
CONTURA COAL SALES, LLC	L T Contract	0000000538	64,983.88
ALLIANCE COAL LLC	L T Contract	0000000540	7,071.00
RED HILL ENERGY, LLC	Spot Market	0000551527	7,992.69
RIVER TRADING COMPANY, LTD	Spot Market	0000551528	15,908.71
OXFORD MINING COMPANY	Spot Market	0000551532	43,643.19
CONSOLIDATION COAL COMPANY	Spot Market	0000551533	7,681.23
CONSOLIDATION COAL COMPANY	Spot Market	0000551533	17,406.77
RIVER TRADING COMPANY, LTD	Spot Market	0000551534	3,174.50
FORESIGHT COAL SALES LLC	Spot Market	0000551538	46,667.14
FORESIGHT COAL SALES LLC	Spot Market	0000551540	22,619.18
FORESIGHT COAL SALES LLC	Spot Market	0000551540	10,123.28
<b>May 2018</b>			<b>312,517.78</b>

<u>Supplier</u>	<u>Spot/Contract</u>	<u>Order Number</u>	<u>Quantity (Tons)</u>
<b>June 2018</b>			
OXFORD MINING COMPANY	L T Contract	000000504	18,957.22
RIVER VIEW COAL, LLC	L T Contract	000000530	20,813.60
FORESIGHT COAL SALES LLC	L T Contract	000000532	5,140.94
FORESIGHT COAL SALES LLC	L T Contract	000000532	3,532.90
FORESIGHT COAL SALES LLC	L T Contract	000000534	5,349.10
CONTURA COAL SALES, LLC	L T Contract	000000538	23,742.07
ALLIANCE COAL LLC	L T Contract	000000540	10,411.40
RED HILL ENERGY, LLC	Spot Market	0000551527	17,923.08
RIVER TRADING COMPANY, LTD	Spot Market	0000551528	24,027.25
OXFORD MINING COMPANY	Spot Market	0000551532	24,013.40
CONSOLIDATION COAL COMPANY	Spot Market	0000551533	5,488.39
CONSOLIDATION COAL COMPANY	Spot Market	0000551533	9,402.23
RIVER TRADING COMPANY, LTD	Spot Market	0000551534	3,072.13
FORESIGHT COAL SALES LLC	Spot Market	0000551538	1,904.22
FORESIGHT COAL SALES LLC	Spot Market	0000551540	40,032.54
FORESIGHT COAL SALES LLC	Spot Market	0000551540	22,500.72
<b>June 2018</b>			<b>236,311.19</b>
<b>July 2018</b>			
OXFORD MINING COMPANY	L T Contract	000000504	5,287.69
RIVER VIEW COAL, LLC	L T Contract	000000530	20,634.10
FORESIGHT COAL SALES LLC	L T Contract	000000532	8,638.14
FORESIGHT COAL SALES LLC	L T Contract	000000534	6,866.73
CONTURA COAL SALES, LLC	L T Contract	000000538	4,587.25
ALLIANCE COAL LLC	L T Contract	000000540	8,697.30
RED HILL ENERGY, LLC	Spot Market	0000551527	4,905.61
OXFORD MINING COMPANY	Spot Market	0000551532	39,578.83
RED HILL ENERGY, LLC	Spot Market	0000551539	8,008.12
FORESIGHT COAL SALES LLC	Spot Market	0000551540	30,567.02
FORESIGHT COAL SALES LLC	Spot Market	0000551540	46,994.83
RIVER TRADING COMPANY, LTD	Spot Market	0000551541	9,634.66
RIVER TRADING COMPANY, LTD	Spot Market	0000551546	3,103.07
RIVER TRADING COMPANY, LTD	Spot Market	0000551548	4,878.37
<b>July 2018</b>			<b>202,381.72</b>

<u>Supplier</u>	<u>Spot/Contract</u>	<u>Order Number</u>	<u>Quantity (Tons)</u>
<b>August 2018</b>			
OXFORD MINING COMPANY	L T Contract	000000504	18,956.55
RIVER VIEW COAL, LLC	L T Contract	000000530	19,287.70
FORESIGHT COAL SALES LLC	L T Contract	000000532	5,067.18
FORESIGHT COAL SALES LLC	L T Contract	000000532	5,001.82
FORESIGHT COAL SALES LLC	L T Contract	000000534	5,002.65
FORESIGHT COAL SALES LLC	L T Contract	000000534	6,928.43
CONTURA COAL SALES, LLC	L T Contract	000000538	23,508.14
ALLIANCE COAL LLC	L T Contract	000000540	10,111.40
OXFORD MINING COMPANY	Spot Market	0000551532	14,457.83
RED HILL ENERGY, LLC	Spot Market	0000551539	7,884.54
FORESIGHT COAL SALES LLC	Spot Market	0000551540	1,838.40
FORESIGHT COAL SALES LLC	Spot Market	0000551540	25,618.69
RIVER TRADING COMPANY, LTD	Spot Market	0000551541	9,585.77
RIVER TRADING COMPANY, LTD	Spot Market	0000551546	6,332.90
RIVER TRADING COMPANY, LTD	Spot Market	0000551548	7,937.57
<b>August 2018</b>			<b>167,519.57</b>
<b>September 2018</b>			
OXFORD MINING COMPANY	L T Contract	000000504	24,083.42
RIVER VIEW COAL, LLC	L T Contract	000000530	10,322.50
FORESIGHT COAL SALES LLC	L T Contract	000000532	5,262.65
FORESIGHT COAL SALES LLC	L T Contract	000000532	3,432.12
FORESIGHT COAL SALES LLC	L T Contract	000000534	5,292.33
FORESIGHT COAL SALES LLC	L T Contract	000000534	7,385.13
CONTURA COAL SALES, LLC	L T Contract	000000538	14,416.48
ALLIANCE COAL LLC	L T Contract	000000540	13,449.30
RED HILL ENERGY, LLC	Spot Market	0000551539	20,902.99
RIVER TRADING COMPANY, LTD	Spot Market	0000551541	9,584.89
RIVER TRADING COMPANY, LTD	Spot Market	0000551546	1,575.50
RIVER TRADING COMPANY, LTD	Spot Market	0000551548	4,826.85
<b>September 2018</b>			<b>120,534.16</b>

<u>Supplier</u>	<u>Spot/Contract</u>	<u>Order Number</u>	<u>Quantity (Tons)</u>
<b>October 2018</b>			
OXFORD MINING COMPANY	L T Contract	0000000504	16,947.64
RIVER VIEW COAL, LLC	L T Contract	0000000530	11,807.60
FORESIGHT COAL SALES LLC	L T Contract	0000000532	1,804.15
FORESIGHT COAL SALES LLC	L T Contract	0000000532	8,516.24
FORESIGHT COAL SALES LLC	L T Contract	0000000534	7,112.32
FORESIGHT COAL SALES LLC	L T Contract	0000000534	3,576.00
CONTURA COAL SALES, LLC	L T Contract	0000000538	9,373.86
ALLIANCE COAL LLC	L T Contract	0000000540	5,076.60
RED HILL ENERGY, LLC	Spot Market	0000551539	11,276.72
RIVER TRADING COMPANY, LTD	Spot Market	0000551541	9,742.69
<b>October 2018</b>			<b>85,233.82</b>
<b><u>SPURLOCK 1 &amp; 2 PERCENTAGE SPOT</u></b>		<b>54%</b>	
<b><u>SPURLOCK 1 &amp; 2 PERCENTAGE CONTRACT</u></b>		<b>46%</b>	

**Spurlock Unit Nos. 3 & 4**

<b>May 2018</b>			
OXFORD MINING COMPANY	L T Contract	0000000800	42,072.05
B & N COAL INC	L T Contract	0000000824	19,883.73
B & N COAL INC	L T Contract	0000000830	6,854.16
B & N COAL INC	L T Contract	0000000832	8,368.49
FORESIGHT COAL SALES LLC	L T Contract	0000000834	10,166.34
FORESIGHT COAL SALES LLC	L T Contract	0000000834	12,259.42
<b>May 2018</b>			<b>99,604.19</b>
<b>June 2018</b>			
OXFORD MINING COMPANY	L T Contract	0000000800	69,313.57
B & N COAL INC	L T Contract	0000000824	27,092.31
B & N COAL INC	L T Contract	0000000830	11,481.91
B & N COAL INC	L T Contract	0000000832	8,221.69
FORESIGHT COAL SALES LLC	L T Contract	0000000834	5,039.39
<b>June 2018</b>			<b>121,148.87</b>

<u>Supplier</u>	<u>Spot/Contract</u>	<u>Order Number</u>	<u>Quantity (Tons)</u>
<b>July 2018</b>			
OXFORD MINING COMPANY	L T Contract	000000800	43,247.42
B & N COAL INC	L T Contract	000000824	15,447.40
B & N COAL INC	L T Contract	000000830	11,852.98
B & N COAL INC	L T Contract	000000832	9,627.01
FORESIGHT COAL SALES LLC	L T Contract	000000834	8,654.23
FORESIGHT COAL SALES LLC	L T Contract	000000834	19,281.69
OXFORD MINING COMPANY	L T Contract	0000851542	29,342.54
RED HILL ENERGY, LLC	Spot Market	0000851545	1,604.30
CONSOLIDATION COAL COMPANY	Spot Market	0000851549	18,394.34
<b>July 2018</b>			<b>157,451.91</b>
<b>August 2018</b>			
OXFORD MINING COMPANY	L T Contract	000000800	45,613.01
B & N COAL INC	L T Contract	000000824	24,933.64
B & N COAL INC	L T Contract	000000830	10,549.69
B & N COAL INC	L T Contract	000000832	10,273.86
FORESIGHT COAL SALES LLC	L T Contract	000000834	3,432.96
FORESIGHT COAL SALES LLC	L T Contract	000000834	18,648.95
OXFORD MINING COMPANY	L T Contract	0000851542	1,773.80
RED HILL ENERGY, LLC	Spot Market	0000851545	9,547.68
CONSOLIDATION COAL COMPANY	Spot Market	0000851549	7,259.01
CONSOLIDATION COAL COMPANY	Spot Market	0000851549	69,965.91
<b>August 2018</b>			<b>201,998.51</b>
<b>September 2018</b>			
OXFORD MINING COMPANY	L T Contract	000000800	40,604.17
B & N COAL INC	L T Contract	000000824	13,869.14
B & N COAL INC	L T Contract	000000830	10,314.76
B & N COAL INC	L T Contract	000000832	8,674.03
FORESIGHT COAL SALES LLC	L T Contract	000000834	6,557.97
FORESIGHT COAL SALES LLC	L T Contract	000000834	19,435.27
RED HILL ENERGY, LLC	Spot Market	0000851545	6,484.00
CONSOLIDATION COAL COMPANY	Spot Market	0000851549	27,117.14
CONSOLIDATION COAL COMPANY	Spot Market	0000851549	43,346.61
<b>September 2018</b>			<b>176,403.09</b>

<u>Supplier</u>	<u>Spot/Contract</u>	<u>Order Number</u>	<u>Quantity (Tons)</u>
<b>October 2018</b>			
OXFORD MINING COMPANY	L T Contract	000000800	55,573.82
B & N COAL INC	L T Contract	000000824	20,486.71
B & N COAL INC	L T Contract	000000830	13,752.09
B & N COAL INC	L T Contract	000000832	8,703.70
FORESIGHT COAL SALES LLC	L T Contract	000000834	22,491.68
FORESIGHT COAL SALES LLC	L T Contract	000000834	3,294.64
RED HILL ENERGY, LLC	Spot Market	0000851545	14,427.29
CONSOLIDATION COAL COMPANY	Spot Market	0000851549	33,953.62
CONSOLIDATION COAL COMPANY	Spot Market	0000851549	51,727.61
		<b>October 2018</b>	<b>224,411.16</b>
<b><u>SPURLOCK 3 &amp; 4 PERCENTAGE SPOT</u></b>	<b>29%</b>		
<b><u>SPURLOCK 3 &amp; 4 PERCENTAGE CONTRACT</u></b>	<b>71%</b>		
<b><u>TOTAL SYSTEM PERCENTAGE SPOT</u></b>	<b>44%</b>		
<b><u>TOTAL SYSTEM PERCENTAGE CONTRACT</u></b>	<b>56%</b>		



**EAST KENTUCKY POWER COOPERATIVE, INC.**  
**PSC CASE NO. 2019-00003**  
**FUEL ADJUSTMENT CLAUSE**  
**RESPONSE TO INFORMATION REQUEST**

**COMMISSION STAFF'S INFORMATION REQUEST DATED 02/11/19**  
**REQUEST 2**

**RESPONSIBLE PARTY: Mark Horn**

**Request 2.** For the last six months of the period under review, list each coal purchase made under a long-term contract (one year or greater). For each purchase, list:

- a. Contract or purchase order number;
- b. The supplier's name;
- c. The location(s) of production facilities from which the coal is sourced;
- d. The method of delivery, (i .e., barge, truck, rail, other);
- e. The actual quantity received during the review period; and
- f. Current price paid per ton.

**Response 2.** Please see pages 2 through 4 of this response.

**EAST KENTUCKY POWER COOPERATIVE, INC.**  
**PSC FUEL ADJUSTMENT CLAUSE CASE NO. 2019-00003**  
**RESPONSE TO PSC ORDER DATED 02/11/19**

(a)	(b)	(c)	(d)	(e)	(f)
<b>Contract No.</b>	<b>Supplier</b>	<b>Production Facility</b>	<b>Delivery Method</b>	<b>Actual Quantity Received During 5/1/18—10/31/18</b>	<b>Current Price Paid Per Ton</b>
<b><u>Cooper Station</u></b>					
Contract No. 236	B & W Resources, Inc. 849 S. Highway 11 Manchester, KY 40962	B & W Resources Manchester Loadout	Truck	36,015.39	\$59.5032
<b><u>Spurlock Station</u></b>					
Contract No. 800	Oxford Mining Co. 544 Chestnut Street P. O. Box 427 Coshocton, OH 43812	Daron-Ligget Harrison, OH Barnesville Belmont, OH	Barge	327,540.38	\$32.536
Contract No. 504	Oxford Mining Co. 544 Chestnut Street P. O. Box 427 Coshocton, OH 43812	Daron-Ligget Harrison, OH Barnesville, Wheeling Valley Mine-Belmont, OH	Barge	104,065.87	\$33.24924
Contract No. 824	B & N Coal, Inc. P. O. Box 100 Dexter City, OH 45727	Whigville, West Fork, & Ullman Noble, OH	Barge	121,712.93	\$35.42898 +\$0.25/ton trucking
Contract No. 530	River View Coal, LLC Suite 400 1717 S. Boulder P. O. Box 22027 (74121) Tulsa, OK 74119	River View Mine Union, KY	Barge	112,201.20	\$37.00

EAST KENTUCKY POWER COOPERATIVE, INC.

PSC FUEL ADJUSTMENT CLAUSE CASE NO. 2019-00003

RESPONSE TO PSC ORDER DATED 02/11/19

(a)	(b)	(c)	(d)	(e)	(f)
Contract No.	Supplier	Production Facility	Delivery Method	Actual Quantity Received During 5/1/18—10/31/18	Current Price Paid Per Ton
<b>Spurlock Station (continued)</b>					
Contract No. 830	B & N Coal, Inc. P. O. Box 100 Dexter City, OH 45727	Whigville, West Fork, & Ullman Noble, OH	Barge	64,805.59	\$37.76
Contract No. 532	Foresight Coal Sales Suite 2600 One Metropolitan Square 211 N. Broadway St. Louis, MO 63102	Pond Creek Mach Mining Williamson, IL	Barge	51,538.19	\$34.25
Contract No. 832	B & N Coal, Inc. P. O. Box 100 Dexter City, OH 45727	Whigville, West Fork, & Ullman Noble, OH	Barge	53,868.78	\$35.42898 +\$.25/ton trucking
Contract No. 834	Foresight Coal Sales Suite 2600 One Metropolitan Square 211 N. Broadway St. Louis, MO 63102	Pond Creek No. 1, Sugar Camp Mining Complex, Shay Mine No. 1, Dear Run Mine—Williamson/Franklin/Macoupin/Montgomery Counties, IL	Barge	129,2625.54	\$41.68
Contract No. 534	Foresight Coal Sales Suite 2600 One Metropolitan Square 211 N. Broadway St. Louis, MO 63102	Sugar Camp, Pond Creek No. 1, Mach Mining Williamson, IL	Barge	58,447.80	\$34.90

EAST KENTUCKY POWER COOPERATIVE, INC.

PSC FUEL ADJUSTMENT CLAUSE CASE NO. 2019-00003

RESPONSE TO PSC ORDER DATED 02/11/19

(a)	(b)	(c)	(d)	(e)	(f)
Contract No.	Supplier	Production Facility	Delivery Method	Actual Quantity Received During 5/1/18—10/31/18	Current Price Paid Per Ton
<b>Spurlock Station (continued)</b>					
Contract No. 538	Contura Coal Sales, LLC 340 Martin Luther King Jr. Blvd. Bristol, TN 37620	Cumberland Mine Green, PA	Barge	140,611.68	\$40.00
Contract No. 540	Alliance Coal, LLC Suite 400 1717 South Boulder Tulsa, OK 74119	River View Mine Union, KY	Barge	54,817.00	\$37.00

**EAST KENTUCKY POWER COOPERATIVE, INC.**  
**PSC CASE NO. 2019-00003**  
**FUEL ADJUSTMENT CLAUSE**  
**RESPONSE TO INFORMATION REQUEST**

**COMMISSION STAFF'S INFORMATION REQUEST DATED 02/11/19**  
**REQUEST 3**

**RESPONSIBLE PARTY: Mark Horn**

**Request 3a.** As of the last day of the review period, state the coal inventory level in tons, and in number of days' supply. Provide this information by generating station and in the aggregate.

**Response 3a.** EKPC's aggregate coal inventory level as of October 31, 2018, was 803,587 tons—41 days' supply. By generating station the levels are as follows:

	<u>Tons</u>	<u>Days</u>
Cooper	116,446	32
Spurlock	687,141	42

**Request 3b.** Describe the criteria used to determine the number of days' supply.

**Response 3b.** Number of days' supply is determined by actual tons in inventory divided by the total maximum daily usage for EKPC's generating units.

**Request 3c.** State the target coal inventory level for each generating station, and for the total system.

**Response 3c.** EKPC's aggregate coal inventory as of October 31, 2018, was within its target range of 25-50 days' supply. The Cooper Power Station inventory was less than its target range entering winter and summer of 40-60 days' supply by 8 days. The Spurlock Power Station was within its range of 25-45 days' supply.

**Request 3d.** If actual coal inventory exceeds the target inventory by ten days' supply, state the reasons for the excessive inventory.

**Response 3d.** EKPC's coal inventory did not exceed its inventory target by ten days.

**Request 3e.** (1) State whether any significant changes in the current coal inventory target are expected within the next 12 months.

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

**Response 3e.** EKPC does not expect significant changes in its current coal inventory target within the next 12 months.

**EAST KENTUCKY POWER COOPERATIVE, INC.**  
**PSC CASE NO. 2019-00003**  
**FUEL ADJUSTMENT CLAUSE**  
**RESPONSE TO INFORMATION REQUEST**

**COMMISSION STAFF'S INFORMATION REQUEST DATED 02/11/19**  
**REQUEST 4**

**RESPONSIBLE PARTY: Mark Horn**

**Request 4.** List each written coal-supply solicitation issued during the last six months of the period under review.

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(s). Provide the bid tabulation sheet or corresponding document that ranks the proposals. (This document shall 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 4.** Please see pages 2 through 23 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. 2019-00003**  
**RESPONSE TO PSC ORDER DATED 02/11/19**

<b>Unit</b>	<b>Date</b>	<b>Contract/Spot</b>	<b>Quantity (Tons)</b>	<b>Quality</b>	<b>Time Period</b>	<b>Number of Vendors Sent</b>	<b>Number of Vendors Respond</b>	<b>Tabulation Sheet</b>
Spurlock 1&2	05/01/18	Contract	720,000	7.2# SO <sub>2</sub> /MMBtu <16% Ash >11,000 Btu	01/01/19—12/31/20	72	15	Pages 3-5
Spurlock 3&4	05/01/18	Contract	1,800,000	10# SO <sub>2</sub> /MMBtu <30% Ash >9,000 Btu	01/01/19—12/31/21	72	16	Pages 6-9
Cooper	06/08/18	Spot	60,000	3.3# SO <sub>2</sub> /MMBtu <12% Ash >11,500 Btu	06/20/18—09/19/18	63	5	Pages 10-18
Cooper	06/11/18	Contract	240,000	3.3# SO <sub>2</sub> /MMBtu <12% Ash >11,500 Btu	01/01/19—12/31/20	64	5	Page 19
Spurlock 1&2	06/13/18	Spot	200,000	7.2# SO <sub>2</sub> /MMBtu <16% Ash >11,000 Btu	08/01/18—09/30/18	72	5	Page 20
Spurlock 3&4	06/13/18	Spot	150,000	10# SO <sub>2</sub> /MMBtu <30% Ash >9,000 Btu	07/01/18—09/30/18	72	6	Page 21
Spurlock 1&2	10/29/18	Spot	375,000	7.2# SO <sub>2</sub> /MMBtu <16% Ash >11,000 Btu	01/01/19—03/31/19	63	6	Pages 22-23



**FUEL EVALUATION FOR SPURLOCK UNIT NOS. 1 & 2**

**OXFORD CONTRACT 504 REOPENER**

Date: 06/21/2018
Event Nbr: 274
Bid End Date: 05/22/2018

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

REDACTED

**FUEL EVALUATION FOR SPURLOCK UNIT NOS. 1 & 2**

**OXFORD CONTRACT 504 REOPENER**

Date: 06/21/2018
Event Nbr: 274
Bid End Date: 05/22/2018

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

REDACTED

PSC Request 4(a)(b)  
Page 4 of 23

**FUEL EVALUATION FOR SPURLOCK UNIT NOS. 1 & 2**

**OXFORD CONTRACT 504 REOPENER**

Date: 06/21/2018
Event Nbr: 274
Bid End Date: 05/22/2018

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

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

Date:	06/13/2018
Event Nbr:	276
Bid End Date:	05/22/2018

**JULY SPOT PURCHASE**

Coal Supplier	Number	Quality Btu			Limestone Sulfur Cost \$/Ton	Ash Landfill		Weekly Cost \$/Ton	Freight Cost \$/Ton	Delivery Cost \$/Ton	Delivery Cost \$/MMBtu	Evaluated Cost	
		% Sulfur	Tons	Term		Cost \$/Ton	Cost \$/Ton					\$	MMBtu
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

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



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

Date:	06/21/2018
Event Nbr:	275
Bid End Date:	05/22/2018

**2019 CONTRACT**

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



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

Date:	06/21/2018
Event Nbr:	275
Bid End Date:	05/22/2018

**2019 CONTRACT**

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

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



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

Date:	06/21/2018
Event Nbr:	275
Bid End Date:	05/22/2018

**2019 CONTRACT**

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

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



**FUEL EVALUATION FOR COOPER POWER STATION**

Date: 6/20/2018  
 Event Nbr: 277  
 Bid End Date: 06/15/2018

**SPOT BIDS**

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

REDACTED

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**FUEL EVALUATION FOR COOPER POWER STATION**

**3RD QUARTER SPOT COAL**

Date:	6/27/2018
Event Nbr:	280
Bid End Date:	06/15/2018

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]	
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[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:	6/27/2018
Event Nbr:	280
Bid End Date:	06/15/2018

**3RD QUARTER SPOT COAL**

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

**FUEL EVALUATION FOR COOPER POWER STATION**

Date:	7/6/2018
Event Nbr:	282
Bid End Date:	07/06/2018

**SPOT COAL PURCHASES**

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

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**FUEL EVALUATION FOR COOPER POWER STATION**

Date:	7/6/2018
Event Nbr:	282
Bid End Date:	07/06/2018

**SPOT COAL PURCHASES**

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

**FUEL EVALUATION FOR COOPER POWER STATION**

**SPOT COAL PURCHASE**

Date:	7/11/2018
Event Nbr:	283
Bid End Date:	07/11/2018

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]	
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	

REDACTED

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**FUEL EVALUATION FOR COOPER POWER STATION**

Date: 7/11/2018  
 Event Nbr: 283  
 Bid End Date: 07/11/2018

**SPOT COAL PURCHASE**

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

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**FUEL EVALUATION FOR COOPER POWER STATION**

**SEPT. THROUGH DEC. 2018**

Date:	8/30/2018
Event Nbr:	284
Bid End Date:	08/29/2018

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

PSC Request 4(a)(b)  
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**FUEL EVALUATION FOR COOPER POWER STATION**

**SEPT. THROUGH DEC. 2018**

Date:	8/30/2018
Event Nbr:	284
Bid End Date:	08/29/2018

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]	[REDACTED]	[REDACTED]	[REDACTED]			[REDACTED]		
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]			[REDACTED]		
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]			[REDACTED]		
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]			[REDACTED]		

REDACTED

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**FUEL EVALUATION FOR COOPER POWER STATION**

Date:	11/26/2018
Event Nbr:	281
Bid End Date:	07/02/2018

**B & W CONTRACT REOPENER**

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

**FUEL EVALUATION FOR SPURLOCK UNIT NOS. 1 & 2**

**AUGUST—OCTOBER 2018 SPOT**

Date: 07/03/2018
Event Nbr: 278
Bid End Date: 06/20/2018

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

PSC Request 4(a)(b)  
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**FUEL EVALUATION FOR SPURLOCK UNIT NOS. 3 & 4**

Date:	07/03/2018
Event Nbr:	279
Bid End Date:	06/20/2018

**JULY—SEPT. 2018 SPOT**

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



**FUEL EVALUATION FOR SPURLOCK UNIT NOS. 1 & 2**

**1ST QUARTER 2019**

Date: 12/10/2018
Event Nbr: 286
Bid End Date: 11/09/2018

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

REDACTED

PSC Request 4(a)(b)  
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**FUEL EVALUATION FOR SPURLOCK UNIT NOS. 1 & 2**

**1ST QUARTER 2019**

Date: 12/10/2018
Event Nbr: 286
Bid End Date: 11/09/2018

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

**EAST KENTUCKY POWER COOPERATIVE, INC.**  
**PSC CASE NO. 2019-00003**  
**FUEL ADJUSTMENT CLAUSE**  
**RESPONSE TO INFORMATION REQUEST**

**COMMISSION STAFF'S INFORMATION REQUEST DATED 02/11/19**  
**REQUEST 5**

**RESPONSIBLE PARTY: Mark Horn**

**Request 5.** List each oral coal-supply solicitation issued during the last six months of the period under review.

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(s) selected. Provide the bid tabulation sheet or other document that ranks the proposals. (This document shall 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 5.** Please see pages 2 through 3 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. 2019-00003**  
**RESPONSE TO PSC ORDER DATED 02/11/19**

<b>Unit</b>	<b>Date</b>	<b>Reason</b>	<b>Quantity (Tons)</b>	<b>Quality</b>	<b>Time Period</b>	<b>Number of Vendors Contacted</b>	<b>Tabulation Sheet</b>
Cooper	07/09/18	Immediate Response Required	2,000	3.3# SO <sub>2</sub> /MMBtu <12% Ash >11,500 Btu	07/09/18—07/31/18	1	Test Purchase No Tabulation
Cooper	10/22/18	Immediate Response Required	99,000	3.3# SO <sub>2</sub> /MMBtu <12% Ash >11,500 Btu	10/24/18—02/28/19	4	Page 3

**FUEL EVALUATION FOR COOPER POWER STATION**

**SPOT COAL PURCHASES**

Date:	10/22/2018
Event Nbr:	285
Bid End Date:	10/19/2018

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

REDACTED

PSC Request 5(a)(b)  
Page 3 of 3



**EAST KENTUCKY POWER COOPERATIVE, INC.**  
**PSC CASE NO. 2019-00003**  
**FUEL ADJUSTMENT CLAUSE**  
**RESPONSE TO INFORMATION REQUEST**

**COMMISSION STAFF'S INFORMATION REQUEST DATED 02/11/19**  
**REQUEST 6**

**RESPONSIBLE PARTY: Mark Horn**

**Request 6.** For the last six months of the period under review, list each vendor from whom natural gas was purchased for generation and the quantities and the nature of each purchase (i.e., spot or contract). Provide the percentage of purchases that were spot versus contract.

**Response 6.** Please refer to the table below.

<u>Vendor</u>	<u>Quantity (MMBtu)</u>	<u>Type of Purchase</u>
Conoco Phillips	5,000	Spot
Eco Energy	254,889	Spot
NJR Energy	1,467,863	Spot
Tenaska	1,038,092	Spot
TGP*	22,767	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 October 31, 2018) EKPC's gas purchases were 100% spot.

\* TGP is one of the pipeline transportation companies for Smith Station. Quantity shown is monthly balancing on the pipeline.

**EAST KENTUCKY POWER COOPERATIVE, INC.**

**PSC CASE NO. 2019-00003**

**FUEL ADJUSTMENT CLAUSE**

**RESPONSE TO INFORMATION REQUEST**

**COMMISSION STAFF'S INFORMATION REQUEST DATED 02/11/19**

**REQUEST 7**

**RESPONSIBLE PARTY: Mark Horn**

**Request 7.** For the last six months of the period under review, state if there were any instances in which a natural gas generating unit could not be operated when it otherwise would have run, due to pipeline constraints or natural gas being unavailable.

**Response 7.** During the period under review, there were no instances in which a natural gas unit could not be operated due to pipeline constraints or natural gas being unavailable.

**EAST KENTUCKY POWER COOPERATIVE, INC.**  
**PSC CASE NO. 2019-00003**  
**FUEL ADJUSTMENT CLAUSE**  
**RESPONSE TO INFORMATION REQUEST**

**COMMISSION STAFF'S INFORMATION REQUEST DATED 02/11/19**  
**REQUEST 8**

**RESPONSIBLE PARTY: Mark Horn**

**Request 8.** State if there have been any changes to hedging activities for coal or natural gas purchases used for generation since the previous FAC review proceeding. If so, describe the changes in detail.

**Response 8.** There have not been any changes to hedging activities for coal or natural gas purchases used for generation since the previous FAC review proceeding.

**EAST KENTUCKY POWER COOPERATIVE, INC.**  
**PSC CASE NO. 2019-00003**  
**FUEL ADJUSTMENT CLAUSE**  
**RESPONSE TO INFORMATION REQUEST**

**COMMISSION STAFF'S INFORMATION REQUEST DATED 02/11/19**  
**REQUEST 9**

**RESPONSIBLE PARTY: Mark Horn**

**Request 9.** a. State whether EKPC has audited any of its fuel or transportation contracts during the last six months of the period under review.

b. If so, for each audited contract:

(1) Identify the contract;

(2) Identify the auditor; and

(3) State the results of the audit and describe the actions that EKPC took as a result of the audit.

**Response 9.** No contracts were audited for the period under review.

**EAST KENTUCKY POWER COOPERATIVE, INC.**  
**PSC CASE NO. 2019-00003**  
**FUEL ADJUSTMENT CLAUSE**  
**RESPONSE TO INFORMATION REQUEST**

**COMMISSION STAFF'S INFORMATION REQUEST DATED 02/11/19**  
**REQUEST 10**

**RESPONSIBLE PARTY: Mark Horn**

**Request 10.** a. State whether EKPC is currently involved in any litigation with its current or former fuel suppliers or transportation vendors.

- b. If yes, for each litigation:
- (1) Identify the supplier or vendor;
  - (2) Identify the contract involved;
  - (3) State the potential liability or recovery to EKPC;
  - (4) List the issues presented; and
  - (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.

c. State the current status of all litigation with suppliers or vendors.

**Response 10.** No. EKPC initiated litigation against Appalachian Fuels, LLC (“Appalachian”) involving a breach of a coal contract prior to Appalachian’s bankruptcy, all as

set forth in more detail in previous FAC data request responses. EKPC's claim was satisfied by payment to EKPC of the sum of \$2,136,600 as approved by the United States Bankruptcy Court for the Eastern District of Kentucky. Those funds were paid to EKPC on or about September 14, 2018, and that payment concluded that matter. Those funds were applied to the fuel inventory account, which is a benefit to the members.

**EAST KENTUCKY POWER COOPERATIVE, INC.**  
**PSC CASE NO. 2019-00003**  
**FUEL ADJUSTMENT CLAUSE**  
**RESPONSE TO INFORMATION REQUEST**

**COMMISSION STAFF'S INFORMATION REQUEST DATED 02/11/19**  
**REQUEST 11**

**RESPONSIBLE PARTY: Mark Horn**

**Request 11.** a. For the last six months of the period under review, state if there have been any changes to EKPC'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 EKPC'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 11a-c.** EKPC updated its Fuel and Emissions Department Procurement Manual ("Manual") on October 18, 2018. During the department's annual review, changes were

made to the Fuel, Emissions, Limestone, and Lime Strategy (“Strategy”) as well as procurement procedures. The Strategy was updated for better reading ease and clarification. Language was inserted into existing procurement procedures relating to opportunities for improvement and further clarification. A copy of the Manual, which includes the procedures and Strategy, is provided on the attached CD, which is filed under seal and subject to a motion for confidential treatment filed contemporaneously herewith. The revised copy is on pages 3 through 124, and the redline copy is on pages 125 through 224 of the CD. Confidential treatment was granted for the previous version of this document as tendered in Case No. 2018-00019.

Written policies and procedures previously filed with the Commission are Administrative Policy No. A031, revised July 5, 2017; Board Policy No. 404, Transaction Authority Limits for Energy and Energy Related Commodities and Transportation, revised June 5, 2017; and Board Policy No. 405, Hedging, revised July 11, 2017. All of these policies were filed on March 2, 2018, in Case No. 2018-00019.



**EAST KENTUCKY POWER COOPERATIVE, INC.**  
**PSC CASE NO. 2019-00003**  
**FUEL ADJUSTMENT CLAUSE**  
**RESPONSE TO INFORMATION REQUEST**

**COMMISSION STAFF'S INFORMATION REQUEST DATED 02/11/19**  
**REQUEST 12**

**RESPONSIBLE PARTY: Julia J. Tucker**

**Request 12.** For the last six months of the period under review and for the years 2019 and 2020, list all firm power commitments for EKPC 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 (i.e., peaking, emergency).

**Response 12.** (a) Purchases

<u>Party</u>	<u>Commitment</u>	<u>Purpose</u>	<u>Date of Commitment</u>
SEPA	Up to 170 MW	Energy	07/01/1998-Indefinite*

*\*Contract is on-going until one party gives notice three years in advance of the date that it wishes to end the contract. No notices have been filed by either Party.*

(b) Sales

<u>Party</u>	<u>Commitment</u>	<u>Purpose</u>	<u>Date of Commitment</u>
LG&E/KU	165 MW	Capacity (Bluegrass 3)	12/29/2015-04/30/2019

**EAST KENTUCKY POWER COOPERATIVE, INC.  
PSC CASE NO. 2019-00003  
FUEL ADJUSTMENT CLAUSE  
RESPONSE TO INFORMATION REQUEST**

**COMMISSION STAFF'S INFORMATION REQUEST DATED 02/11/19**

**REQUEST 13**

**RESPONSIBLE PARTY: Michelle K. Carpenter**

**Request 13.** Provide a monthly billing summary of sales to all electric utilities for the last six months of the period under review.

**Response 13.** Please see pages 2 through 37 for sales to EKPC's Owner-Member Cooperatives (owner-members) and pages 38 through 43 for off-system sales for the period of May 1, 2018 through October 31, 2018.

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

2018

May

CO-OP Name/EKPC		KW	KWH	Base Mills/KWH	Fuel Charge	Fuel Mills/KWH	Surcharge	Surcharge Mills/KWH	Revenue
BIG SANDY RECC	Month	35,951	16,686,907	62.11	-32,206	60.18	145,512	68.90	1,149,743
	YTD	245,371	104,741,905	61.69	-33,485	61.37	819,815	69.20	7,248,231
BLUE GRASS ENERGY	Month	231,056	107,559,027	60.01	-207,585	58.08	904,791	66.49	7,151,481
	YTD	1,413,609	616,860,037	60.04	-202,473	59.71	4,673,521	67.29	41,506,308
CLARK ENERGY COOP	Month	74,892	32,989,126	63.31	-63,670	61.38	293,423	70.28	2,318,438
	YTD	486,639	203,664,639	62.42	-65,352	62.10	1,608,736	69.99	14,255,393
CUMBERLAND VALLEY ELECTRIC	Month	71,095	33,468,706	61.88	-64,595	59.95	290,729	68.64	2,297,146
	YTD	477,319	203,262,687	61.79	-69,745	61.45	1,591,988	69.28	14,082,329
FARMERS RECC	Month	87,342	41,794,015	60.48	-80,662	58.55	355,972	67.07	2,803,013
	YTD	513,501	228,380,277	60.49	-77,288	60.15	1,753,243	67.83	15,491,221
FLEMING MASON RECC	Month	154,336	81,474,487	52.70	-131,615	51.08	566,881	58.04	4,728,675
	YTD	870,084	425,319,076	53.90	-123,731	53.61	2,758,791	60.09	25,558,873
GRAYSON RECC	Month	42,924	19,574,226	62.16	-37,778	60.23	170,844	68.96	1,349,888
	YTD	258,264	116,009,849	60.97	-35,917	60.66	892,733	68.35	7,929,519
INTER-COUNTY ECC	Month	79,949	35,664,894	61.64	-68,723	59.71	308,590	68.37	2,438,276
	YTD	551,343	222,946,365	61.87	-66,223	61.57	1,746,300	69.40	15,473,397
JACKSON ENERGY COOP	Month	143,050	66,150,484	61.63	-127,599	59.70	572,265	68.35	4,521,662
	YTD	998,821	415,280,869	61.79	-131,607	61.47	3,251,898	69.30	28,779,165
LICKING VALLEY RECC	Month	40,498	18,672,836	62.27	-36,038	60.34	163,255	69.08	1,289,936
	YTD	259,879	115,760,550	61.19	-37,303	60.87	896,690	68.62	7,943,266
NOLIN RECC	Month	134,129	62,480,391	59.59	-120,588	57.66	521,640	66.00	4,123,989
	YTD	816,300	348,908,246	59.95	-106,850	59.64	2,642,064	67.22	23,452,048
OWEN EC	Month	386,105	201,424,060	51.36	-387,686	49.44	1,435,386	56.56	11,392,810
	YTD	1,963,675	1,012,556,896	50.81	-357,066	50.46	6,450,160	56.83	57,540,203
SALT RIVER RECC	Month	223,783	103,177,069	60.91	-199,130	58.98	881,693	67.53	6,967,181
	YTD	1,181,180	531,646,299	60.33	-179,958	59.99	4,054,780	67.61	35,947,119
SHELBY ENERGY COOP	Month	81,866	41,231,927	58.68	-79,574	56.75	339,041	64.97	2,678,866
	YTD	462,583	222,831,136	58.63	-68,868	58.32	1,640,562	65.68	14,635,274
SOUTH KENTUCKY RECC	Month	207,642	98,254,223	60.86	-189,630	58.93	838,999	67.47	6,629,203
	YTD	1,480,834	595,055,310	61.97	-198,267	61.63	4,673,414	69.49	41,349,275
TAYLOR COUNTY RECC	Month	92,902	44,935,502	56.12	-70,319	54.56	332,787	61.96	2,784,253
	YTD	591,072	257,670,576	57.34	-68,072	57.08	1,768,446	63.94	16,476,339
<b>CO-OP Subtotals</b>	Month	2,087,520	1,005,537,880	58.08	-1,897,398	56.19	8,121,808	64.27	64,624,560
	YTD	12,570,474	5,620,894,717	58.40	-1,822,205	58.08	41,223,141	65.41	367,667,960

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

2018

		May							
CO-OP Name/EKPC		KW	KWH	Base Mills/KWH	Fuel Charge	Fuel Mills/KWH	Surcharge	Surcharge Mills/KWH	Revenue
International Paper Steam	Month	30,631	18,098,705	48.82	-35,734	46.85	125,876	53.80	973,755
	YTD	168,537	96,750,641	49.53	-36,745	49.15	605,144	55.41	5,360,593
<b>Totals</b>	Month	2,118,151	1,023,636,585	57.91	-1,933,132	56.03	8,247,684	64.08	65,598,315
	YTD	12,739,011	5,717,645,358	58.25	-1,858,950	57.93	41,828,285	65.24	373,028,553
Burnside	Month	33	31,213	50.91	-60	48.99	222	56.10	1,751
	YTD	910	355,229	62.88	-62	62.71	2,791	70.57	25,067
East Ky Office	Month	782	535,720	54.13	-1,034	52.20	4,053	59.77	32,019
	YTD	5,337	3,042,341	56.44	-961	56.13	21,388	63.16	192,147
Smith Environmental Office	Month	75	53,686	53.63	-104	51.69	402	59.18	3,177
	YTD	476	280,171	55.99	-95	55.66	1,953	62.63	17,546
Dale Station	Month	24	21,114	51.53	-41	49.59	152	56.79	1,199
	YTD	265	187,207	53.72	-29	53.57	1,233	60.15	11,261
<b>EKPC Subtotals</b>	Month	914	641,733	53.85	-1,239	51.92	4,829	59.44	38,146
	YTD	6,988	3,864,948	56.87	-1,147	56.57	27,365	63.65	246,021
<b>Totals</b>	Month	2,119,065	1,024,278,318	57.91	-1,934,371	56.02	8,252,513	64.08	65,636,461
	YTD	12,745,999	5,721,510,306	58.25	-1,860,097	57.93	41,855,650	65.24	373,274,574

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

**May 2018**

CO-OP Name/EKPC		KWH	KWH Charge	Revenue
BIG SANDY RECC	Month	2,600	0.0250	65
	YTD	13,800		346
BLUE GRASS ENERGY	Month	19,200	0.0250	480
	YTD	96,700		2,418
CLARK ENERGY COOP	Month	3,100	0.0250	78
	YTD	15,500		390
CUMBERLAND VALLEY ELECTRIC	Month	1,000	0.0250	25
	YTD	5,800		145
FARMERS RECC	Month	1,400	0.0250	35
	YTD	7,000		175
FLEMING MASON RECC	Month	1,500	0.0250	38
	YTD	8,700		218
GRAYSON RECC	Month	4,600	0.0250	115
	YTD	23,000		575
INTER-COUNTY ECC	Month	37,300	0.0250	933
	YTD	186,500		4,665
JACKSON ENERGY COOP	Month	7,200	0.0250	180
	YTD	36,400		912
LICKING VALLEY RECC	Month	2,200	0.0250	55
	YTD	11,000		275
NOLIN RECC	Month	18,400	0.0250	460
	YTD	90,100		2,254
OWEN EC	Month	37,200	0.0250	930
	YTD	187,700		4,693
SALT RIVER RECC	Month	45,200	0.0250	1,130
	YTD	228,200		5,707
SHELBY ENERGY COOP	Month	9,800	0.0250	245
	YTD	50,800		1,270

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

**May 2018**

CO-OP Name/EKPC		KWH	KWH Charge	Revenue
SOUTH KENTUCKY RECC	Month	15,300	0.0250	383
	YTD	77,000		1,926
<b>EKPC Subtotals</b>	Month	206,000	0.0250	5,152
	YTD	1,038,200		25,969
<b>Totals</b>	Month	206,000	0.0250	5,152
	YTD	1,038,200		25,969

**EAST KENTUCKY POWER COOPERATIVE**  
**Wholesale Power Accounting**  
**Direct Load**

May 2018

CO-OP Name		KW	DLC Demand Charge	DLC Credit	DLC Demand Surcharge	Total Revenue
	Month	0	0	-1,590	-230	-1,820
BIG SANDY RECC	YTD	0	0	-7,950	-994	-8,944
	Month	0	0	-21,433	-3,106	-24,539
BLUE GRASS ENERGY	YTD	0	0	-107,311	-13,413	-120,724
	Month	0	0	-1,685	-244	-1,929
CLARK ENERGY COOP	YTD	0	0	-8,445	-1,056	-9,501
	Month	0	0	-2,855	-414	-3,269
CUMBERLAND VALLEY ELECTRIC	YTD	0	0	-14,275	-1,784	-16,059
	Month	0	0	-5,133	-744	-5,877
FARMERS RECC	YTD	0	0	-25,662	-3,207	-28,869
	Month	0	0	-2,868	-416	-3,284
FLEMING MASON RECC	YTD	0	0	-14,354	-1,794	-16,148
	Month	0	0	-1,995	-289	-2,284
GRAYSON RECC	YTD	0	0	-9,979	-1,247	-11,226
	Month	0	0	-5,616	-814	-6,430
INTER-COUNTY ECC	YTD	0	0	-28,257	-3,532	-31,789
	Month	0	0	-2,356	-341	-2,697
JACKSON ENERGY COOP	YTD	0	0	-11,786	-1,474	-13,260
	Month	0	0	-1,269	-184	-1,453
LICKING VALLEY RECC	YTD	0	0	-6,345	-793	-7,138
	Month	0	0	0	0	0
NOLIN RECC	YTD	0	0	0	0	0
	Month	0	0	-11,372	-1,648	-13,020
OWEN EC	YTD	0	0	-57,052	-7,128	-64,180
	Month	0	0	-7,105	-1,030	-8,135
SALT RIVER RECC	YTD	0	0	-35,661	-4,458	-40,119
	Month	0	0	-3,688	-534	-4,222
SHELBY ENERGY COOP	YTD	0	0	-18,442	-2,304	-20,746
	Month	0	0	-11,243	-1,629	-12,872
SOUTH KENTUCKY RECC	YTD	0	0	-57,149	-7,142	-64,291
	Month	0	0	-1,282	-186	-1,468

EAST KENTUCKY POWER COOPERATIVE  
Wholesale Power Accounting  
Direct Load

May 2018

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CO-OP Name		KW	DLC Demand Charge	DLC Credit	DLC Demand Surcharge	Total Revenue
TAYLOR COUNTY RECC	YTD	0	0	-6,431	-804	-7,235
	Month	0	0	-81,490	-11,809	-93,299
<b>Totals:</b>	YTD	0	0	-409,099	-51,130	-460,229

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

2018

June

CO-OP Name/EKPC		KW	KWH	Base Mills/KWH	Fuel Charge	Fuel Mills/KWH	Surcharge	Surcharge Mills/KWH	Revenue
BIG SANDY RECC	Month	43,386	17,869,770	63.77	-16,798	62.83	177,840	72.78	1,300,567
	YTD	288,757	122,611,675	62.00	-50,283	61.59	997,655	69.72	8,548,798
BLUE GRASS ENERGY	Month	255,555	117,120,145	60.23	-110,095	59.29	1,099,712	68.68	8,043,267
	YTD	1,669,164	733,980,182	60.07	-312,568	59.64	5,773,233	67.51	49,549,575
CLARK ENERGY COOP	Month	78,962	36,016,899	62.76	-33,855	61.82	352,713	71.62	2,579,452
	YTD	565,601	239,681,538	62.47	-99,207	62.05	1,961,449	70.24	16,834,845
CUMBERLAND VALLEY ELECTRIC	Month	82,396	36,492,385	62.68	-34,302	61.74	356,883	71.52	2,609,942
	YTD	559,715	239,755,072	61.93	-104,047	61.49	1,948,871	69.62	16,692,271
FARMERS RECC	Month	96,070	46,778,297	60.21	-43,971	59.27	441,103	68.70	3,213,487
	YTD	609,571	275,158,574	60.44	-121,259	60.00	2,194,346	67.98	18,704,708
FLEMING MASON RECC	Month	164,915	81,803,682	53.30	-64,912	52.51	649,179	60.44	4,944,491
	YTD	1,034,999	507,122,758	53.80	-188,643	53.43	3,407,970	60.15	30,503,364
GRAYSON RECC	Month	49,982	21,059,385	63.22	-19,797	62.28	207,755	72.15	1,519,334
	YTD	308,246	137,069,234	61.31	-55,714	60.91	1,100,488	68.93	9,448,853
INTER-COUNTY ECC	Month	89,148	39,491,794	61.85	-37,098	60.91	381,023	70.56	2,786,474
	YTD	640,491	262,438,159	61.87	-103,321	61.47	2,127,323	69.58	18,259,871
JACKSON ENERGY COOP	Month	159,954	72,142,454	61.97	-67,774	61.04	697,471	70.70	5,100,707
	YTD	1,158,775	487,423,323	61.81	-199,381	61.41	3,949,369	69.51	33,879,872
LICKING VALLEY RECC	Month	44,455	20,124,504	62.52	-18,918	61.58	196,291	71.33	1,435,499
	YTD	304,334	135,885,054	61.39	-56,221	60.98	1,092,981	69.02	9,378,765
NOLIN RECC	Month	142,172	67,146,433	59.69	-63,116	58.75	624,286	68.04	4,568,966
	YTD	958,472	416,054,679	59.91	-169,966	59.50	3,266,350	67.35	28,021,014
OWEN EC	Month	423,800	202,852,636	52.52	-190,073	51.58	1,656,209	59.74	12,118,969
	YTD	2,387,475	1,215,409,532	51.09	-547,139	50.64	8,106,369	57.31	69,659,172
SALT RIVER RECC	Month	226,185	112,228,883	60.00	-105,494	59.06	1,049,946	68.42	7,678,669
	YTD	1,407,365	643,875,182	60.27	-285,452	59.83	5,104,726	67.76	43,625,788
SHELBY ENERGY COOP	Month	91,451	42,928,076	59.77	-40,352	58.83	400,055	68.15	2,925,638
	YTD	554,034	265,759,212	58.81	-109,220	58.40	2,040,617	66.08	17,560,912
SOUTH KENTUCKY RECC	Month	234,891	108,087,265	61.25	-101,604	60.31	1,032,496	69.86	7,550,762
	YTD	1,715,725	703,142,575	61.86	-299,871	61.43	5,705,910	69.54	48,900,037
TAYLOR COUNTY RECC	Month	98,743	49,157,804	56.63	-38,741	55.85	412,146	64.23	3,157,377
	YTD	689,815	306,828,380	57.23	-106,813	56.88	2,180,592	63.99	19,633,716
<b>CO-OP Subtotals</b>	Month	2,282,065	1,071,300,412	58.61	-986,900	57.69	9,735,108	66.77	71,533,601
	YTD	14,852,539	6,692,195,129	58.43	-2,809,105	58.01	50,958,249	65.63	439,201,561

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

**2018**

**June**

CO-OP Name/EKPC		KW	KWH	Base Mills/KWH	Fuel Charge	Fuel Mills/KWH	Surcharge	Surcharge Mills/KWH	Revenue
International Paper Steam	Month	34,675	17,219,435	50.41	-16,542	49.45	138,184	57.48	989,725
	YTD	203,212	113,970,076	49.66	-53,287	49.20	743,328	55.72	6,350,318
<b>Totals</b>	Month	2,316,740	1,088,519,847	58.48	-1,003,442	57.56	9,873,292	66.63	72,523,326
	YTD	15,055,751	6,806,165,205	58.29	-2,862,392	57.87	51,701,577	65.46	445,551,879
Burnside	Month	48	30,080	55.22	-28	54.29	259	62.90	1,892
	YTD	958	385,309	62.29	-90	62.05	3,050	69.97	26,959
East Ky Office	Month	834	526,193	55.13	-495	54.19	4,518	62.78	33,033
	YTD	6,171	3,568,534	56.25	-1,456	55.84	25,906	63.10	225,180
Smith Environmental Office	Month	69	49,880	53.51	-47	52.57	415	60.89	3,037
	YTD	545	330,051	55.62	-142	55.19	2,368	62.36	20,583
Dale Station	Month	0	0		0		0		0
	YTD	265	187,207	53.72	-29	53.57	1,233	60.15	11,261
<b>EKPC Subtotals</b>	Month	951	606,153	55.00	-570	54.06	5,192	62.63	37,962
	YTD	7,939	4,471,101	56.62	-1,717	56.23	32,557	63.52	283,983
<b>Totals</b>	Month	2,317,691	1,089,126,000	58.48	-1,004,012	57.55	9,878,484	66.62	72,561,288
	YTD	15,063,690	6,810,636,306	58.29	-2,864,109	57.87	51,734,134	65.46	445,835,862

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

June 2018

CO-OP Name/EKPC		KWH	KWH Charge	Revenue
BIG SANDY RECC	Month	2,400	0.0250	60
	YTD	16,200		406
BLUE GRASS ENERGY	Month	17,200	0.0250	430
	YTD	113,900		2,848
CLARK ENERGY COOP	Month	3,100	0.0250	78
	YTD	18,600		468
CUMBERLAND VALLEY ELECTRIC	Month	1,200	0.0250	30
	YTD	7,000		175
FARMERS RECC	Month	1,400	0.0250	35
	YTD	8,400		210
FLEMING MASON RECC	Month	1,500	0.0250	38
	YTD	10,200		256
GRAYSON RECC	Month	4,600	0.0250	115
	YTD	27,600		690
INTER-COUNTY ECC	Month	37,300	0.0250	933
	YTD	223,800		5,598
JACKSON ENERGY COOP	Month	7,300	0.0250	183
	YTD	43,700		1,095
LICKING VALLEY RECC	Month	2,200	0.0250	55
	YTD	13,200		330
NOLIN RECC	Month	18,300	0.0250	458
	YTD	108,400		2,712
OWEN EC	Month	36,900	0.0250	923
	YTD	224,600		5,616
SALT RIVER RECC	Month	45,200	0.0250	1,130
	YTD	273,400		6,837
SHELBY ENERGY COOP	Month	9,800	0.0250	245
	YTD	60,600		1,515

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

**June 2018**

CO-OP Name/EKPC		KWH	KWH Charge	Revenue
SOUTH KENTUCKY RECC	Month	15,200	0.0250	380
	YTD	92,200		2,306
<b>EKPC Subtotals</b>	Month	203,600	0.0250	5,093
	YTD	1,241,800		31,062
<b>Totals</b>	Month	203,600	0.0250	5,093
	YTD	1,241,800		31,062

**EAST KENTUCKY POWER COOPERATIVE**  
**Wholesale Power Accounting**  
**Direct Load**

June 2018

CO-OP Name		KW	DLC Demand Charge	DLC Credit	DLC Demand Surcharge	Total Revenue
	Month	0	0	-1,590	-252	-1,842
BIG SANDY RECC	YTD	0	0	-9,540	-1,246	-10,786
	Month	0	0	-21,433	-3,395	-24,828
BLUE GRASS ENERGY	YTD	0	0	-128,744	-16,808	-145,552
	Month	0	0	-1,685	-267	-1,952
CLARK ENERGY COOP	YTD	0	0	-10,130	-1,323	-11,453
	Month	0	0	-2,853	-452	-3,305
CUMBERLAND VALLEY ELECTRIC	YTD	0	0	-17,128	-2,236	-19,364
	Month	0	0	-5,131	-813	-5,944
FARMERS RECC	YTD	0	0	-30,793	-4,020	-34,813
	Month	0	0	-2,868	-454	-3,322
FLEMING MASON RECC	YTD	0	0	-17,222	-2,248	-19,470
	Month	0	0	-1,995	-316	-2,311
GRAYSON RECC	YTD	0	0	-11,974	-1,563	-13,537
	Month	0	0	-5,617	-890	-6,507
INTER-COUNTY ECC	YTD	0	0	-33,874	-4,422	-38,296
	Month	0	0	-2,349	-372	-2,721
JACKSON ENERGY COOP	YTD	0	0	-14,135	-1,846	-15,981
	Month	0	0	-1,269	-201	-1,470
LICKING VALLEY RECC	YTD	0	0	-7,614	-994	-8,608
	Month	0	0	0	0	0
NOLIN RECC	YTD	0	0	0	0	0
	Month	0	0	-11,314	-1,792	-13,106
OWEN EC	YTD	0	0	-68,366	-8,920	-77,286
	Month	0	0	-7,098	-1,124	-8,222
SALT RIVER RECC	YTD	0	0	-42,759	-5,582	-48,341
	Month	0	0	-3,688	-584	-4,272
SHELBY ENERGY COOP	YTD	0	0	-22,130	-2,888	-25,018
	Month	0	0	-11,193	-1,773	-12,966
SOUTH KENTUCKY RECC	YTD	0	0	-68,342	-8,915	-77,257
	Month	0	0	-1,282	-203	-1,485

**EAST KENTUCKY POWER COOPERATIVE**  
**Wholesale Power Accounting**  
**Direct Load**

June 2018

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<b>CO-OP Name</b>		<b>KW</b>	<b>DLC Demand Charge</b>	<b>DLC Credit</b>	<b>DLC Demand Surcharge</b>	<b>Total Revenue</b>
TAYLOR COUNTY RECC	YTD	0	0	-7,713	-1,007	-8,720
	Month	0	0	-81,365	-12,888	-94,253
<b>Totals:</b>	YTD	0	0	-490,464	-64,018	-554,482

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

**2018**

**July**

CO-OP Name/EKPC		KW	KWH	Base Mills/KWH	Fuel Charge	Fuel Mills/KWH	Surcharge	Surcharge Mills/KWH	Revenue
BIG SANDY RECC	Month	45,662	19,758,265	62.95	-134,357	56.15	172,945	64.90	1,282,275
	YTD	334,419	142,369,940	62.13	-184,640	60.83	1,170,600	69.05	9,831,073
BLUE GRASS ENERGY	Month	260,714	122,591,119	60.04	-833,621	53.24	1,017,484	61.54	7,543,989
	YTD	1,929,878	856,571,301	60.06	-1,146,189	58.73	6,790,717	66.65	57,093,564
CLARK ENERGY COOP	Month	90,885	39,039,136	63.45	-265,467	56.65	344,806	65.49	2,556,524
	YTD	656,486	278,720,674	62.61	-364,674	61.30	2,306,255	69.57	19,391,369
CUMBERLAND VALLEY ELECTRIC	Month	84,632	39,720,018	61.83	-270,095	55.03	340,747	63.61	2,526,428
	YTD	644,347	279,475,090	61.91	-374,142	60.57	2,289,618	68.77	19,218,699
FARMERS RECC	Month	101,746	49,296,189	60.35	-335,213	53.55	413,520	61.94	3,053,216
	YTD	711,317	324,454,763	60.43	-456,472	59.02	2,607,866	67.06	21,757,924
FLEMING MASON RECC	Month	161,405	81,820,114	53.52	-455,499	47.96	573,160	54.96	4,497,028
	YTD	1,196,404	588,942,872	53.76	-644,142	52.67	3,981,130	59.43	35,000,392
GRAYSON RECC	Month	53,791	23,303,579	62.68	-158,466	55.88	203,026	64.60	1,505,303
	YTD	362,037	160,372,813	61.51	-214,180	60.18	1,303,514	68.30	10,954,156
INTER-COUNTY ECC	Month	98,397	41,897,840	62.22	-282,685	55.48	362,361	64.12	2,686,687
	YTD	738,888	304,335,999	61.91	-386,006	60.65	2,489,684	68.83	20,946,558
JACKSON ENERGY COOP	Month	176,006	78,950,639	61.97	-536,597	55.17	679,094	63.77	5,035,060
	YTD	1,334,781	566,373,962	61.84	-735,978	60.54	4,628,463	68.71	38,914,932
LICKING VALLEY RECC	Month	52,026	22,119,932	63.27	-150,416	56.47	194,746	65.28	1,443,915
	YTD	356,360	158,004,986	61.65	-206,637	60.35	1,287,727	68.50	10,822,680
NOLIN RECC	Month	151,962	72,006,686	59.58	-489,649	52.78	592,489	61.01	4,392,928
	YTD	1,110,434	488,061,365	59.86	-659,615	58.51	3,858,839	66.41	32,413,942
OWEN EC	Month	420,575	216,676,363	51.61	-1,473,401	44.81	1,519,121	51.82	11,228,336
	YTD	2,808,050	1,432,085,895	51.17	-2,020,540	49.76	9,625,490	56.48	80,887,508
SALT RIVER RECC	Month	247,834	119,452,888	60.40	-812,278	53.60	998,142	61.95	7,400,589
	YTD	1,655,199	763,328,070	60.29	-1,097,730	58.85	6,102,868	66.85	51,026,377
SHELBY ENERGY COOP	Month	93,515	44,000,090	59.87	-299,199	53.07	364,012	61.34	2,698,921
	YTD	647,549	309,759,302	58.96	-408,419	57.64	2,404,629	65.41	20,259,833
SOUTH KENTUCKY RECC	Month	251,928	117,527,303	61.03	-799,187	54.23	993,609	62.68	7,367,005
	YTD	1,967,653	820,669,878	61.74	-1,099,058	60.40	6,699,519	68.56	56,267,042
TAYLOR COUNTY RECC	Month	110,390	53,332,441	56.57	-300,623	50.94	400,353	58.44	3,116,897
	YTD	800,205	360,160,821	57.13	-407,436	56.00	2,580,945	63.17	22,750,613
<b>CO-OP Subtotals</b>	Month	2,401,468	1,141,492,602	58.49	-7,596,753	51.83	9,169,615	59.86	68,335,101
	YTD	17,254,007	7,833,687,731	58.44	-10,405,858	57.11	60,127,864	64.79	507,536,662

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

2018

July

CO-OP Name/EKPC		KW	KWH	Base Mills/KWH	Fuel Charge	Fuel Mills/KWH	Surcharge	Surcharge Mills/KWH	Revenue
International Paper Steam	Month	34,654	12,082,857	53.91	-83,478	47.01	91,792	54.60	659,749
	YTD	237,866	126,052,933	50.07	-136,765	48.99	835,120	55.61	7,010,067
<b>Totals</b>	Month	2,436,122	1,153,575,459	58.44	-7,680,231	51.78	9,261,407	59.81	68,994,850
	YTD	17,491,873	7,959,740,664	58.31	-10,542,623	56.98	60,962,984	64.64	514,546,729
Burnside	Month	49	32,435	54.54	-221	47.73	241	55.16	1,789
	YTD	1,007	417,744	61.68	-311	60.94	3,291	68.82	28,748
East Ky Office	Month	695	551,186	52.54	-3,748	45.74	3,930	52.88	29,144
	YTD	6,866	4,119,720	55.75	-5,204	54.49	29,836	61.73	254,324
Smith Environmental Office	Month	78	51,212	54.62	-348	47.82	382	55.28	2,831
	YTD	623	381,263	55.48	-490	54.20	2,750	61.41	23,414
Dale Station	Month	0	0		0		0		0
	YTD	265	187,207	53.72	-29	53.57	1,233	60.15	11,261
<b>EKPC Subtotals</b>	Month	822	634,833	52.81	-4,317	46.01	4,553	53.19	33,764
	YTD	8,761	5,105,934	56.14	-6,034	54.96	37,110	62.23	317,747
<b>Totals</b>	Month	2,436,944	1,154,210,292	58.44	-7,684,548	51.78	9,265,960	59.81	69,028,614
	YTD	17,500,634	7,964,846,598	58.31	-10,548,657	56.98	61,000,094	64.64	514,864,476



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

July 2018

CO-OP Name/EKPC		KWH	KWH Charge	Revenue
BIG SANDY RECC	Month	2,400	0.0250	60
	YTD	18,600		466
BLUE GRASS ENERGY	Month	19,100	0.0250	478
	YTD	133,000		3,326
CLARK ENERGY COOP	Month	3,000	0.0250	75
	YTD	21,600		543
CUMBERLAND VALLEY ELECTRIC	Month	1,200	0.0250	30
	YTD	8,200		205
FARMERS RECC	Month	1,400	0.0250	35
	YTD	9,800		245
FLEMING MASON RECC	Month	1,500	0.0250	38
	YTD	11,700		294
GRAYSON RECC	Month	4,600	0.0250	115
	YTD	32,200		805
INTER-COUNTY ECC	Month	37,300	0.0250	933
	YTD	261,100		6,531
JACKSON ENERGY COOP	Month	7,100	0.0250	178
	YTD	50,800		1,273
LICKING VALLEY RECC	Month	2,200	0.0250	55
	YTD	15,400		385
NOLIN RECC	Month	18,400	0.0250	460
	YTD	126,800		3,172
OWEN EC	Month	36,900	0.0250	923
	YTD	261,500		6,539
SALT RIVER RECC	Month	45,200	0.0250	1,130
	YTD	318,600		7,967

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

**July 2018**

CO-OP Name/EKPC		KWH	KWH Charge	Revenue
SHELBY ENERGY COOP	Month	9,800	0.0250	245
	YTD	70,400		1,760
SOUTH KENTUCKY RECC	Month	15,200	0.0250	380
	YTD	107,400		2,686
<b>EKPC Subtotals</b>	Month	205,300	0.0250	5,135
	YTD	1,447,100		36,197
<b>Totals</b>	Month	205,300	0.0250	5,135
	YTD	1,447,100		36,197

**EAST KENTUCKY POWER COOPERATIVE**  
**Wholesale Power Accounting**  
**Direct Load**

July 2018

CO-OP Name		KW	DLC Demand Charge	DLC Credit	DLC Demand Surcharge	Total Revenue
	Month	0	0	-1,590	-248	-1,838
BIG SANDY RECC	YTD	0	0	-11,130	-1,494	-12,624
	Month	0	0	-21,417	-3,339	-24,756
BLUE GRASS ENERGY	YTD	0	0	-150,161	-20,147	-170,308
	Month	0	0	-1,683	-262	-1,945
CLARK ENERGY COOP	YTD	0	0	-11,813	-1,585	-13,398
	Month	0	0	-2,853	-445	-3,298
CUMBERLAND VALLEY ELECTRIC	YTD	0	0	-19,981	-2,681	-22,662
	Month	0	0	-5,131	-800	-5,931
FARMERS RECC	YTD	0	0	-35,924	-4,820	-40,744
	Month	0	0	-2,868	-447	-3,315
FLEMING MASON RECC	YTD	0	0	-20,090	-2,695	-22,785
	Month	0	0	-1,981	-309	-2,290
GRAYSON RECC	YTD	0	0	-13,955	-1,872	-15,827
	Month	0	0	-5,617	-876	-6,493
INTER-COUNTY ECC	YTD	0	0	-39,491	-5,298	-44,789
	Month	0	0	-2,342	-365	-2,707
JACKSON ENERGY COOP	YTD	0	0	-16,477	-2,211	-18,688
	Month	0	0	-1,269	-198	-1,467
LICKING VALLEY RECC	YTD	0	0	-8,883	-1,192	-10,075
	Month	0	0	0	0	0
NOLIN RECC	YTD	0	0	0	0	0
	Month	0	0	-11,275	-1,758	-13,033
OWEN EC	YTD	0	0	-79,641	-10,678	-90,319
	Month	0	0	-7,069	-1,102	-8,171
SALT RIVER RECC	YTD	0	0	-49,828	-6,684	-56,512
	Month	0	0	-3,683	-574	-4,257
SHELBY ENERGY COOP	YTD	0	0	-25,813	-3,462	-29,275
	Month	0	0	-11,159	-1,740	-12,899
SOUTH KENTUCKY RECC	YTD	0	0	-79,501	-10,655	-90,156
	Month	0	0	-1,282	-200	-1,482

EAST KENTUCKY POWER COOPERATIVE  
Wholesale Power Accounting  
Direct Load

July 2018

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CO-OP Name		KW	DLC Demand Charge	DLC Credit	DLC Demand Surcharge	Total Revenue
TAYLOR COUNTY RECC	YTD	0	0	-8,995	-1,207	-10,202
	Month	0	0	-81,219	-12,663	-93,882
<b>Totals:</b>	YTD	0	0	-571,683	-76,681	-648,364

## EAST KENTUCKY POWER COOPERATIVE INC.

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

2018

August

CO-OP Name/EKPC		KW	KWH	Base Mills/KWH	Fuel Charge	Fuel Mills/KWH	Surcharge	Surcharge Mills/KWH	Revenue
BIG SANDY RECC	Month	41,231	18,721,762	62.30	-110,458	56.40	149,609	64.39	1,205,425
	YTD	375,650	161,091,702	62.15	-295,098	60.32	1,320,209	68.51	11,036,498
BLUE GRASS ENERGY	Month	247,837	122,406,663	59.24	-722,199	53.34	925,100	60.89	7,453,673
	YTD	2,177,715	978,977,964	59.96	-1,868,388	58.05	7,715,817	65.93	64,547,237
CLARK ENERGY COOP	Month	81,176	37,784,570	62.40	-222,927	56.50	302,518	64.51	2,437,449
	YTD	737,662	316,505,244	62.58	-587,601	60.73	2,608,773	68.97	21,828,818
CUMBERLAND VALLEY ELECTRIC	Month	78,970	37,332,893	61.75	-220,265	55.85	295,468	63.77	2,380,634
	YTD	723,317	316,807,983	61.89	-594,407	60.02	2,585,086	68.18	21,599,333
FARMERS RECC	Month	96,511	47,638,410	59.97	-281,065	54.07	366,821	61.77	2,942,763
	YTD	807,828	372,093,173	60.37	-737,537	58.39	2,974,687	66.38	24,700,687
FLEMING MASON RECC	Month	160,083	77,367,354	51.55	-329,202	47.29	485,468	53.57	4,144,306
	YTD	1,356,487	666,310,226	53.51	-973,344	52.04	4,466,598	58.75	39,144,698
GRAYSON RECC	Month	48,816	22,466,204	61.87	-132,550	55.97	178,174	63.90	1,435,573
	YTD	410,853	182,839,017	61.56	-346,730	59.66	1,481,688	67.76	12,389,729
INTER-COUNTY ECC	Month	87,141	40,341,540	61.03	-236,433	55.17	315,363	62.99	2,540,935
	YTD	826,029	344,677,539	61.81	-622,439	60.01	2,805,047	68.14	23,487,493
JACKSON ENERGY COOP	Month	159,087	75,398,528	61.23	-444,855	55.33	591,122	63.17	4,762,768
	YTD	1,493,868	641,772,490	61.76	-1,180,833	59.92	5,219,585	68.06	43,677,700
LICKING VALLEY RECC	Month	46,048	21,239,428	62.17	-125,312	56.27	169,355	64.25	1,364,531
	YTD	402,408	179,244,414	61.72	-331,949	59.86	1,457,082	67.99	12,187,211
NOLIN RECC	Month	141,552	69,755,217	58.99	-411,558	53.09	524,709	60.61	4,227,667
	YTD	1,251,986	557,816,582	59.75	-1,071,173	57.83	4,383,548	65.69	36,641,609
OWEN EC	Month	415,583	213,541,906	51.60	-1,262,064	45.69	1,386,256	52.18	11,142,507
	YTD	3,223,633	1,645,627,801	51.23	-3,282,604	49.23	11,011,746	55.92	92,030,015
SALT RIVER RECC	Month	237,481	116,583,977	60.18	-687,843	54.28	896,687	61.97	7,224,747
	YTD	1,892,680	879,912,047	60.28	-1,785,573	58.25	6,999,555	66.20	58,251,124
SHELBY ENERGY COOP	Month	88,686	45,342,919	58.59	-267,522	52.69	338,543	60.16	2,727,679
	YTD	736,235	355,102,221	58.91	-675,941	57.01	2,743,172	64.73	22,987,512
SOUTH KENTUCKY RECC	Month	228,714	112,091,104	60.36	-661,337	54.46	864,932	62.17	6,968,905
	YTD	2,196,367	932,760,982	61.57	-1,760,395	59.68	7,564,451	67.79	63,235,947
TAYLOR COUNTY RECC	Month	101,210	51,433,086	55.76	-249,641	50.91	348,733	57.69	2,967,154
	YTD	901,415	411,593,907	56.96	-657,077	55.37	2,929,678	62.48	25,717,767
<b>CO-OP Subtotals</b>	Month	2,260,126	1,109,445,561	57.82	-6,365,231	52.09	8,138,858	59.42	65,926,716
	YTD	19,514,133	8,943,133,292	58.37	-16,771,089	56.49	68,266,722	64.12	573,463,378

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

2018

		August							
CO-OP Name/EKPC		KW	KWH	Base Mills/KWH	Fuel Charge	Fuel Mills/KWH	Surcharge	Surcharge Mills/KWH	Revenue
International Paper Steam	Month	29,323	2,711,298	90.09	-16,205	84.11	35,266	97.12	263,310
	YTD	267,189	128,764,231	50.91	-152,970	49.73	870,386	56.49	7,273,377
<b>Totals</b>	Month	2,289,449	1,112,156,859	57.90	-6,381,436	52.17	8,174,124	59.52	66,190,026
	YTD	19,781,322	9,071,897,523	58.26	-16,924,059	56.39	69,137,108	64.01	580,736,755
Burnside	Month	42	31,098	53.28	-183	47.40	209	54.12	1,683
	YTD	1,049	448,842	61.10	-494	60.00	3,500	67.80	30,431
East Ky Office	Month	818	563,894	54.06	-3,326	48.16	3,848	54.99	31,006
	YTD	7,684	4,683,614	55.55	-8,530	53.73	33,684	60.92	285,330
Smith Environmental Office	Month	66	52,098	52.59	-307	46.70	345	53.32	2,778
	YTD	689	433,361	55.14	-797	53.30	3,095	60.44	26,192
Dale Station	Month	0	0		0		0		0
	YTD	265	187,207	53.72	-29	53.57	1,233	60.15	11,261
<b>EKPC Subtotals</b>	Month	926	647,090	53.90	-3,816	48.01	4,402	54.81	35,467
	YTD	9,687	5,753,024	55.89	-9,850	54.18	41,512	61.40	353,214
<b>Totals</b>	Month	2,290,375	1,112,803,949	57.90	-6,385,252	52.16	8,178,526	59.51	66,225,493
	YTD	19,791,009	9,077,650,547	58.26	-16,933,909	56.39	69,178,620	64.01	581,089,969

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

August 2018

CO-OP Name/EKPC		KWH	KWH Charge	Revenue
BIG SANDY RECC	Month	2,400	0.0250	60
	YTD	21,000		526
BLUE GRASS ENERGY	Month	19,000	0.0250	475
	YTD	152,000		3,801
CLARK ENERGY COOP	Month	3,000	0.0250	75
	YTD	24,600		618
CUMBERLAND VALLEY ELECTRIC	Month	1,200	0.0250	30
	YTD	9,400		235
FARMERS RECC	Month	1,400	0.0250	35
	YTD	11,200		280
FLEMING MASON RECC	Month	1,500	0.0250	38
	YTD	13,200		332
GRAYSON RECC	Month	4,600	0.0250	115
	YTD	36,800		920
INTER-COUNTY ECC	Month	37,300	0.0250	933
	YTD	298,400		7,464
JACKSON ENERGY COOP	Month	7,100	0.0250	178
	YTD	57,900		1,451
LICKING VALLEY RECC	Month	2,200	0.0250	55
	YTD	17,600		440
NOLIN RECC	Month	18,400	0.0250	460
	YTD	145,200		3,632
OWEN EC	Month	36,800	0.0250	920
	YTD	298,300		7,459
SALT RIVER RECC	Month	45,100	0.0250	1,128
	YTD	363,700		9,095

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

**August 2018**

CO-OP Name/EKPC		KWH	KWH Charge	Revenue
SHELBY ENERGY COOP	Month	9,300	0.0250	233
	YTD	79,700		1,993
SOUTH KENTUCKY RECC	Month	15,200	0.0250	380
	YTD	122,600		3,066
<b>EKPC Subtotals</b>	Month	204,500	0.0250	5,115
	YTD	1,651,600		41,312
<b>Totals</b>	Month	204,500	0.0250	5,115
	YTD	1,651,600		41,312



**EAST KENTUCKY POWER COOPERATIVE**  
**Wholesale Power Accounting**  
**Direct Load**

August 2018

CO-OP Name		KW	DLC Demand Charge	DLC Credit	DLC Demand Surcharge	Total Revenue
	Month	0	0	-1,574	-223	-1,797
BIG SANDY RECC	YTD	0	0	-12,704	-1,717	-14,421
	Month	0	0	-21,404	-3,033	-24,437
BLUE GRASS ENERGY	YTD	0	0	-171,565	-23,180	-194,745
	Month	0	0	-1,681	-238	-1,919
CLARK ENERGY COOP	YTD	0	0	-13,494	-1,823	-15,317
	Month	0	0	-2,852	-404	-3,256
CUMBERLAND VALLEY ELECTRIC	YTD	0	0	-22,833	-3,085	-25,918
	Month	0	0	-5,128	-727	-5,855
FARMERS RECC	YTD	0	0	-41,052	-5,547	-46,599
	Month	0	0	-2,868	-406	-3,274
FLEMING MASON RECC	YTD	0	0	-22,958	-3,101	-26,059
	Month	0	0	-1,979	-280	-2,259
GRAYSON RECC	YTD	0	0	-15,934	-2,152	-18,086
	Month	0	0	-5,628	-797	-6,425
INTER-COUNTY ECC	YTD	0	0	-45,119	-6,095	-51,214
	Month	0	0	-2,338	-331	-2,669
JACKSON ENERGY COOP	YTD	0	0	-18,815	-2,542	-21,357
	Month	0	0	-1,269	-180	-1,449
LICKING VALLEY RECC	YTD	0	0	-10,152	-1,372	-11,524
	Month	0	0	0	0	0
NOLIN RECC	YTD	0	0	0	0	0
	Month	0	0	-11,196	-1,586	-12,782
OWEN EC	YTD	0	0	-90,837	-12,264	-103,101
	Month	0	0	-6,968	-987	-7,955
SALT RIVER RECC	YTD	0	0	-56,796	-7,671	-64,467
	Month	0	0	-3,672	-520	-4,192
SHELBY ENERGY COOP	YTD	0	0	-29,485	-3,982	-33,467
	Month	0	0	-11,122	-1,576	-12,698
SOUTH KENTUCKY RECC	YTD	0	0	-90,623	-12,231	-102,854
	Month	0	0	-1,282	-182	-1,464

EAST KENTUCKY POWER COOPERATIVE  
Wholesale Power Accounting  
Direct Load

August 2018

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CO-OP Name		KW	DLC Demand Charge	DLC Credit	DLC Demand Surcharge	Total Revenue
TAYLOR COUNTY RECC	YTD	0	0	-10,277	-1,389	-11,666
	Month	0	0	-80,961	-11,470	-92,431
<b>Totals:</b>	YTD	0	0	-652,644	-88,151	-740,795

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

**2018**

**September**

CO-OP Name/EKPC		KW	KWH	Base Mills/KWH	Fuel Charge	Fuel Mills/KWH	Surcharge	Surcharge Mills/KWH	Revenue
BIG SANDY RECC	Month	41,122	16,811,297	63.82	-91,117	58.40	149,134	67.27	1,130,924
	YTD	416,772	177,902,999	62.31	-386,215	60.13	1,469,343	68.39	12,167,422
BLUE GRASS ENERGY	Month	260,706	108,352,671	61.52	-587,273	56.10	923,400	64.63	7,002,395
	YTD	2,438,421	1,087,330,635	60.12	-2,455,661	57.86	8,639,217	65.80	71,549,632
CLARK ENERGY COOP	Month	84,243	33,063,720	64.95	-179,206	59.53	299,005	68.58	2,267,432
	YTD	821,905	349,568,964	62.81	-766,807	60.61	2,907,778	68.93	24,096,250
CUMBERLAND VALLEY ELECTRIC	Month	79,513	34,565,973	62.94	-187,348	57.52	302,014	66.26	2,290,266
	YTD	802,830	351,373,956	62.00	-781,755	59.77	2,887,100	67.99	23,889,599
FARMERS RECC	Month	95,259	41,452,483	61.71	-224,672	56.29	356,344	64.89	2,689,898
	YTD	903,087	413,545,656	60.51	-962,209	58.18	3,331,031	66.23	27,390,585
FLEMING MASON RECC	Month	161,689	79,959,804	53.54	-364,484	48.98	564,174	56.03	4,480,501
	YTD	1,518,176	746,270,030	53.51	-1,337,828	51.72	5,030,772	58.46	43,625,199
GRAYSON RECC	Month	49,991	19,714,881	64.22	-106,855	58.80	176,078	67.73	1,335,244
	YTD	460,844	202,553,898	61.81	-453,585	59.58	1,657,766	67.76	13,724,973
INTER-COUNTY ECC	Month	92,118	35,520,969	63.87	-192,108	58.46	315,429	67.34	2,391,991
	YTD	918,147	380,198,508	62.00	-814,547	59.86	3,120,476	68.07	25,879,484
JACKSON ENERGY COOP	Month	160,934	68,810,790	62.66	-372,771	57.24	598,279	65.93	4,536,907
	YTD	1,654,802	710,583,280	61.85	-1,553,604	59.66	5,817,864	67.85	48,214,607
LICKING VALLEY RECC	Month	46,074	19,007,037	63.79	-103,019	58.37	168,515	67.23	1,277,887
	YTD	448,482	198,251,451	61.91	-434,968	59.72	1,625,597	67.92	13,465,098
NOLIN RECC	Month	143,724	61,359,258	60.85	-332,566	55.43	516,642	63.85	3,917,833
	YTD	1,395,710	619,175,840	59.86	-1,403,739	57.59	4,900,190	65.51	40,559,442
OWEN EC	Month	421,366	179,475,923	53.29	-963,531	47.92	1,309,160	55.22	9,910,174
	YTD	3,644,999	1,825,103,724	51.43	-4,246,135	49.10	12,320,906	55.85	101,940,189
SALT RIVER RECC	Month	247,600	101,868,163	62.49	-552,125	57.07	883,067	65.74	6,696,552
	YTD	2,140,280	981,780,210	60.51	-2,337,698	58.12	7,882,622	66.15	64,947,676
SHELBY ENERGY COOP	Month	91,445	40,392,081	60.40	-218,927	54.98	337,333	63.33	2,558,101
	YTD	827,680	395,494,302	59.07	-894,868	56.80	3,080,505	64.59	25,545,613
SOUTH KENTUCKY RECC	Month	227,602	100,600,146	61.75	-545,075	56.34	860,888	64.89	6,528,337
	YTD	2,423,969	1,033,361,128	61.59	-2,305,470	59.36	8,425,339	67.51	69,764,284
TAYLOR COUNTY RECC	Month	101,398	45,679,994	57.24	-201,834	52.82	346,845	60.41	2,759,543
	YTD	1,002,813	457,273,901	56.99	-858,911	55.11	3,276,523	62.28	28,477,310
<b>CO-OP Subtotals</b>	Month	2,304,784	986,635,190	59.69	-5,222,911	54.39	8,106,307	62.61	61,773,985
	YTD	21,818,917	9,929,768,482	58.50	-21,994,000	56.28	76,373,029	63.97	635,237,363

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

2018

September

CO-OP Name/EKPC		KW	KWH	Base Mills/KWH	Fuel Charge	Fuel Mills/KWH	Surcharge	Surcharge Mills/KWH	Revenue
International Paper Steam	Month	38,569	15,280,855	52.00	-83,816	46.52	111,140	53.79	821,973
	YTD	305,758	144,045,086	51.03	-236,786	49.39	981,526	56.20	8,095,350
<b>Totals</b>	Month	2,343,353	1,001,916,045	59.57	-5,306,727	54.27	8,217,447	62.48	62,595,958
	YTD	22,124,675	10,073,813,568	58.39	-22,230,786	56.18	77,354,555	63.86	643,332,713
Burnside	Month	43	27,878	54.81	-151	49.39	209	56.89	1,586
	YTD	1,092	476,720	60.73	-645	59.38	3,709	67.16	32,017
East Ky Office	Month	749	532,498	53.71	-2,886	48.29	3,905	55.62	29,618
	YTD	8,433	5,216,112	55.36	-11,416	53.17	37,589	60.38	314,948
Smith Environmental Office	Month	78	49,696	54.99	-269	49.58	374	57.11	2,838
	YTD	767	483,057	55.12	-1,066	52.92	3,469	60.10	29,030
Dale Station	Month	0	0		0		0		0
	YTD	265	187,207	53.72	-29	53.57	1,233	60.15	11,261
<b>EKPC Subtotals</b>	Month	870	610,072	53.86	-3,306	48.44	4,488	55.80	34,042
	YTD	10,557	6,363,096	55.70	-13,156	53.63	46,000	60.86	387,256
<b>Totals</b>	Month	2,344,223	1,002,526,117	59.57	-5,310,033	54.27	8,221,935	62.47	62,630,000
	YTD	22,135,232	10,080,176,664	58.39	-22,243,942	56.18	77,400,555	63.86	643,719,969

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

September 2018

CO-OP Name/EKPC		KWH	KWH Charge	Revenue
BIG SANDY RECC	Month	2,400	0.0250	60
	YTD	23,400		586
BLUE GRASS ENERGY	Month	18,800	0.0250	470
	YTD	170,800		4,271
CLARK ENERGY COOP	Month	3,000	0.0250	75
	YTD	27,600		693
CUMBERLAND VALLEY ELECTRIC	Month	1,200	0.0250	30
	YTD	10,600		265
FARMERS RECC	Month	1,400	0.0250	35
	YTD	12,600		315
FLEMING MASON RECC	Month	1,500	0.0250	38
	YTD	14,700		370
GRAYSON RECC	Month	4,600	0.0250	115
	YTD	41,400		1,035
INTER-COUNTY ECC	Month	37,300	0.0250	933
	YTD	335,700		8,397
JACKSON ENERGY COOP	Month	7,100	0.0250	178
	YTD	65,000		1,629
LICKING VALLEY RECC	Month	2,200	0.0250	55
	YTD	19,800		495
NOLIN RECC	Month	18,300	0.0250	458
	YTD	163,500		4,090
OWEN EC	Month	36,800	0.0250	920
	YTD	335,100		8,379

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

**September 2018**

<b>CO-OP Name/EKPC</b>		<b>KWH</b>	<b>KWH Charge</b>	<b>Revenue</b>
SALT RIVER RECC	Month	45,100	0.0250	1,128
	YTD	408,800		10,223
SHELBY ENERGY COOP	Month	9,300	0.0250	233
	YTD	89,000		2,226
SOUTH KENTUCKY RECC	Month	15,200	0.0250	380
	YTD	137,800		3,446
<b>EKPC Subtotals</b>	Month	204,200	0.0250	5,108
	YTD	1,855,800		46,420
<b>Totals</b>	Month	204,200	0.0250	5,108
	YTD	1,855,800		46,420

**EAST KENTUCKY POWER COOPERATIVE**  
**Wholesale Power Accounting**  
**Direct Load**

September 2018

CO-OP Name		KW	DLC Demand Charge	DLC Credit	DLC Demand Surcharge	Total Revenue
	Month	0	0	-1,567	-238	-1,805
BIG SANDY RECC	YTD	0	0	-14,271	-1,955	-16,226
	Month	0	0	-21,412	-3,252	-24,664
BLUE GRASS ENERGY	YTD	0	0	-192,977	-26,432	-219,409
	Month	0	0	-1,681	-255	-1,936
CLARK ENERGY COOP	YTD	0	0	-15,175	-2,078	-17,253
	Month	0	0	-2,847	-432	-3,279
CUMBERLAND VALLEY ELECTRIC	YTD	0	0	-25,680	-3,517	-29,197
	Month	0	0	-5,128	-779	-5,907
FARMERS RECC	YTD	0	0	-46,180	-6,326	-52,506
	Month	0	0	-2,817	-428	-3,245
FLEMING MASON RECC	YTD	0	0	-25,775	-3,529	-29,304
	Month	0	0	-1,979	-301	-2,280
GRAYSON RECC	YTD	0	0	-17,913	-2,453	-20,366
	Month	0	0	-5,617	-853	-6,470
INTER-COUNTY ECC	YTD	0	0	-50,736	-6,948	-57,684
	Month	0	0	-2,301	-350	-2,651
JACKSON ENERGY COOP	YTD	0	0	-21,116	-2,892	-24,008
	Month	0	0	-1,269	-193	-1,462
LICKING VALLEY RECC	YTD	0	0	-11,421	-1,565	-12,986
	Month	0	0	0	0	0
NOLIN RECC	YTD	0	0	0	0	0
	Month	0	0	-11,185	-1,699	-12,884
OWEN EC	YTD	0	0	-102,022	-13,963	-115,985
	Month	0	0	-6,933	-1,053	-7,986
SALT RIVER RECC	YTD	0	0	-63,729	-8,724	-72,453
	Month	0	0	-3,639	-553	-4,192
SHELBY ENERGY COOP	YTD	0	0	-33,124	-4,535	-37,659
	Month	0	0	-11,082	-1,683	-12,765
SOUTH KENTUCKY RECC	YTD	0	0	-101,705	-13,914	-115,619
	Month	0	0	-1,282	-195	-1,477

EAST KENTUCKY POWER COOPERATIVE  
Wholesale Power Accounting  
Direct Load

September 2018

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CO-OP Name		KW	DLC Demand Charge	DLC Credit	DLC Demand Surcharge	Total Revenue
TAYLOR COUNTY RECC	YTD	0	0	-11,559	-1,584	-13,143
	Month	0	0	-80,739	-12,264	-93,003
<b>Totals:</b>	YTD	0	0	-733,383	-100,415	-833,798



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

2018

October

CO-OP Name/EKPC		KW	KWH	Base Mills/KWH	Fuel Charge	Fuel Mills/KWH	Surcharge	Surcharge Mills/KWH	Revenue
BIG SANDY RECC	Month	34,699	16,360,443	60.59	-61,187	56.85	143,422	65.62	1,073,536
	YTD	451,471	194,263,442	62.16	-447,402	59.86	1,612,765	68.16	13,240,958
BLUE GRASS ENERGY	Month	213,758	103,040,104	58.61	-385,372	54.87	871,863	63.33	6,525,971
	YTD	2,652,179	1,190,370,739	59.99	-2,841,033	57.60	9,511,080	65.59	78,075,603
CLARK ENERGY COOP	Month	70,868	32,768,622	61.36	-122,553	57.62	291,159	66.51	2,179,359
	YTD	892,773	382,337,586	62.68	-889,360	60.36	3,198,937	68.72	26,275,609
CUMBERLAND VALLEY ELECTRIC	Month	68,804	33,003,085	60.42	-123,433	56.68	288,452	65.42	2,159,095
	YTD	871,634	384,377,041	61.86	-905,188	59.51	3,175,552	67.77	26,048,694
FARMERS RECC	Month	81,574	39,439,717	59.22	-147,504	55.48	339,377	64.08	2,527,493
	YTD	984,661	452,985,373	60.39	-1,109,713	57.94	3,670,408	66.05	29,918,078
FLEMING MASON RECC	Month	152,848	80,932,806	52.11	-254,311	48.96	572,847	56.04	4,535,681
	YTD	1,671,024	827,202,836	53.37	-1,592,139	51.45	5,603,619	58.22	48,160,880
GRAYSON RECC	Month	41,689	19,221,824	60.89	-71,889	57.15	169,399	65.96	1,267,958
	YTD	502,533	221,775,722	61.73	-525,474	59.37	1,827,165	67.60	14,992,931
INTER-COUNTY ECC	Month	75,853	35,713,903	59.85	-133,137	56.12	309,047	64.77	2,313,257
	YTD	994,000	415,912,411	61.82	-947,684	59.54	3,429,523	67.79	28,192,741
JACKSON ENERGY COOP	Month	139,936	66,796,052	60.04	-249,817	56.30	579,931	64.99	4,340,834
	YTD	1,794,738	777,379,332	61.70	-1,803,421	59.38	6,397,795	67.61	52,555,441
LICKING VALLEY RECC	Month	39,495	18,915,438	60.45	-70,744	56.71	165,396	65.45	1,238,000
	YTD	487,977	217,166,889	61.79	-505,712	59.46	1,790,993	67.70	14,703,098
NOLIN RECC	Month	123,192	58,617,603	58.36	-219,227	54.62	493,694	63.04	3,695,339
	YTD	1,518,902	677,793,443	59.73	-1,622,966	57.33	5,393,884	65.29	44,254,781
OWEN EC	Month	390,787	190,855,230	50.79	-713,798	47.05	1,390,166	54.34	10,370,492
	YTD	4,035,786	2,015,958,954	51.37	-4,959,933	48.91	13,711,072	55.71	112,310,681
SALT RIVER RECC	Month	214,177	94,012,818	60.50	-351,608	56.76	822,869	65.52	6,159,252
	YTD	2,354,457	1,075,793,028	60.50	-2,689,306	58.01	8,705,491	66.10	71,106,928
SHELBY ENERGY COOP	Month	79,014	39,524,860	58.15	-147,823	54.41	331,629	62.80	2,482,268
	YTD	906,694	435,019,162	58.98	-1,042,691	56.59	3,412,134	64.43	28,027,881
SOUTH KENTUCKY RECC	Month	197,916	96,602,164	59.44	-361,291	55.70	829,776	64.29	6,210,952
	YTD	2,621,885	1,129,963,292	61.41	-2,666,761	59.05	9,255,115	67.24	75,975,236
TAYLOR COUNTY RECC	Month	89,554	44,587,835	54.73	-132,232	51.76	329,800	59.16	2,637,810
	YTD	1,092,367	501,861,736	56.79	-991,143	54.81	3,606,323	62.00	31,115,120
<b>CO-OP Subtotals</b>	Month	2,014,164	970,392,504	57.02	-3,545,926	53.37	7,928,827	61.54	59,717,297
	YTD	23,833,081	10,900,160,986	58.37	-25,539,926	56.02	84,301,856	63.76	694,954,660

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

**2018**

**October**

CO-OP Name/EKPC		KW	KWH	Base Mills/KWH	Fuel Charge	Fuel Mills/KWH	Surcharge	Surcharge Mills/KWH	Revenue
International Paper Steam	Month	31,480	15,930,675	49.07	-60,057	45.30	111,283	52.29	832,962
	YTD	337,238	159,975,761	50.83	-296,843	48.98	1,092,809	55.81	8,928,312
<b>Totals</b>	Month	2,045,644	986,323,179	56.89	-3,605,983	53.24	8,040,110	61.39	60,550,259
	YTD	24,170,319	11,060,136,747	58.26	-25,836,769	55.92	85,394,665	63.64	703,882,972
Burnside	Month	40	31,892	52.43	-119	48.70	239	56.19	1,792
	YTD	1,132	508,612	60.21	-764	58.71	3,948	66.47	33,809
East Ky Office	Month	794	527,541	54.45	-1,973	50.71	4,124	58.52	30,873
	YTD	9,227	5,743,653	55.28	-13,389	52.95	41,713	60.21	345,821
Smith Environmental Office	Month	69	48,988	53.67	-183	49.93	377	57.63	2,823
	YTD	836	532,045	54.99	-1,249	52.64	3,846	59.87	31,853
Dale Station	Month	0	0		0		0		0
	YTD	265	187,207	53.72	-29	53.57	1,233	60.15	11,261
<b>EKPC Subtotals</b>	Month	903	608,421	54.28	-2,275	50.54	4,740	58.33	35,488
	YTD	11,460	6,971,517	55.57	-15,431	53.36	50,740	60.64	422,744
<b>Totals</b>	Month	2,046,547	986,931,600	56.89	-3,608,258	53.24	8,044,850	61.39	60,585,747
	YTD	24,181,779	11,067,108,264	58.25	-25,852,200	55.92	85,445,405	63.64	704,305,716

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

October 2018

CO-OP Name/EKPC		KWH	KWH Charge	Revenue
BIG SANDY RECC	Month	2,400	0.0250	60
	YTD	25,800		646
BLUE GRASS ENERGY	Month	18,800	0.0250	470
	YTD	189,600		4,741
CLARK ENERGY COOP	Month	3,000	0.0250	75
	YTD	30,600		768
CUMBERLAND VALLEY ELECTRIC	Month	1,200	0.0250	30
	YTD	11,800		295
FARMERS RECC	Month	1,400	0.0250	35
	YTD	14,000		350
FLEMING MASON RECC	Month	1,500	0.0250	38
	YTD	16,200		408
GRAYSON RECC	Month	4,600	0.0250	115
	YTD	46,000		1,150
INTER-COUNTY ECC	Month	37,300	0.0250	933
	YTD	373,000		9,330
JACKSON ENERGY COOP	Month	7,100	0.0250	178
	YTD	72,100		1,807
LICKING VALLEY RECC	Month	2,100	0.0250	53
	YTD	21,900		548
NOLIN RECC	Month	18,300	0.0250	458
	YTD	181,800		4,548
OWEN EC	Month	36,900	0.0250	923
	YTD	372,000		9,302

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

October 2018

CO-OP Name/EKPC		KWH	KWH Charge	Revenue
SALT RIVER RECC	Month	45,000	0.0250	1,125
	YTD	453,800		11,348
SHELBY ENERGY COOP	Month	9,300	0.0250	233
	YTD	98,300		2,459
SOUTH KENTUCKY RECC	Month	15,100	0.0250	378
	YTD	152,900		3,824
<b>EKPC Subtotals</b>	Month	204,000	0.0250	5,104
	YTD	2,059,800		51,524
<b>Totals</b>	Month	204,000	0.0250	5,104
	YTD	2,059,800		51,524

**EAST KENTUCKY POWER COOPERATIVE**  
**Wholesale Power Accounting**  
**Direct Load**

October 2018

CO-OP Name		KW	DLC Demand Charge	DLC Credit	DLC Demand Surcharge	Total Revenue
	Month	0	0	-1,562	-241	-1,803
BIG SANDY RECC	YTD	0	0	-15,833	-2,196	-18,029
	Month	0	0	-21,407	-3,301	-24,708
BLUE GRASS ENERGY	YTD	0	0	-214,384	-29,733	-244,117
	Month	0	0	-1,681	-259	-1,940
CLARK ENERGY COOP	YTD	0	0	-16,856	-2,337	-19,193
	Month	0	0	-2,842	-438	-3,280
CUMBERLAND VALLEY ELECTRIC	YTD	0	0	-28,522	-3,955	-32,477
	Month	0	0	-5,125	-790	-5,915
FARMERS RECC	YTD	0	0	-51,305	-7,116	-58,421
	Month	0	0	-2,778	-428	-3,206
FLEMING MASON RECC	YTD	0	0	-28,553	-3,957	-32,510
	Month	0	0	-1,931	-298	-2,229
GRAYSON RECC	YTD	0	0	-19,844	-2,751	-22,595
	Month	0	0	-5,644	-870	-6,514
INTER-COUNTY ECC	YTD	0	0	-56,380	-7,818	-64,198
	Month	0	0	-2,291	-353	-2,644
JACKSON ENERGY COOP	YTD	0	0	-23,407	-3,245	-26,652
	Month	0	0	-1,269	-196	-1,465
LICKING VALLEY RECC	YTD	0	0	-12,690	-1,761	-14,451
	Month	0	0	0	0	0
NOLIN RECC	YTD	0	0	0	0	0
	Month	0	0	-11,189	-1,725	-12,914
OWEN EC	YTD	0	0	-113,211	-15,688	-128,899
	Month	0	0	-6,898	-1,064	-7,962
SALT RIVER RECC	YTD	0	0	-70,627	-9,788	-80,415
	Month	0	0	-3,605	-556	-4,161
SHELBY ENERGY COOP	YTD	0	0	-36,729	-5,091	-41,820
	Month	0	0	-11,025	-1,700	-12,725
SOUTH KENTUCKY RECC	YTD	0	0	-112,730	-15,614	-128,344
	Month	0	0	-1,282	-198	-1,480

**EAST KENTUCKY POWER COOPERATIVE**  
**Wholesale Power Accounting**  
**Direct Load**

October 2018

CO-OP Name		KW	DLC Demand Charge	DLC Credit	DLC Demand Surcharge	Total Revenue
TAYLOR COUNTY RECC	YTD	0	0	-12,841	-1,782	-14,623
	Month	0	0	-80,529	-12,417	-92,946
<b>Totals:</b>	YTD	0	0	-813,912	-112,832	-926,744



Company EAST KENTUCKY POWER COOPERATIVE, INC.  
POWER TRANSACTION SCHEDULE

Month Ended MAY 2018

Billing Components

<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>
Duke Energy Kentucky	Capacity	465		58,125	0	58,125	
PJM	Economy		1,617,000		51,163	33,253	84,416
PJM	Capacity	17,116		954,770	0	954,770	
<b>TOTAL</b>		<b><u>17,581</u></b>	<b><u>1,617,000</u></b>	<b><u>1,012,895</u></b>	<b><u>51,163</u></b>	<b><u>1,046,148</u></b>	<b><u>84,416</u></b>



Company

EAST KENTUCKY POWER COOPERATIVE, INC.  
POWER TRANSACTION SCHEDULE

Month Ended JUNE 2018

Billing Components

<u>Company Sales</u>	<u>Type of Transaction</u>	<u>KWH</u>	<u>Fuel Charges (\$)</u>	<u>Margin(+) or Loss (-)</u>	<u>Total Charges (\$)</u>
LG&E	Economy	2,049,000	55,487	18,625	74,112
PJM	Economy	6,840,000	192,851	106,848	299,699
<b>TOTAL</b>		<b><u>8,889,000</u></b>	<b><u>248,338</u></b>	<b><u>125,473</u></b>	<b><u>373,811</u></b>





Company

EAST KENTUCKY POWER COOPERATIVE, INC.  
POWER TRANSACTION SCHEDULE

REVISED

Month Ended JULY 2018

Billing Components

<u>Company Sales</u>	<u>Type of Transaction</u>	<u>KWH</u>	<u>Fuel Charges (\$)</u>	<u>Margin(+) or Loss (-)</u>	<u>Total Charges (\$)</u>
LG&E	Economy	81,000	1,495	966	2,461
PJM	Economy	5,306,000	146,299	84,918	231,217
<b>TOTAL</b>		<u>5,387,000</u>	<u>147,794</u>	<u>85,884</u>	<u>233,678</u>



Company

EAST KENTUCKY POWER COOPERATIVE, INC.  
POWER TRANSACTION SCHEDULE

REVISED

Month Ended AUGUST 2018

Billing Components

<u>Company Sales</u>	<u>Type of Transaction</u>	<u>KWH</u>	<u>Fuel Charges (\$)</u>	<u>Margin(+) or Loss (-)</u>	<u>Total Charges (\$)</u>
LG&E	Economy	888,000	23,044	7,270	30,314
PJM	Economy	14,414,000	404,086	283,786	687,872
<b>TOTAL</b>		<b><u>15,302,000</u></b>	<b><u>427,130</u></b>	<b><u>291,056</u></b>	<b><u>718,186</u></b>



Company

EAST KENTUCKY POWER COOPERATIVE, INC.  
POWER TRANSACTION SCHEDULE

Month Ended SEPTEMBER 2018

Billing Components

<u>Company Sales</u>	<u>Type of Transaction</u>	<u>KWH</u>	<u>Fuel Charges (\$)</u>	<u>Margin(+) or Loss (-)</u>	<u>Total Charges (\$)</u>
LG&E	Economy	347,000	9,533	1,279	10,812
PJM	Economy	17,257,000	475,776	180,175	655,951
<b>TOTAL</b>		<u>17,604,000</u>	<u>485,309</u>	<u>181,454</u>	<u>666,763</u>



Company

EAST KENTUCKY POWER COOPERATIVE, INC.  
POWER TRANSACTION SCHEDULE

Month Ended OCTOBER 2018

Billing Components

<u>Company Sales</u>	<u>Type of Transaction</u>	<u>KWH</u>	<u>Fuel Charges (\$)</u>	<u>Margin(+) or Loss (-)</u>	<u>Total Charges (\$)</u>
PJM	Economy	11,520,000	217,796	176,856	394,652
TOTAL		<u>11,520,000</u>	<u>217,796</u>	<u>176,856</u>	<u>394,652</u>

**EAST KENTUCKY POWER COOPERATIVE, INC.**

**PSC CASE NO. 2019-00003**

**FUEL ADJUSTMENT CLAUSE**

**RESPONSE TO INFORMATION REQUEST**

**COMMISSION STAFF'S INFORMATION REQUEST DATED 02/11/19**

**REQUEST 14**

**RESPONSIBLE PARTY:                Julia J. Tucker**

**Request 14.**                Describe the effect on the FAC calculation of line losses related to:

- a.        intersystem sales when using a third-party transmission system, and
- b.        intersystem sales when not using a third-party transmission system.

**Response 14.**            a.        None

b.        None

**EAST KENTUCKY POWER COOPERATIVE, INC.  
PSC CASE NO. 2019-00003  
FUEL ADJUSTMENT CLAUSE  
RESPONSE TO INFORMATION REQUEST**

**COMMISSION STAFF'S INFORMATION REQUEST DATED 02/11/19  
REQUEST 15**

**RESPONSIBLE PARTY:            Craig A. Johnson**

**Request 15.**            Provide a list, in chronological order, showing by unit, any scheduled, actual, and forced outages between for the last six months of the period under review. Provide a key for any information that is abbreviated.

**Response 15.**            Please see pages 2 through 43 of this response.



Production Management Reporting System

**Appendix B**

**From: May 1, 2018 thru October 31, 2018**

**Cooper Power Station**

**Unit 001**

Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
05/03/2018	1300	0.0	Forced	Maintenance	0	55	1B AIR PREHEATER BEARING FAILURE.
05/26/2018	1725	0.0	Forced	Maintenance	3	41	ID FAN TRIP.
08/06/2018	0752	0.0	Forced	Maintenance	0	41	HIGH DRUM LEVEL.
08/06/2018	0914	0.0	Forced	Maintenance	2	27	ID FAN TRIPPED DUE TO SURGE IN CURRENT RESULTING IN HIGH VIBRATION.
08/12/2018	2236	0.0	Forced	Maintenance	5	9	UNIT 1 TRIPPED WHILE RUNNING THE WEEKLY TESTS. THE DC OIL PUMP MALFUNCTION.

Production Management Reporting System



East Kentucky Power

**Appendix B**

**From: May 1, 2018 thru October 31, 2018**

**PSC Request 15  
Page 3 of 43**

**Cooper Power Station**

**Unit 002**

Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
05/01/2018	0000	0.0	Scheduled	Maintenance	494	14	SCHEDULED MAINTENANCE OUTAGE.
05/22/2018	0245	0.0	Scheduled	Maintenance	4	18	PLANNED OUTAGE - ONLINE FOR TESTING PURPOSES, CAME OFFLINE DUE TO EHC LEAK.
05/22/2018	2159	0.0	Scheduled	Maintenance	63	32	PLANNED OUTAGE - UNIT OFFLINE TO REMOVE TURBINE SCREENS.
10/01/2018	0240	0.0	Forced	Maintenance	0	49	HIGH DRUM LEVEL.





Production Management Reporting System

**Appendix B**

**From: May 1, 2018 thru October 31, 2018**

**Spurlock Power Station**

**Unit 001**

Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
05/05/2018	0001	0.0	Scheduled	Maintenance	183	9	AIR HEATER (REGENERATIVE).
06/23/2018	0143	0.0	Scheduled	Maintenance	62	32	AIR HEATER (REGENERATIVE).
07/22/2018	0111	0.0	Scheduled	Maintenance	171	10	FIRST REHEATER. REHEAT TUBE LEAK.
08/23/2018	0054	0.0	Scheduled	Maintenance	55	36	AIR HEATER (REGENERATIVE).
08/25/2018	2315	0.0	Forced	Maintenance	1	36	BOILER TRIP ON LOW DRUM.
09/08/2018	0221	0.0	Scheduled	Maintenance	549	39	BOILER INSPECTIONS - SCHEDULED OR ROUTINE.
10/01/2018	0000	0.0	Scheduled	Maintenance	156	30	BOILER INSPECTIONS - SCHEDULED OR ROUTINE.
10/13/2018	0116	0.0	Scheduled	Maintenance	17	8	OTHER AUXILIARY STEAM PROBLEMS. SUPPLY STEAM TO INTERNATIONAL PAPER.
10/16/2018	1630	0.0	Forced	Maintenance	3	31	GENERATOR MAIN LEADS. GENERATOR PT ISSUES.



Production Management Reporting System

**Appendix B**

**From: May 1, 2018 thru October 31, 2018**

**Spurlock Power Station**

**Unit 002**

Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
05/07/2018	0919	0.0	Forced	Maintenance	5	6	FEEDWATER PUMP DRIVE - STEAM TURBINE. BOILER FEEDPUMP ISSUES.
05/19/2018	0001	0.0	Scheduled	Maintenance	158	18	AIR HEATER (REGENERATIVE).
10/08/2018	1659	0.0	Forced	Maintenance	42	12	MAIN STEAM RELIEF. SAFETY VALVES OFF SUPERHEATER.
10/10/2018	1652	0.0	Forced	Maintenance	10	36	OTHER MAIN STEAM VALVES. SUPERHEATER VENT OPEN.



Production Management Reporting System

Appendix B

From: May 1, 2018 thru October 31, 2018

Spurlock Power Station

Unit 003

Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
05/01/2018	0000	0.0	Scheduled	Maintenance	442	30	BOILER INSPECTIONS - SCHEDULED OR ROUTINE.
05/20/2018	0100	0.0	Forced	Maintenance	32	57	SECONDARY AIR FAN/BLOWER MOTORS - SINGLE SPEED. MOTOR JUNCTION BOX SHORTED.
07/07/2018	0103	0.0	Scheduled	Maintenance	85	57	IN-BED EVAPORATATIVE TUBES.
09/01/2018	0440	0.0	Scheduled	Maintenance	12	46	SWITCHYARD TRANSFORMERS AND ASSOCIATED COOLING SYSTEMS.
09/10/2018	1639	0.0	Forced	Maintenance	0	37	OTHER INDUCED DRAFT FAN PROBLEMS. FURNACE PRESSURE TRIP.
09/28/2018	0123	0.0	Scheduled	Maintenance	70	37	IN-BED BUBBLE CAPS (FBAC ONLY).
10/01/2018	0000	0.0	Scheduled	Maintenance	67	55	IN-BED BUBBLE CAPS (FBAC ONLY).
10/07/2018	1630	0.0	Forced	Maintenance	55	30	GENERATING TUBES.
10/27/2018	0713	0.0	Forced	Maintenance	4	16	OTHER TURBINE INSTRUMENT AND CONTROL PROBLEMS.



Production Management Reporting System

Appendix B

From: May 1, 2018 thru October 31, 2018

Spurlock Power Station

Unit 004

Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
05/01/2018	1847	0.0	Forced	Maintenance	1	58	TURBINE TRIP ON BYPASS SYSTEM.
06/18/2018	1434	0.0	Forced	Maintenance	7	25	UNIT AUXILIARIES TRANSFORMER. T12 TRANSFORMER SUDDEN PRESSURE TRIP.
07/10/2018	1110	0.0	Forced	Maintenance	121	48	GENERATOR DOBLE TESTING.
07/19/2018	0005	0.0	Forced	Maintenance	25	38	SECOND SUPERHEATER. SUPERHEATER HEADER LEAK.
08/15/2018	1009	0.0	Forced	Maintenance	0	41	OTHER FEEDWATER SYSTEM PROBLEMS. FEEDWATER TRANSMITTER FAILURE.
09/15/2018	0203	0.0	Scheduled	Maintenance	111	57	AIR HEATER (REGENERATIVE).
09/28/2018	1850	0.0	Forced	Maintenance	53	10	PLATEN SUPERHEATER. TUBE LEAK.
10/01/2018	0000	0.0	Forced	Maintenance	47	59	PLATEN SUPERHEATER. PLATEN SUPERHEATER. TUBE LEAK.
10/03/2018	0000	0.0	Scheduled	Maintenance	322	0	CYCLONE INSPECTION.



Production Management Reporting System

**Appendix B**

**From: May 1, 2018                      thru      October 31, 2018**

**J.K. Smith**

**Unit 001**

Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
05/22/2018	0800	0.0	Scheduled	Maintenance	1	42	MAINTENANCE OUTAGE DUE TO BLACKSTART TESTING ON UNIT 4.
06/29/2018	1554	0.0	Forced	Maintenance	1	3	ISO SWITCH FAILURE.
10/21/2018	0000	0.0	Scheduled	Maintenance	264	0	PLANNED OUTAGE - FALL MAINTENANCE.

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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	
05/15/2018	0800	0.0	Scheduled	Maintenance	2	10	MAINTENANCE OUTAGE DUE TO BLACKSTART TESTING ON UNIT 5.
06/29/2018	1552	0.0	Forced	Failed Start	27	23	ISO SWITCH FAILURE.
10/10/2018	0000	0.0	Scheduled	Maintenance	320	56	PLANNED OUTAGE - FALL MAINTENANCE.
10/23/2018	1241	0.0	Scheduled	Maintenance	0	5	PLANNED OUTAGE - FALL MAINTENANCE.
10/23/2018	1249	0.0	Scheduled	Maintenance	26	37	PLANNED OUTAGE - FALL MAINTENANCE.



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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	
05/22/2018	0800	0.0	Scheduled	Maintenance	1	42	MAINTENANCE OUTAGE DUE TO BLACKSTART TESTING ON UNIT 4.
06/29/2018	1552	0.0	Forced	Failed Start	0	56	ISO SWITCH FAILURE ON UNIT 2.
08/03/2018	1556	0.0	Forced	Maintenance	99	44	ISO PHASE BUS MAKING NOISE/TOOK OFF LINE FOR INSPECTION.
08/18/2018	1752	0.0	Forced	Maintenance	25	44	INSULATOR BROKE ON TRANSMISSION LINE/ RELAY ON 38G WAS REPLACED..
09/23/2018	0000	0.0	Scheduled	Maintenance	192	0	MAINTENANCE OUTAGE - C INSPECTION MAJOR.
10/01/2018	0000	0.0	Scheduled	Maintenance	744	0	MAINTENANCE OUTAGE - C INSPECTION MAJOR.



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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	
05/15/2018	1631	0.0	Forced	Maintenance	18	26	HYDRAULIC PROBLEM.
05/16/2018	1315	0.0	Forced	Maintenance	1	54	FUEL SERVO CONTROL VALVE ELECTRICAL MALFUNCTION.
05/22/2018	0800	0.0	Scheduled	Maintenance	1	8	MAINTENANCE OUTAGE DUE TO BLACKSTART TESTING ON UNIT 4.
07/10/2018	1232	0.0	Forced	Maintenance	0	42	LOW FUEL PRESSURE.
10/26/2018	0605	0.0	Forced	Maintenance	79	55	BUS DUCT GROUND.





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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	
05/15/2018	0800	0.0	Scheduled	Maintenance	1	33	BLACKSTART TESTING ON UNIT 5.
07/03/2018	0700	0.0	Scheduled	Maintenance	6	57	BUS DUCT INSPECTION.
07/10/2018	1231	0.0	Forced	Maintenance	0	44	LOW FUEL PRESSURE/TRIP.
08/13/2018	0800	0.0	Scheduled	Maintenance	60	24	BUS DUCT INSPECTION AND GSA BUSHING REPAIR.
10/11/2018	1356	0.0	Forced	Maintenance	28	59	GENERATOR BREAKER FAILURE.
10/16/2018	0912	0.0	Forced	Maintenance	5	56	BUS GROUND DETECTED BY RELAY.

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**Unit 006**

Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
05/22/2018	0800	0.0	Scheduled	Maintenance	1	42	BLACKSTART TESTING ON UNIT 4.
06/26/2018	1302	0.0	Forced	Maintenance	50	31	MOISTURE IN GENERATOR BREAKER ENCLOSURE/BUS DUCT INSPECTION.
07/10/2018	1235	0.0	Forced	Maintenance	0	31	LOW FUEL PRESSURE/TRIP.
08/30/2018	0600	0.0	Scheduled	Maintenance	8	2	BUS DUCT INSPECTION.
09/15/2018	1155	0.0	Forced	Maintenance	3	31	RELAY ROLLED GROUND ON GSU.
09/17/2018	0635	0.0	Forced	Maintenance	6	3	701V ALARM/68G TRIPPED IN SWITCHYARD.
10/18/2018	0802	0.0	Forced	Maintenance	1	1	GAS PURGE VALVE FAILED TO CLOSE.
10/28/2018	0000	0.0	Scheduled	Maintenance	0	1	FALL MAINTENANCE.
10/28/2018	0001	0.0	Scheduled	Maintenance	95	59	FALL MAINTENANCE.



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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	
05/01/2018	0000	0.0	Scheduled	Maintenance	85	15	GENERAL MAINTENANCE.
05/15/2018	0800	0.0	Scheduled	Maintenance	2	10	BLACKSTART TESTING ON UNIT 5.
07/21/2018	0845	0.0	Forced	Maintenance	5	2	BUS GROUND DETECTED BY RELAY.



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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	
05/28/2018	1219	0.0	Forced	Failed Start	0	42	START UP FAILURE - I/O PAC FAILED.
08/08/2018	1550	0.0	Forced	Maintenance	3	23	BLOWN SEAL IN GAS COMPRESSOR.
08/17/2018	1450	0.0	Forced	Maintenance	1	58	IGV AND VSV PACK TROUBLES.
09/30/2018	0001	0.0	Scheduled	Maintenance	23	59	FALL MAINTENANCE.
10/01/2018	0000	0.0	Scheduled	Maintenance	329	22	FALL 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	
05/08/2018	1806	0.0	Forced	Maintenance	1	14	I/O PAC FAILED/TAKEN OFF LINE DUE TO EMISSIONS.
10/14/2018	0000	0.0	Scheduled	Maintenance	322	26	FALL MAINTENANCE.



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Bluegrass Station

Unit 001

Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
06/02/2018	0040	0.0	Forced	Maintenance	11	20	FIRE SYSTEM UNAVAILABILITY AS A RESULT OF A STORM.
06/21/2018	2311	0.0	Forced	Maintenance	746	29	LO RELAY 86T1 ROLLED TRIPPING YARD. HEALTH CHECK BOARD SHORTED AND CAUSED TRIP.
06/22/2018	0140	0.0	Forced	Maintenance	8	45	LG&E BU-550 MOTOR OPERATED AIR SWITCH HAD FAILED.
06/29/2018	2151	0.0	Forced	Maintenance	0	2	LOAD DUMP AND SUBSEQUENT SHUTDOWN.
10/06/2018	0000	0.0	Scheduled	Maintenance	440	7	SCHEDULED FALL OUTAGE.



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**Bluegrass Station**

**Unit 002**

Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
06/21/2018	2311	0.0	Forced	Maintenance	746	29	LO RELAY 86T1 ROLLED TRIPPING YARD. HEALTH CHECK BOARD SHORTED AND CAUSED TRIP.
06/22/2018	0140	0.0	Forced	Maintenance	8	45	LG&E BU-550 MOTOR OPERATED AIR SWITCH HAD FAILED.
10/06/2018	0000	0.0	Scheduled	Maintenance	440	39	SCHEDULED FALL OUTAGE.



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Bluegrass Station

Unit 003

Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
05/03/2018	1410	0.0	Forced	Maintenance	0	44	HIGH BLADE PATH SPREAD.
10/06/2018	0000	0.0	Scheduled	Maintenance	216	0	SCHEDULED FALL OUTAGE.





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**Green Valley Landfill**

**Unit 001**

Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
05/01/2018	1330	0.0	Forced	Maintenance	0	11	ELECTRICAL MAINTENANCE.
05/09/2018	1430	0.0	Forced	Fuel Outage	5	0	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
05/11/2018	0349	0.0	Forced	Fuel Outage	6	44	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
05/11/2018	1222	0.0	Forced	Fuel Outage	0	2	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
05/11/2018	1243	0.0	Forced	Fuel Outage	0	35	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
05/19/2018	2039	0.0	Forced	Fuel Outage	42	38	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
05/31/2018	1733	0.0	Forced	Fuel Outage	6	27	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
06/01/2018	0000	0.0	Forced	Fuel Outage	8	40	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
06/06/2018	1117	0.0	Forced	Fuel Outage	5	41	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
06/10/2018	1447	0.0	Forced	Fuel Outage	3	11	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
06/13/2018	1232	0.0	Forced	Fuel Outage	0	43	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
06/18/2018	2043	0.0	Forced	Maintenance	36	49	UTILITY BREAKER 52U OPERATION CAUSED BY STORMS.
06/20/2018	1452	0.0	Forced	Fuel Outage	22	46	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
06/29/2018	0839	0.0	Forced	Maintenance	0	1	ENGINE SHUTDOWN DUE TO DETONATION.
07/02/2018	1200	0.0	Forced	Fuel Outage	73	0	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
07/05/2018	1400	0.0	Forced	Fuel Outage	17	30	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
07/06/2018	0900	0.0	Forced	Fuel Outage	70	30	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
07/16/2018	1530	0.0	Forced	Fuel Outage	236	30	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
07/26/2018	1315	0.0	Forced	Fuel Outage	130	45	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
08/01/2018	0000	0.0	Forced	Fuel Outage	201	19	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
08/09/2018	0940	0.0	Forced	Fuel Outage	2	4	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
08/09/2018	1205	0.0	Forced	Fuel Outage	0	36	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
09/11/2018	0609	0.0	Scheduled	Maintenance	9	57	ENGINE MAINTENANCE.
09/12/2018	0933	0.0	Scheduled	Maintenance	0	40	ENGINE MAINTENANCE.
09/20/2018	0852	0.0	Scheduled	Maintenance	5	46	ELECTRICAL MAINTENANCE.
09/28/2018	0527	0.0	Forced	Maintenance	2	12	FUEL SKID MAINTENANCE.
10/04/2018	0307	0.0	Forced	Maintenance	5	0	ENGINE MAINTENANCE.



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**Unit 001**

Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
10/04/2018	0837	0.0	Forced	Maintenance	0	50	ENGINE MAINTENANCE.
10/04/2018	0953	0.0	Forced	Maintenance	0	18	ENGINE MAINTENANCE.
10/11/2018	1436	0.0	Forced	Fuel Outage	0	49	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
10/24/2018	0904	0.0	Scheduled	Maintenance	2	18	ENGINE MAINTENANCE.



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Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
05/01/2018	1330	0.0	Forced	Maintenance	0	9	ELECTRICAL MAINTENANCE.
05/09/2018	1430	0.0	Forced	Fuel Outage	5	0	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
05/11/2018	1222	0.0	Forced	Fuel Outage	0	3	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
05/20/2018	1415	0.0	Forced	Fuel Outage	25	8	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
05/31/2018	1733	0.0	Forced	Fuel Outage	6	27	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
06/01/2018	0000	0.0	Forced	Fuel Outage	637	34	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
07/02/2018	1145	0.0	Forced	Fuel Outage	73	0	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
07/05/2018	1500	0.0	Forced	Fuel Outage	16	30	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
07/06/2018	1030	0.0	Forced	Fuel Outage	69	30	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
07/16/2018	1545	0.0	Forced	Fuel Outage	21	15	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
07/19/2018	1430	0.0	Forced	Fuel Outage	17	0	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
07/26/2018	0830	0.0	Forced	Fuel Outage	3	0	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
08/03/2018	1018	0.0	Forced	Fuel Outage	2	3	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
08/06/2018	1727	0.0	Forced	Maintenance	14	24	UTILITY BREAKER 52U OPERATION CAUSED BY STORMS.
08/09/2018	1049	0.0	Scheduled	Maintenance	0	3	ENGINE MAINTENANCE.
08/09/2018	1139	0.0	Forced	Maintenance	0	44	ENGINE MAINTENANCE.
08/09/2018	1237	0.0	Forced	Maintenance	539	23	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
09/01/2018	0000	0.0	Forced	Fuel Outage	720	0	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
10/01/2018	0000	0.0	Forced	Fuel Outage	397	51	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.



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Green Valley Landfill

Unit 003

Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
05/01/2018	1330	0.0	Forced	Fuel Outage	0	13	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
05/09/2018	1430	0.0	Forced	Fuel Outage	5	2	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
05/11/2018	1222	0.0	Forced	Fuel Outage	0	5	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
05/11/2018	1244	0.0	Forced	Fuel Outage	0	2	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
05/19/2018	2006	0.0	Forced	Fuel Outage	43	22	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
05/31/2018	1733	0.0	Forced	Fuel Outage	6	27	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
06/01/2018	0000	0.0	Forced	Fuel Outage	8	46	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
06/06/2018	1117	0.0	Forced	Fuel Outage	5	45	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
06/09/2018	1015	0.0	Forced	Maintenance	72	23	ENGINE MAINTENANCE.
06/13/2018	1218	0.0	Forced	Maintenance	0	59	ENGINE MAINTENANCE.
06/14/2018	0730	0.0	Forced	Fuel Outage	25	33	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
06/18/2018	2043	0.0	Forced	Maintenance	36	51	UTILITY BREAKER 52U OPERATION CAUSED BY STORMS.
06/20/2018	1442	0.0	Forced	Fuel Outage	22	58	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
06/26/2018	0754	0.0	Forced	Fuel Outage	112	6	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
07/01/2018	0000	0.0	Forced	Fuel Outage	396	30	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
07/17/2018	1330	0.0	Forced	Fuel Outage	235	0	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
08/03/2018	1018	0.0	Forced	Fuel Outage	2	9	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
08/06/2018	1727	0.0	Forced	Maintenance	14	36	UTILITY BREAKER 52U OPERATION CAUSED BY STORMS.
09/12/2018	1012	0.0	Scheduled	Maintenance	2	36	ENGINE MAINTENANCE.
09/16/2018	0315	0.0	Forced	Maintenance	28	54	ENGINE MAINTENANCE.
09/18/2018	0135	0.0	Scheduled	Maintenance	6	43	ENGINE MAINTENANCE.
09/20/2018	0852	0.0	Scheduled	Maintenance	5	52	ELECTRICAL MAINTENANCE.
09/28/2018	0527	0.0	Forced	Maintenance	2	20	FUEL SKID MAINTENANCE.
10/11/2018	1436	0.0	Forced	Fuel Outage	1	1	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
10/18/2018	0910	0.0	Scheduled	Maintenance	2	8	ELECTRICAL MAINTENANCE.
10/18/2018	1148	0.0	Forced	Maintenance	2	26	ELECTRICAL MAINTENANCE.



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Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
05/10/2018	1425	0.0	Forced	Maintenance	4	19	ENGINE SHUTDOWN DUE TO DETONATION.
05/12/2018	1326	0.0	Forced	Maintenance	0	59	ENGINE SHUTDOWN DUE TO DETONATION.
05/12/2018	1458	0.0	Forced	Maintenance	0	30	ENGINE SHUTDOWN DUE TO DETONATION.
05/12/2018	1535	0.0	Forced	Maintenance	0	12	ENGINE SHUTDOWN DUE TO DETONATION.
05/16/2018	1109	0.0	Forced	Maintenance	3	54	ENGINE MAINTENANCE.
05/18/2018	1530	0.0	Forced	Maintenance	3	33	ENGINE SHUTDOWN DUE TO DETONATION.
05/18/2018	1922	0.0	Forced	Maintenance	0	20	ENGINE SHUTDOWN DUE TO DETONATION.
05/24/2018	0900	0.0	Forced	Fuel Outage	0	18	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
05/24/2018	1559	0.0	Forced	Maintenance	0	28	ENGINE SHUTDOWN DUE TO DETONATION.
05/26/2018	1311	0.0	Forced	Maintenance	0	57	ENGINE SHUTDOWN DUE TO DETONATION.
05/27/2018	1522	0.0	Forced	Maintenance	1	28	ENGINE SHUTDOWN DUE TO DETONATION.
05/29/2018	1512	0.0	Forced	Maintenance	1	56	ENGINE SHUTDOWN DUE TO DETONATION.
05/30/2018	1155	0.0	Forced	Maintenance	0	39	ENGINE SHUTDOWN DUE TO DETONATION.
06/02/2018	1530	0.0	Forced	Maintenance	1	4	ENGINE SHUTDOWN DUE TO DETONATION.
06/02/2018	1747	0.0	Forced	Maintenance	0	13	ENGINE SHUTDOWN DUE TO DETONATION.
06/02/2018	2107	0.0	Forced	Maintenance	0	30	ENGINE SHUTDOWN DUE TO DETONATION.
06/05/2018	0900	0.0	Forced	Fuel Outage	1	56	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
06/07/2018	1215	0.0	Scheduled	Maintenance	2	21	ENGINE MAINTENANCE.
06/07/2018	1441	0.0	Forced	Maintenance	0	2	ENGINE SHUTDOWN DUE TO DETONATION.
06/07/2018	1525	0.0	Forced	Maintenance	0	16	ENGINE MAINTENANCE.
06/15/2018	1904	0.0	Forced	Maintenance	1	16	ENGINE SHUTDOWN DUE TO DETONATION.
06/16/2018	1510	0.0	Forced	Maintenance	0	29	ENGINE SHUTDOWN DUE TO DETONATION.
06/22/2018	1015	0.0	Scheduled	Maintenance	2	25	ELECTRICAL MAINTENANCE.
06/22/2018	1246	0.0	Forced	Maintenance	0	14	ENGINE SHUTDOWN DUE TO DETONATION.
07/03/2018	1448	0.0	Forced	Maintenance	0	55	ENGINE SHUTDOWN DUE TO DETONATION.
07/20/2018	1613	0.0	Forced	Maintenance	1	3	ENGINE SHUTDOWN DUE TO DETONATION.
07/23/2018	1406	0.0	Forced	Maintenance	1	3	ENGINE SHUTDOWN DUE TO DETONATION.
07/24/2018	1100	0.0	Forced	Maintenance	1	21	ENGINE SHUTDOWN DUE TO DETONATION.
07/25/2018	1138	0.0	Forced	Maintenance	4	14	ENGINE SHUTDOWN DUE TO DETONATION.
07/26/2018	1141	0.0	Forced	Maintenance	0	19	ENGINE SHUTDOWN DUE TO DETONATION.
07/26/2018	1225	0.0	Scheduled	Maintenance	4	15	ENGINE MAINTENANCE.
07/27/2018	1559	0.0	Forced	Maintenance	0	19	ENGINE MAINTENANCE.
08/13/2018	0900	0.0	Forced	Maintenance	107	29	ENGINE MAINTENANCE.
08/18/2018	0813	0.0	Forced	Maintenance	0	51	ENGINE MAINTENANCE.
08/21/2018	1547	0.0	Forced	Maintenance	0	3	ENGINE SHUTDOWN DUE TO DETONATION.
08/23/2018	1020	0.0	Forced	Fuel Outage	0	24	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
08/30/2018	0706	0.0	Forced	Fuel Outage	2	1	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
10/01/2018	1034	0.0	Scheduled	Maintenance	2	32	ENGINE MAINTENANCE.
10/04/2018	1605	0.0	Forced	Maintenance	17	36	ENGINE SHUTDOWN DUE TO DETONATION.
10/05/2018	1056	0.0	Forced	Maintenance	1	56	ENGINE MAINTENANCE.



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Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
10/09/2018	1020	0.0	Scheduled	Maintenance	0	29	ENGINE MAINTENANCE.
10/09/2018	1054	0.0	Scheduled	Maintenance	0	1	ENGINE MAINTENANCE.
10/10/2018	0950	0.0	Scheduled	Maintenance	0	57	ENGINE MAINTENANCE.
10/17/2018	0909	0.0	Forced	Fuel Outage	3	22	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
10/18/2018	1108	0.0	Forced	Fuel Outage	1	10	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
10/24/2018	1549	0.0	Forced	Fuel Outage	1	52	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
10/25/2018	0126	0.0	Forced	Maintenance	37	16	ENGINE SHUTDOWN DUE TO DETONATION.
10/26/2018	1451	0.0	Forced	Maintenance	0	15	ENGINE MAINTENANCE.
10/26/2018	1520	0.0	Forced	Maintenance	0	30	ENGINE MAINTENANCE.
10/26/2018	1553	0.0	Forced	Maintenance	0	21	ENGINE MAINTENANCE.
10/26/2018	1630	0.0	Forced	Maintenance	0	15	ENGINE MAINTENANCE.
10/26/2018	1718	0.0	Forced	Maintenance	0	30	ENGINE MAINTENANCE.
10/27/2018	0830	0.0	Forced	Maintenance	0	41	FUEL SKID MAINTENANCE.
10/30/2018	1240	0.0	Forced	Maintenance	0	5	ENGINE MAINTENANCE.



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Unit 002

Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
05/02/2018	0935	0.0	Forced	Maintenance	6	25	ENGINE MAINTENANCE.
05/24/2018	0900	0.0	Forced	Fuel Outage	0	17	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
06/05/2018	0900	0.0	Forced	Fuel Outage	1	56	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
06/20/2018	0905	0.0	Scheduled	Maintenance	2	34	ENGINE MAINTENANCE.
06/22/2018	1015	0.0	Scheduled	Maintenance	2	31	ELECTRICAL MAINTENANCE.
06/22/2018	1300	0.0	Forced	Maintenance	0	3	ENGINE SHUTDOWN DUE TO DETONATION.
07/11/2018	0610	0.0	Scheduled	Maintenance	30	27	ENGINE MAINTENANCE.
07/12/2018	1524	0.0	Forced	Maintenance	2	6	ENGINE MAINTENANCE.
07/20/2018	1701	0.0	Forced	Fuel Outage	0	10	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
07/26/2018	1014	0.0	Forced	Maintenance	1	3	ENGINE MAINTENANCE.
08/13/2018	0900	0.0	Forced	Fuel Outage	0	12	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
08/23/2018	1020	0.0	Forced	Fuel Outage	0	11	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
08/30/2018	0706	0.0	Forced	Fuel Outage	2	2	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
09/05/2018	0910	0.0	Forced	Fuel Outage	0	55	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
09/13/2018	0910	0.0	Scheduled	Maintenance	5	1	ENGINE MAINTENANCE.
09/18/2018	0805	0.0	Forced	Maintenance	0	11	ENGINE MAINTENANCE.
09/21/2018	1947	0.0	Forced	Maintenance	15	54	ENGINE SHUTDOWN DUE TO DETONATION.
10/17/2018	0905	0.0	Forced	Fuel Outage	3	28	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
10/18/2018	1108	0.0	Forced	Fuel Outage	1	10	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
10/23/2018	0953	0.0	Scheduled	Maintenance	2	59	ENGINE MAINTENANCE.
10/24/2018	1549	0.0	Forced	Fuel Outage	0	53	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
10/27/2018	0830	0.0	Forced	Maintenance	0	41	FUEL SKID MAINTENANCE.





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Laurel Ridge Landfill

Unit 003

Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
05/03/2018	1146	0.0	Forced	Maintenance	0	2	ENGINE SHUTDOWN DUE TO DETONATION.
05/04/2018	1323	0.0	Forced	Maintenance	122	17	ENGINE MAINTENANCE.
05/24/2018	0900	0.0	Forced	Fuel Outage	0	12	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
06/05/2018	0900	0.0	Forced	Fuel Outage	2	13	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
06/22/2018	0900	0.0	Scheduled	Maintenance	4	0	ELECTRICAL MAINTENANCE.
07/20/2018	1701	0.0	Forced	Fuel Outage	0	15	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
07/24/2018	0724	0.0	Forced	Maintenance	2	8	ENGINE SHUTDOWN DUE TO DETONATION.
08/08/2018	0600	0.0	Scheduled	Maintenance	33	15	ENGINE MAINTENANCE.
08/09/2018	1555	0.0	Forced	Maintenance	0	13	ENGINE MAINTENANCE.
08/09/2018	1646	0.0	Forced	Maintenance	0	14	ENGINE MAINTENANCE.
08/10/2018	0740	0.0	Forced	Maintenance	0	22	ENGINE MAINTENANCE.
08/13/2018	0900	0.0	Forced	Fuel Outage	0	12	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
08/23/2018	1020	0.0	Forced	Fuel Outage	0	11	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
08/30/2018	0708	0.0	Forced	Fuel Outage	1	59	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
09/05/2018	0910	0.0	Forced	Fuel Outage	0	57	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
10/17/2018	0905	0.0	Forced	Fuel Outage	3	28	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
10/18/2018	1108	0.0	Forced	Fuel Outage	1	10	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
10/24/2018	1549	0.0	Forced	Fuel Outage	0	55	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
10/27/2018	0830	0.0	Forced	Maintenance	1	2	FUEL SKID MAINTENANCE.



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## Laurel Ridge Landfill

## Unit 004

Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
05/24/2018	0900	0.0	Forced	Fuel Outage	0	16	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
06/04/2018	1052	0.0	Forced	Maintenance	0	24	ENGINE SHUTDOWN DUE TO DETONATION.
06/05/2018	0900	0.0	Forced	Fuel Outage	2	15	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
06/07/2018	0900	0.0	Scheduled	Maintenance	3	4	ENGINE MAINTENANCE.
06/08/2018	1948	0.0	Forced	Maintenance	0	45	ENGINE SHUTDOWN DUE TO DETONATION.
06/22/2018	1015	0.0	Scheduled	Maintenance	2	31	ELECTRICAL MAINTENANCE.
07/04/2018	1234	0.0	Forced	Maintenance	3	19	ENGINE SHUTDOWN DUE TO DETONATION.
07/12/2018	0029	0.0	Forced	Fuel Outage	7	59	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
07/13/2018	1300	0.0	Forced	Maintenance	0	2	ENGINE SHUTDOWN DUE TO DETONATION.
07/13/2018	1611	0.0	Forced	Maintenance	0	26	ENGINE SHUTDOWN DUE TO DETONATION.
07/15/2018	1513	0.0	Forced	Maintenance	1	14	ENGINE SHUTDOWN DUE TO DETONATION.
07/19/2018	0900	0.0	Scheduled	Maintenance	2	29	ELECTRICAL MAINTENANCE.
08/13/2018	0900	0.0	Forced	Fuel Outage	0	12	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
08/30/2018	0706	0.0	Forced	Fuel Outage	2	3	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
08/30/2018	0912	0.0	Forced	Maintenance	0	2	ENGINE SHUTDOWN DUE TO DETONATION.
09/05/2018	0910	0.0	Forced	Fuel Outage	1	1	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
09/12/2018	0928	0.0	Forced	Maintenance	0	9	ENGINE SHUTDOWN DUE TO DETONATION.
10/10/2018	1055	0.0	Scheduled	Maintenance	1	16	ENGINE MAINTENANCE.
10/17/2018	0905	0.0	Forced	Fuel Outage	3	28	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
10/18/2018	1108	0.0	Forced	Fuel Outage	1	10	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
10/24/2018	1549	0.0	Forced	Fuel Outage	1	10	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
10/27/2018	0830	0.0	Forced	Maintenance	0	41	FUEL SKID MAINTENANCE.



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**Unit 001**

Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
05/15/2018	0843	0.0	Scheduled	Maintenance	6	9	RADIATOR MAINTENANCE.
05/15/2018	1623	0.0	Forced	Maintenance	0	38	FUEL SKID MAINTENANCE.
05/30/2018	2201	0.0	Forced	Maintenance	1	36	FUEL SKID MAINTENANCE.
06/01/2018	0949	0.0	Scheduled	Maintenance	0	31	ENGINE MAINTENANCE.
06/02/2018	1031	0.0	Forced	Maintenance	1	16	UTILITY BREAKER 52U OPERATION.
06/06/2018	0934	0.0	Scheduled	Maintenance	3	26	ENGINE MAINTENANCE.
06/12/2018	0903	0.0	Forced	Maintenance	1	12	GENERATOR PROTECTIVE RELAY FAULT.
06/12/2018	1026	0.0	Forced	Maintenance	0	2	GENERATOR PROTECTIVE RELAY FAULT.
06/12/2018	1029	0.0	Forced	Maintenance	0	58	GENERATOR PROTECTIVE RELAY FAULT.
07/03/2018	0814	0.0	Forced	Maintenance	6	7	ENGINE MAINTENANCE.
07/04/2018	1403	0.0	Forced	Maintenance	1	5	GENERATOR PROTECTIVE RELAY FAULT.
07/11/2018	0821	0.0	Forced	Maintenance	31	39	ENGINE MAINTENANCE.
07/12/2018	1609	0.0	Forced	Maintenance	0	6	GENERATOR PROTECTIVE RELAY FAULT.
07/12/2018	1616	0.0	Forced	Maintenance	0	12	GENERATOR PROTECTIVE RELAY FAULT.
07/12/2018	1629	0.0	Forced	Maintenance	2	3	ENGINE MAINTENANCE.
07/16/2018	1504	0.0	Forced	Maintenance	4	50	ELECTRICAL MAINTENANCE.
07/19/2018	0928	0.0	Scheduled	Maintenance	1	26	ENGINE MAINTENANCE.
07/20/2018	0652	0.0	Forced	Maintenance	0	25	ELECTRICAL MAINTENANCE.
07/20/2018	0845	0.0	Forced	Maintenance	4	53	ELECTRICAL MAINTENANCE.
07/21/2018	1117	0.0	Forced	Maintenance	0	31	ELECTRICAL MAINTENANCE.
07/21/2018	1407	0.0	Forced	Maintenance	0	39	UTILITY BREAKER 52U OPERATION.
08/06/2018	1236	0.0	Scheduled	Maintenance	1	16	ENGINE MAINTENANCE.
08/07/2018	0911	0.0	Forced	Maintenance	6	9	ENGINE MAINTENANCE.
08/07/2018	2102	0.0	Forced	Maintenance	1	24	CONDENSATE SYSTEM MAINTENANCE.
08/13/2018	1039	0.0	Forced	Maintenance	1	17	CONDENSATE SYSTEM MAINTENANCE.
08/13/2018	1224	0.0	Forced	Maintenance	4	17	CONDENSATE SYSTEM MAINTENANCE.
08/16/2018	1130	0.0	Forced	Maintenance	1	46	CONDENSATE SYSTEM MAINTENANCE.
08/17/2018	1550	0.0	Forced	Maintenance	0	10	UTILITY BREAKER 52U OPERATION.
08/18/2018	0404	0.0	Forced	Fuel Outage	3	27	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
08/20/2018	1044	0.0	Forced	Fuel Outage	7	14	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
08/21/2018	0827	0.0	Forced	Fuel Outage	5	34	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
08/21/2018	1910	0.0	Forced	Maintenance	11	21	UTILITY BREAKER 52U OPERATION.
08/22/2018	0721	0.0	Forced	Maintenance	0	30	ENGINE MAINTENANCE.
08/27/2018	1330	0.0	Forced	Fuel Outage	1	20	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
08/27/2018	1550	0.0	Forced	Fuel Outage	7	36	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
08/31/2018	1006	0.0	Scheduled	Maintenance	1	5	ENGINE MAINTENANCE.
09/10/2018	1311	0.0	Scheduled	Maintenance	0	26	ENGINE MAINTENANCE.
09/19/2018	1635	0.0	Forced	Maintenance	0	56	ENGINE SHUTDOWN DUE TO DETONATION.
09/26/2018	1826	0.0	Forced	Maintenance	0	4	ENGINE SHUTDOWN DUE TO DETONATION.



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**Bavarian Landfill**

**Unit 001**

Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
10/09/2018	0900	0.0	Scheduled	Maintenance	1	27	ENGINE MAINTENANCE.
10/23/2018	1200	0.0	Scheduled	Maintenance	2	57	SUBSTATION MAINTENANCE.



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**Bavarian Landfill**

**Unit 002**

Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
05/08/2018	0907	0.0	Scheduled	Maintenance	1	18	ENGINE MAINTENANCE.
05/15/2018	1623	0.0	Forced	Maintenance	0	38	FUEL SKID MAINTENANCE.
05/16/2018	0821	0.0	Scheduled	Maintenance	6	38	RADIATOR MAINTENANCE.
05/30/2018	2201	0.0	Forced	Maintenance	1	37	FUEL SKID MAINTENANCE.
06/02/2018	1031	0.0	Forced	Maintenance	1	16	UTILITY BREAKER 52U OPERATION.
06/08/2018	0416	0.0	Forced	Maintenance	1	14	ENGINE SHUTDOWN DUE TO DETONATION.
06/12/2018	1016	0.0	Scheduled	Maintenance	1	54	ENGINE MAINTENANCE.
06/21/2018	0903	0.0	Scheduled	Maintenance	1	46	ENGINE MAINTENANCE.
07/16/2018	0014	0.0	Forced	Maintenance	44	38	ELECTRICAL MAINTENANCE.
07/20/2018	0652	0.0	Forced	Maintenance	0	28	ELECTRICAL MAINTENANCE.
07/20/2018	0845	0.0	Forced	Maintenance	25	6	ELECTRICAL MAINTENANCE.
07/21/2018	0957	0.0	Forced	Maintenance	0	18	ELECTRICAL MAINTENANCE.
07/21/2018	1038	0.0	Forced	Maintenance	0	5	ELECTRICAL MAINTENANCE.
07/21/2018	1050	0.0	Forced	Maintenance	1	1	ELECTRICAL MAINTENANCE.
07/21/2018	1407	0.0	Forced	Maintenance	0	38	UTILITY BREAKER 52U OPERATION.
07/24/2018	0552	0.0	Scheduled	Maintenance	36	37	ENGINE MAINTENANCE.
07/26/2018	0910	0.0	Scheduled	Maintenance	9	8	ENGINE MAINTENANCE.
07/26/2018	1820	0.0	Forced	Maintenance	0	6	ENGINE MAINTENANCE.
07/27/2018	1108	0.0	Forced	Maintenance	0	22	ENGINE MAINTENANCE.
08/07/2018	2102	0.0	Forced	Maintenance	1	23	CONDENSATE SYSTEM MAINTENANCE.
08/13/2018	1039	0.0	Forced	Maintenance	1	16	CONDENSATE SYSTEM MAINTENANCE.
08/13/2018	1224	0.0	Forced	Maintenance	4	17	CONDENSATE SYSTEM MAINTENANCE.
08/16/2018	1130	0.0	Forced	Maintenance	1	44	CONDENSATE SYSTEM MAINTENANCE.
08/17/2018	1550	0.0	Forced	Maintenance	0	9	UTILITY BREAKER 52U OPERATION.
08/18/2018	0404	0.0	Forced	Fuel Outage	3	26	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
08/20/2018	1044	0.0	Forced	Fuel Outage	7	11	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
08/21/2018	0827	0.0	Forced	Fuel Outage	5	32	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
08/21/2018	1910	0.0	Forced	Maintenance	11	18	UTILITY BREAKER 52U OPERATION.
08/22/2018	0716	0.0	Forced	Maintenance	0	36	ENGINE MAINTENANCE.
08/27/2018	1330	0.0	Forced	Fuel Outage	1	20	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
08/27/2018	1550	0.0	Forced	Fuel Outage	7	34	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
08/31/2018	1156	0.0	Scheduled	Maintenance	1	51	ENGINE MAINTENANCE.
09/19/2018	1635	0.0	Forced	Maintenance	1	27	ENGINE SHUTDOWN DUE TO DETONATION.
10/01/2018	0918	0.0	Scheduled	Maintenance	0	34	ENGINE MAINTENANCE.
10/23/2018	1200	0.0	Scheduled	Maintenance	2	54	SUBSTATION MAINTENANCE.



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**Bavarian Landfill**

**Unit 003**

Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
05/08/2018	1030	0.0	Scheduled	Maintenance	0	55	ENGINE MAINTENANCE.
05/15/2018	1623	0.0	Forced	Maintenance	0	40	FUEL SKID MAINTENANCE.
05/17/2018	1222	0.0	Scheduled	Maintenance	2	23	RADIATOR MAINTENANCE.
05/19/2018	0057	0.0	Forced	Maintenance	1	29	ENGINE MAINTENANCE.
05/30/2018	2201	0.0	Forced	Maintenance	1	46	FUEL SKID MAINTENANCE.
06/02/2018	1031	0.0	Forced	Maintenance	1	31	UTILITY BREAKER 52U OPERATION.
06/12/2018	1210	0.0	Scheduled	Maintenance	0	23	ENGINE MAINTENANCE.
06/21/2018	1050	0.0	Scheduled	Maintenance	1	2	ENGINE MAINTENANCE.
07/16/2018	1504	0.0	Forced	Maintenance	4	50	ELECTRICAL MAINTENANCE.
07/18/2018	1024	0.0	Scheduled	Maintenance	2	1	ENGINE MAINTENANCE.
07/20/2018	0652	0.0	Forced	Maintenance	0	25	ELECTRICAL MAINTENANCE.
07/20/2018	0845	0.0	Forced	Maintenance	4	43	ELECTRICAL MAINTENANCE.
07/21/2018	1117	0.0	Forced	Maintenance	0	32	ELECTRICAL MAINTENANCE.
07/21/2018	1407	0.0	Forced	Maintenance	0	39	UTILITY BREAKER 52U OPERATION.
07/26/2018	0911	0.0	Forced	Maintenance	0	31	ENGINE MAINTENANCE.
08/07/2018	2102	0.0	Forced	Maintenance	1	40	CONDENSATE SYSTEM MAINTENANCE.
08/13/2018	1039	0.0	Forced	Maintenance	6	4	CONDENSATE SYSTEM MAINTENANCE.
08/16/2018	1130	0.0	Forced	Maintenance	1	48	CONDENSATE SYSTEM MAINTENANCE.
08/17/2018	1550	0.0	Forced	Maintenance	0	12	UTILITY BREAKER 52U OPERATION.
08/18/2018	0404	0.0	Forced	Fuel Outage	3	28	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
08/20/2018	0957	0.0	Scheduled	Maintenance	2	0	ENGINE MAINTENANCE.
08/20/2018	1157	0.0	Forced	Fuel Outage	6	2	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
08/21/2018	0827	0.0	Forced	Fuel Outage	5	36	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
08/21/2018	1910	0.0	Forced	Maintenance	11	17	UTILITY BREAKER 52U OPERATION.
08/22/2018	0717	0.0	Forced	Maintenance	0	34	ENGINE MAINTENANCE.
08/27/2018	1330	0.0	Forced	Fuel Outage	1	29	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
08/27/2018	1550	0.0	Forced	Fuel Outage	7	34	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
08/27/2018	2324	0.0	Forced	Maintenance	65	4	ENGINE MAINTENANCE.
08/30/2018	1652	0.0	Forced	Maintenance	0	38	ENGINE MAINTENANCE.
09/12/2018	2135	0.0	Forced	Maintenance	1	13	GENERATOR PROTECTIVE RELAY FAULT.
09/19/2018	1635	0.0	Forced	Maintenance	1	35	ENGINE SHUTDOWN DUE TO DETONATION.
09/23/2018	1628	0.0	Forced	Maintenance	1	49	ENGINE SHUTDOWN DUE TO DETONATION.
09/26/2018	1827	0.0	Forced	Maintenance	0	3	ENGINE SHUTDOWN DUE TO DETONATION.
09/27/2018	0039	0.0	Forced	Maintenance	5	29	ENGINE SHUTDOWN DUE TO DETONATION.
10/01/2018	0953	0.0	Scheduled	Maintenance	0	31	ENGINE MAINTENANCE.
10/23/2018	0940	0.0	Scheduled	Maintenance	2	20	ENGINE MAINTENANCE.
10/23/2018	1200	0.0	Scheduled	Maintenance	2	56	SUBSTATION MAINTENANCE.



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**Unit 004**

Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
05/15/2018	1623	0.0	Forced	Maintenance	0	38	FUEL SKID MAINTENANCE.
05/17/2018	0917	0.0	Scheduled	Maintenance	3	4	RADIATOR MAINTENANCE.
05/18/2018	2248	0.0	Forced	Maintenance	16	29	RADIATOR MAINTENANCE.
05/23/2018	0900	0.0	Scheduled	Maintenance	4	12	ENGINE MAINTENANCE.
05/24/2018	1458	0.0	Forced	Maintenance	143	8	RADIATOR MAINTENANCE.
05/30/2018	1448	0.0	Forced	Maintenance	24	39	RADIATOR MAINTENANCE.
05/31/2018	1555	0.0	Forced	Maintenance	8	5	RADIATOR MAINTENANCE.
06/01/2018	0000	0.0	Forced	Maintenance	14	12	RADIATOR MAINTENANCE.
06/01/2018	1424	0.0	Forced	Maintenance	0	6	RADIATOR MAINTENANCE.
06/01/2018	1623	0.0	Forced	Maintenance	0	45	RADIATOR MAINTENANCE.
06/02/2018	1031	0.0	Forced	Maintenance	1	15	UTILITY BREAKER 52U OPERATION.
07/16/2018	1204	0.0	Forced	Maintenance	8	24	ELECTRICAL MAINTENANCE.
07/16/2018	2115	0.0	Forced	Maintenance	11	26	ENGINE MAINTENANCE.
07/18/2018	1226	0.0	Scheduled	Maintenance	4	2	ENGINE MAINTENANCE.
07/19/2018	2307	0.0	Forced	Maintenance	8	41	ELECTRICAL MAINTENANCE.
07/20/2018	0753	0.0	Forced	Maintenance	0	23	ELECTRICAL MAINTENANCE.
07/20/2018	0842	0.0	Forced	Maintenance	2	49	ELECTRICAL MAINTENANCE.
07/21/2018	1117	0.0	Forced	Maintenance	0	31	ELECTRICAL MAINTENANCE.
07/21/2018	1407	0.0	Forced	Maintenance	0	40	UTILITY BREAKER 52U OPERATION.
08/06/2018	1044	0.0	Scheduled	Maintenance	1	51	ENGINE MAINTENANCE.
08/07/2018	2102	0.0	Forced	Maintenance	1	23	CONDENSATE SYSTEM MAINTENANCE.
08/13/2018	1039	0.0	Forced	Maintenance	1	21	CONDENSATE SYSTEM MAINTENANCE.
08/13/2018	1224	0.0	Forced	Maintenance	4	16	CONDENSATE SYSTEM MAINTENANCE.
08/16/2018	1130	0.0	Forced	Maintenance	1	44	CONDENSATE SYSTEM MAINTENANCE.
08/17/2018	1550	0.0	Forced	Maintenance	0	9	UTILITY BREAKER 52U OPERATION.
08/18/2018	0404	0.0	Forced	Fuel Outage	3	26	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
08/20/2018	1044	0.0	Forced	Fuel Outage	7	32	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
08/21/2018	0827	0.0	Forced	Fuel Outage	5	32	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
08/21/2018	1910	0.0	Forced	Maintenance	11	17	UTILITY BREAKER 52U OPERATION.
08/22/2018	0714	0.0	Forced	Maintenance	0	38	ENGINE MAINTENANCE.
08/27/2018	1330	0.0	Forced	Fuel Outage	1	20	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
08/27/2018	1550	0.0	Forced	Fuel Outage	7	34	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
08/31/2018	1113	0.0	Scheduled	Maintenance	0	42	ENGINE MAINTENANCE.
09/10/2018	1337	0.0	Scheduled	Maintenance	0	18	ENGINE MAINTENANCE.
09/19/2018	1635	0.0	Forced	Maintenance	0	56	ENGINE SHUTDOWN DUE TO DETONATION.
09/22/2018	2344	0.0	Forced	Maintenance	7	7	ENGINE SHUTDOWN DUE TO DETONATION.
10/09/2018	1027	0.0	Scheduled	Maintenance	0	44	ENGINE MAINTENANCE.
10/23/2018	1200	0.0	Scheduled	Maintenance	2	54	SUBSTATION MAINTENANCE.





Production Management Reporting System

**Appendix B**

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**Bavarian Landfill**

**Unit 005**

Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
05/06/2018	0736	0.0	Forced	Maintenance	9	59	ENGINE SHUTDOWN DUE TO DETONATION.
05/06/2018	2009	0.0	Forced	Maintenance	17	16	ENGINE SHUTDOWN DUE TO DETONATION.
05/08/2018	1347	0.0	Forced	Maintenance	0	13	ENGINE SHUTDOWN DUE TO DETONATION.
05/10/2018	0844	0.0	Forced	Maintenance	0	39	ENGINE SHUTDOWN DUE TO DETONATION.
05/12/2018	1350	0.0	Forced	Maintenance	2	7	ENGINE SHUTDOWN DUE TO DETONATION.
05/15/2018	1600	0.0	Forced	Maintenance	0	13	GENERATOR PROTECTIVE RELAY FAULT.
05/21/2018	0652	0.0	Forced	Maintenance	1	31	FUEL SKID MAINTENANCE.
05/27/2018	0948	0.0	Forced	Maintenance	4	12	FUEL SKID MAINTENANCE.
05/28/2018	2057	0.0	Forced	Maintenance	1	52	ENGINE SHUTDOWN DUE TO DETONATION.
05/30/2018	2201	0.0	Forced	Maintenance	2	16	FUEL SKID MAINTENANCE.
06/02/2018	1031	0.0	Forced	Maintenance	1	37	UTILITY BREAKER 52U OPERATION.
06/10/2018	1439	0.0	Forced	Maintenance	1	25	ENGINE SHUTDOWN DUE TO DETONATION.
06/11/2018	0910	0.0	Forced	Maintenance	78	56	ENGINE MAINTENANCE.
06/16/2018	1530	0.0	Forced	Maintenance	3	50	FUEL SKID MAINTENANCE.
06/17/2018	1446	0.0	Forced	Maintenance	2	38	FUEL SKID MAINTENANCE.
07/01/2018	1423	0.0	Forced	Maintenance	2	34	ENGINE SHUTDOWN DUE TO DETONATION.
07/09/2018	1120	0.0	Forced	Maintenance	2	15	ENGINE SHUTDOWN DUE TO DETONATION.
07/09/2018	1340	0.0	Forced	Maintenance	1	20	ENGINE SHUTDOWN DUE TO DETONATION.
07/09/2018	1505	0.0	Forced	Maintenance	0	10	ENGINE SHUTDOWN DUE TO DETONATION.
07/09/2018	1517	0.0	Forced	Maintenance	0	10	ENGINE SHUTDOWN DUE TO DETONATION.
07/09/2018	1530	0.0	Forced	Maintenance	0	15	ENGINE SHUTDOWN DUE TO DETONATION.
07/09/2018	1554	0.0	Forced	Maintenance	45	19	ENGINE MAINTENANCE.
07/16/2018	1203	0.0	Forced	Maintenance	0	39	ENGINE MAINTENANCE.
07/16/2018	1513	0.0	Forced	Maintenance	5	6	ELECTRICAL MAINTENANCE.
07/19/2018	1202	0.0	Scheduled	Maintenance	2	51	ENGINE MAINTENANCE.
07/20/2018	0655	0.0	Forced	Maintenance	0	40	ELECTRICAL MAINTENANCE.
07/20/2018	0845	0.0	Forced	Maintenance	4	52	ELECTRICAL MAINTENANCE.
07/21/2018	1117	0.0	Forced	Maintenance	0	44	ELECTRICAL MAINTENANCE.
07/21/2018	1225	0.0	Forced	Maintenance	0	7	ENGINE SHUTDOWN DUE TO DETONATION.
07/21/2018	1234	0.0	Forced	Maintenance	4	52	ENGINE MAINTENANCE.
07/29/2018	1733	0.0	Forced	Maintenance	3	36	ENGINE SHUTDOWN DUE TO DETONATION.
08/09/2018	1425	0.0	Forced	Maintenance	0	12	ENGINE SHUTDOWN DUE TO DETONATION.
08/09/2018	1441	0.0	Forced	Maintenance	5	22	ENGINE SHUTDOWN DUE TO DETONATION.
08/12/2018	2132	0.0	Forced	Maintenance	9	33	ENGINE SHUTDOWN DUE TO DETONATION.
08/13/2018	1339	0.0	Forced	Maintenance	3	13	CONDENSATE SYSTEM MAINTENANCE.
08/15/2018	0606	0.0	Scheduled	Maintenance	15	33	ENGINE MAINTENANCE.
08/17/2018	1550	0.0	Forced	Maintenance	0	19	UTILITY BREAKER 52U OPERATION.
08/20/2018	1308	0.0	Forced	Fuel Outage	5	54	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
08/20/2018	1911	0.0	Forced	Maintenance	159	26	ENGINE MAINTENANCE.
08/27/2018	1640	0.0	Forced	Fuel Outage	17	4	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
09/02/2018	1936	0.0	Forced	Maintenance	1	10	ENGINE MAINTENANCE.



Production Management Reporting System

**Appendix B**

**From: May 1, 2018 thru October 31, 2018**

**Bavarian Landfill**

**Unit 005**

Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
09/05/2018	1040	0.0	Scheduled	Maintenance	2	40	FUEL SKID MAINTENANCE.
09/10/2018	0914	0.0	Scheduled	Maintenance	2	47	FUEL SKID MAINTENANCE.
09/11/2018	1629	0.0	Forced	Maintenance	3	6	ENGINE SHUTDOWN DUE TO DETONATION.
09/16/2018	1648	0.0	Forced	Maintenance	18	11	GENERATOR PROTECTIVE RELAY FAULT.
09/17/2018	2248	0.0	Forced	Maintenance	8	6	GENERATOR PROTECTIVE RELAY FAULT.
09/18/2018	0907	0.0	Scheduled	Maintenance	2	2	ENGINE MAINTENANCE.
09/18/2018	1254	0.0	Forced	Maintenance	0	28	ENGINE SHUTDOWN DUE TO DETONATION.
09/19/2018	1003	0.0	Forced	Maintenance	1	51	ENGINE SHUTDOWN DUE TO DETONATION.
09/19/2018	1206	0.0	Forced	Maintenance	27	47	ENGINE SHUTDOWN DUE TO DETONATION.
09/20/2018	1559	0.0	Forced	Maintenance	145	45	ENGINE SHUTDOWN DUE TO DETONATION.
09/26/2018	1751	0.0	Forced	Maintenance	20	44	ENGINE MAINTENANCE.
10/02/2018	0131	0.0	Forced	Maintenance	1	44	GENERATOR PROTECTIVE RELAY FAULT.
10/03/2018	1010	0.0	Scheduled	Maintenance	1	32	ELECTRICAL MAINTENANCE.
10/03/2018	1852	0.0	Forced	Maintenance	3	11	GENERATOR PROTECTIVE RELAY FAULT.
10/09/2018	1820	0.0	Forced	Maintenance	1	42	GENERATOR PROTECTIVE RELAY FAULT.
10/15/2018	1505	0.0	Scheduled	Maintenance	2	1	ENGINE MAINTENANCE.
10/15/2018	1736	0.0	Scheduled	Maintenance	0	14	ENGINE MAINTENANCE.
10/16/2018	0647	0.0	Scheduled	Maintenance	0	46	ENGINE MAINTENANCE.
10/16/2018	1154	0.0	Scheduled	Maintenance	0	14	ENGINE MAINTENANCE.
10/16/2018	1413	0.0	Forced	Maintenance	0	29	ENGINE MAINTENANCE.
10/23/2018	1207	0.0	Scheduled	Maintenance	2	56	SUBSTATION MAINTENANCE.
10/25/2018	0930	0.0	Forced	Maintenance	2	30	ENGINE MAINTENANCE.
10/28/2018	1406	0.0	Forced	Maintenance	1	42	ENGINE MAINTENANCE.
10/28/2018	1612	0.0	Forced	Maintenance	0	57	ENGINE MAINTENANCE.
10/30/2018	2157	0.0	Forced	Maintenance	1	12	ENGINE MAINTENANCE.





Production Management Reporting System

Appendix B

From: May 1, 2018 thru October 31, 2018

Hardin Co. Landfill

Unit 001

Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
05/01/2018	0000	0.0	Forced	Fuel Outage	744	0	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
06/01/2018	0000	0.0	Forced	Fuel Outage	720	0	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
07/01/2018	0000	0.0	Forced	Fuel Outage	744	0	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
08/01/2018	0000	0.0	Forced	Fuel Outage	744	0	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
09/01/2018	0000	0.0	Forced	Fuel Outage	720	0	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
10/01/2018	0000	0.0	Forced	Fuel Outage	744	0	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	
05/08/2018	0900	0.0	Forced	Fuel Outage	28	35	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
05/10/2018	0745	0.0	Forced	Fuel Outage	176	0	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
05/18/2018	1230	0.0	Forced	Fuel Outage	92	10	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
05/23/2018	1440	0.0	Forced	Fuel Outage	0	15	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
05/24/2018	0525	0.0	Forced	Fuel Outage	4	35	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
05/24/2018	1015	0.0	Forced	Maintenance	0	10	GENERATOR PROTECTIVE RELAY FAULT.
05/24/2018	1030	0.0	Forced	Maintenance	0	10	GENERATOR PROTECTIVE RELAY FAULT.
06/04/2018	1000	0.0	Forced	Fuel Outage	3	30	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
06/07/2018	1415	0.0	Forced	Fuel Outage	456	2	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
07/17/2018	1730	0.0	Forced	Maintenance	0	30	ENGINE SHUTDOWN DUE TO DETONATION.
07/23/2018	0900	0.0	Forced	Fuel Outage	48	0	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
08/17/2018	1320	0.0	Forced	Maintenance	2	0	UTILITY BREAKER 52U OPERATION CAUSED BY STORMS.
08/18/2018	1300	0.0	Forced	Maintenance	2	15	UTILITY BREAKER 52U OPERATION CAUSED BY STORMS.
08/24/2018	1130	0.0	Forced	Maintenance	6	30	GENERATOR PROTECTIVE RELAY FAULT.
09/03/2018	0210	0.0	Forced	Maintenance	7	10	ENGINE SHUTDOWN DUE TO DETONATION.
09/06/2018	0900	0.0	Forced	Maintenance	507	45	UTILITY BREAKER 52U OPERATION.
09/28/2018	1530	0.0	Forced	Maintenance	1	55	UTILITY BREAKER 52U OPERATION.
10/03/2018	0200	0.0	Forced	Maintenance	6	0	GENERATOR PROTECTIVE RELAY FAULT.
10/03/2018	0810	0.0	Forced	Maintenance	0	10	ENGINE SHUTDOWN DUE TO DETONATION.
10/05/2018	1430	0.0	Forced	Maintenance	2	20	ENGINE SHUTDOWN DUE TO DETONATION.
10/05/2018	1715	0.0	Forced	Maintenance	0	25	ENGINE SHUTDOWN DUE TO DETONATION.
10/08/2018	0750	0.0	Forced	Maintenance	0	10	ENGINE SHUTDOWN DUE TO DETONATION.
10/08/2018	1400	0.0	Forced	Maintenance	0	10	ENGINE SHUTDOWN DUE TO DETONATION.
10/08/2018	1515	0.0	Forced	Maintenance	0	20	ENGINE SHUTDOWN DUE TO DETONATION.
10/10/2018	1045	0.0	Forced	Fuel Outage	45	0	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
10/19/2018	0745	0.0	Forced	Maintenance	1	15	UTILITY BREAKER 52U OPERATION.
10/19/2018	0950	0.0	Scheduled	Maintenance	0	35	ENGINE MAINTENANCE.
10/22/2018	0410	0.0	Forced	Fuel Outage	4	50	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
10/30/2018	1030	0.0	Forced	Fuel Outage	3	15	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.



Production Management Reporting System

**Appendix B**

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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	
05/01/2018	0000	0.0	Forced	Fuel Outage	177	0	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
05/09/2018	1335	0.0	Forced	Fuel Outage	18	25	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
05/17/2018	1545	0.0	Forced	Fuel Outage	20	45	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
05/22/2018	0840	0.0	Forced	Fuel Outage	30	0	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
05/23/2018	1455	0.0	Forced	Fuel Outage	201	5	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
06/01/2018	0000	0.0	Forced	Fuel Outage	82	0	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
06/04/2018	1330	0.0	Forced	Fuel Outage	75	0	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
06/21/2018	0805	0.0	Forced	Fuel Outage	1	35	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
06/24/2018	0705	0.0	Forced	Fuel Outage	26	3	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
06/26/2018	1300	0.0	Forced	Fuel Outage	107	0	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
07/01/2018	0000	0.0	Forced	Fuel Outage	537	0	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
07/25/2018	0900	0.0	Forced	Fuel Outage	159	0	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
08/01/2018	0000	0.0	Forced	Fuel Outage	0	0	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
09/01/2018	0000	0.0	Forced	Fuel Outage	0	0	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
10/01/2018	0000	0.0	Forced	Fuel Outage	227	5	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
10/12/2018	0350	0.0	Forced	Maintenance	2	10	GENERATOR PROTECTIVE RELAY FAULT.
10/12/2018	0740	0.0	Forced	Fuel Outage	472	20	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.



Production Management Reporting System

**Appendix B**

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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	
05/14/2018	0910	0.0	Scheduled	Maintenance	1	37	ENGINE MAINTENANCE.
05/14/2018	1048	0.0	Forced	Maintenance	0	3	GENERATOR PROTECTIVE RELAY FAULT.
05/30/2018	1708	0.0	Forced	Fuel Outage	30	52	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
06/01/2018	0000	0.0	Forced	Fuel Outage	16	51	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
06/05/2018	0908	0.0	Scheduled	Maintenance	1	37	ENGINE MAINTENANCE.
07/07/2018	0243	0.0	Forced	Maintenance	6	54	ENGINE SHUTDOWN DUE TO DETONATION.
07/18/2018	1431	0.0	Forced	Maintenance	0	6	ENGINE SHUTDOWN DUE TO DETONATION.
07/18/2018	1443	0.0	Forced	Maintenance	0	4	ENGINE SHUTDOWN DUE TO DETONATION.
07/18/2018	1506	0.0	Forced	Maintenance	0	13	ENGINE SHUTDOWN DUE TO DETONATION.
07/19/2018	1347	0.0	Forced	Maintenance	1	35	UTILITY BREAKER 52U OPERATION.
07/24/2018	0840	0.0	Forced	Maintenance	0	26	UTILITY BREAKER 52U OPERATION.
07/24/2018	0906	0.0	Forced	Fuel Outage	8	42	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
07/24/2018	1804	0.0	Forced	Maintenance	0	6	ENGINE SHUTDOWN DUE TO DETONATION.
07/27/2018	1650	0.0	Forced	Maintenance	4	52	UTILITY BREAKER 52U OPERATION.
07/29/2018	0833	0.0	Forced	Maintenance	6	38	UTILITY BREAKER 52U OPERATION.
07/31/2018	0908	0.0	Scheduled	Maintenance	2	55	ENGINE MAINTENANCE.
08/05/2018	1428	0.0	Scheduled	Maintenance	633	32	PLANT SHUT DOWN DUE TO BUILDING MAINTENANCE.
09/01/2018	0000	0.0	Scheduled	Maintenance	720	0	PLANT SHUT DOWN DUE TO BUILDING MAINTENANCE.
10/01/2018	0000	0.0	Scheduled	Maintenance	744	0	PLANT SHUT DOWN DUE TO BUILDING MAINTENANCE.



Production Management Reporting System

Appendix B

From: May 1, 2018 thru October 31, 2018

Pendleton Co. Landfill

Unit 002

Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
05/03/2018	0230	0.0	Forced	Maintenance	5	13	ENGINE SHUTDOWN DUE TO DETONATION.
05/15/2018	0104	0.0	Forced	Maintenance	6	20	ENGINE SHUTDOWN DUE TO DETONATION.
05/18/2018	0911	0.0	Forced	Maintenance	2	46	ENGINE MAINTENANCE.
05/29/2018	1307	0.0	Forced	Maintenance	0	16	ENGINE SHUTDOWN DUE TO DETONATION.
05/30/2018	1708	0.0	Forced	Fuel Outage	30	52	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
06/01/2018	0000	0.0	Forced	Fuel Outage	16	38	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
06/05/2018	1048	0.0	Scheduled	Maintenance	1	4	ENGINE MAINTENANCE.
06/15/2018	0536	0.0	Forced	Maintenance	4	7	ELECTRICAL MAINTENANCE.
07/16/2018	0906	0.0	Scheduled	Maintenance	53	24	ENGINE MAINTENANCE.
07/19/2018	1347	0.0	Forced	Maintenance	1	31	UTILITY BREAKER 52U OPERATION.
07/23/2018	1400	0.0	Forced	Maintenance	2	32	ENGINE MAINTENANCE.
07/24/2018	0840	0.0	Forced	Maintenance	0	26	UTILITY BREAKER 52U OPERATION.
07/24/2018	0906	0.0	Forced	Fuel Outage	8	39	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
07/27/2018	1650	0.0	Forced	Maintenance	4	53	UTILITY BREAKER 52U OPERATION.
07/29/2018	0833	0.0	Forced	Maintenance	3	48	UTILITY BREAKER 52U OPERATION.
08/05/2018	1428	0.0	Scheduled	Maintenance	633	32	PLANT SHUT DOWN DUE TO BUILDING MAINTENANCE.
09/01/2018	0000	0.0	Scheduled	Maintenance	720	0	PLANT SHUT DOWN DUE TO BUILDING MAINTENANCE.
10/01/2018	0000	0.0	Scheduled	Maintenance	744	0	PLANT SHUT DOWN DUE TO BUILDING MAINTENANCE.



Production Management Reporting System

**Appendix B**

**From: May 1, 2018 thru October 31, 2018**

**Pendleton Co. Landfill**

**Unit 003**

Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
05/09/2018	2225	0.0	Forced	Maintenance	9	29	ENGINE SHUTDOWN DUE TO DETONATION.
05/21/2018	0905	0.0	Forced	Maintenance	1	17	ENGINE MAINTENANCE.
05/24/2018	1824	0.0	Forced	Maintenance	12	51	ENGINE SHUTDOWN DUE TO DETONATION.
05/29/2018	0611	0.0	Forced	Maintenance	2	19	ENGINE SHUTDOWN DUE TO DETONATION.
05/30/2018	1708	0.0	Forced	Fuel Outage	30	52	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
06/01/2018	0000	0.0	Forced	Fuel Outage	16	48	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
06/04/2018	0915	0.0	Forced	Maintenance	0	45	ENGINE MAINTENANCE.
06/07/2018	0905	0.0	Scheduled	Maintenance	1	35	ENGINE MAINTENANCE.
06/26/2018	0930	0.0	Forced	Maintenance	0	32	ENGINE MAINTENANCE.
07/19/2018	1347	0.0	Forced	Maintenance	1	27	UTILITY BREAKER 52U OPERATION.
07/24/2018	0725	0.0	Scheduled	Maintenance	1	15	ENGINE MAINTENANCE.
07/24/2018	0840	0.0	Forced	Maintenance	0	26	UTILITY BREAKER 52U OPERATION.
07/24/2018	0906	0.0	Forced	Fuel Outage	8	34	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
07/24/2018	1740	0.0	Forced	Maintenance	15	55	ENGINE MAINTENANCE.
07/27/2018	1650	0.0	Forced	Maintenance	63	13	UTILITY BREAKER 52U OPERATION.
08/05/2018	1436	0.0	Scheduled	Maintenance	633	24	PLANT SHUT DOWN DUE TO BUILDING MAINTENANCE.
09/01/2018	0000	0.0	Scheduled	Maintenance	720	0	PLANT SHUT DOWN DUE TO BUILDING MAINTENANCE.
10/01/2018	0000	0.0	Scheduled	Maintenance	744	0	PLANT SHUT DOWN DUE TO BUILDING MAINTENANCE.



Production Management Reporting System

**Appendix B**

**From: May 1, 2018 thru October 31, 2018**

**Pendleton Co. Landfill**

**Unit 004**

Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
05/24/2018	0908	0.0	Forced	Maintenance	0	30	ELECTRICAL MAINTENANCE.
05/29/2018	0901	0.0	Scheduled	Maintenance	7	9	ENGINE MAINTENANCE.
05/30/2018	1708	0.0	Forced	Fuel Outage	30	52	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
06/01/2018	0000	0.0	Forced	Fuel Outage	16	40	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
06/14/2018	1022	0.0	Forced	Maintenance	1	8	ENGINE MAINTENANCE.
07/11/2018	0913	0.0	Scheduled	Maintenance	3	6	ENGINE MAINTENANCE.
07/18/2018	1415	0.0	Forced	Maintenance	0	30	ENGINE SHUTDOWN DUE TO DETONATION.
07/19/2018	1347	0.0	Forced	Maintenance	1	20	UTILITY BREAKER 52U OPERATION.
07/24/2018	0840	0.0	Forced	Maintenance	0	26	UTILITY BREAKER 52U OPERATION.
07/24/2018	0906	0.0	Forced	Fuel Outage	8	34	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
07/24/2018	1753	0.0	Forced	Maintenance	0	4	ENGINE SHUTDOWN DUE TO DETONATION.
07/24/2018	1759	0.0	Forced	Maintenance	0	3	ENGINE SHUTDOWN DUE TO DETONATION.
07/24/2018	1813	0.0	Forced	Maintenance	0	1	ENGINE SHUTDOWN DUE TO DETONATION.
07/24/2018	1855	0.0	Forced	Maintenance	0	3	ENGINE SHUTDOWN DUE TO DETONATION.
07/27/2018	1650	0.0	Forced	Maintenance	4	59	UTILITY BREAKER 52U OPERATION.
07/29/2018	0833	0.0	Forced	Maintenance	3	57	UTILITY BREAKER 52U OPERATION.
07/29/2018	1245	0.0	Forced	Maintenance	0	25	ENGINE SHUTDOWN DUE TO DETONATION.
07/29/2018	1352	0.0	Forced	Maintenance	0	40	ENGINE SHUTDOWN DUE TO DETONATION.
08/05/2018	1428	0.0	Scheduled	Maintenance	633	32	PLANT SHUT DOWN DUE TO BUILDING MAINTENANCE.
09/01/2018	0000	0.0	Scheduled	Maintenance	720	0	PLANT SHUT DOWN DUE TO BUILDING MAINTENANCE.
10/01/2018	0000	0.0	Scheduled	Maintenance	744	0	PLANT SHUT DOWN DUE TO BUILDING MAINTENANCE.



Production Management Reporting System

## Appendix B

From: May 1, 2018 thru October 31, 2018

PSC Request 15

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## Glasgow Landfill Gas

## Unit 001

Date	Time Off/On	Available MW	Forced or Scheduled	Status	Actual		Cause or Reason
					Hours	Minutes	
05/01/2018	0000	0.0	Forced	Maintenance	6	30	ENGINE SHUTDOWN DUE TO DETONATION.
05/01/2018	1330	0.0	Forced	Maintenance	0	20	ENGINE SHUTDOWN DUE TO DETONATION.
05/01/2018	1525	0.0	Forced	Maintenance	1	40	ENGINE MAINTENANCE.
05/01/2018	1825	0.0	Forced	Maintenance	12	55	ENGINE SHUTDOWN DUE TO DETONATION.
05/02/2018	1135	0.0	Forced	Maintenance	0	10	ENGINE SHUTDOWN DUE TO DETONATION.
05/02/2018	1150	0.0	Forced	Maintenance	0	5	ENGINE SHUTDOWN DUE TO DETONATION.
05/02/2018	1300	0.0	Forced	Maintenance	0	30	ENGINE SHUTDOWN DUE TO DETONATION.
05/02/2018	2030	0.0	Forced	Maintenance	17	25	ENGINE SHUTDOWN DUE TO DETONATION.
05/13/2018	0035	0.0	Forced	Maintenance	9	35	GENERATOR PROTECTIVE RELAY FAULT.
05/16/2018	0715	0.0	Forced	Maintenance	4	45	GENERATOR PROTECTIVE RELAY FAULT.
05/16/2018	1205	0.0	Forced	Maintenance	1	20	GENERATOR PROTECTIVE RELAY FAULT.
05/20/2018	0635	0.0	Forced	Fuel Outage	6	25	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
05/24/2018	1050	0.0	Scheduled	Maintenance	0	20	ENGINE MAINTENANCE.
05/25/2018	1015	0.0	Forced	Maintenance	7	45	UTILITY BREAKER 52U OPERATION CAUSED BY STORMS.
05/31/2018	1825	0.0	Forced	Maintenance	1	35	UTILITY BREAKER 52U OPERATION CAUSED BY STORMS.
06/08/2018	0900	0.0	Forced	Maintenance	4	0	ENGINE MAINTENANCE.
06/18/2018	1130	0.0	Scheduled	Maintenance	2	35	ENGINE MAINTENANCE.
06/26/2018	2215	0.0	Forced	Maintenance	35	4	UTILITY BREAKER 52U OPERATION CAUSED BY STORMS.
06/28/2018	1005	0.0	Scheduled	Maintenance	0	18	ENGINE MAINTENANCE.
07/24/2018	0900	0.0	Scheduled	Maintenance	9	50	ENGINE MAINTENANCE.
07/26/2018	0810	0.0	Forced	Maintenance	1	50	ENGINE MAINTENANCE.
08/13/2018	2100	0.0	Forced	Maintenance	14	55	ENGINE MAINTENANCE.
08/14/2018	1215	0.0	Forced	Maintenance	0	25	ENGINE MAINTENANCE.
08/14/2018	1300	0.0	Forced	Maintenance	44	40	ENGINE MAINTENANCE.
09/05/2018	1015	0.0	Scheduled	Maintenance	0	20	CONDENSATE SYSTEM MAINTENANCE.
09/10/2018	0830	0.0	Scheduled	Maintenance	4	30	ENGINE MAINTENANCE.
09/22/2018	0550	0.0	Forced	Maintenance	3	10	UTILITY BREAKER 52U OPERATION.
09/28/2018	1230	0.0	Forced	Maintenance	2	45	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
10/12/2018	0950	0.0	Scheduled	Maintenance	0	40	ENGINE MAINTENANCE.
10/12/2018	1235	0.0	Scheduled	Maintenance	0	55	ENGINE MAINTENANCE.
10/14/2018	0900	0.0	Forced	Fuel Outage	3	0	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
10/17/2018	2330	0.0	Forced	Maintenance	11	20	GENERATOR PROTECTIVE RELAY FAULT.
10/18/2018	1335	0.0	Scheduled	Maintenance	0	40	ENGINE MAINTENANCE.
10/21/2018	0010	0.0	Forced	Maintenance	38	10	GENERATOR PROTECTIVE RELAY FAULT.
10/24/2018	1140	0.0	Scheduled	Maintenance	2	0	ENGINE MAINTENANCE.
10/29/2018	0900	0.0	Scheduled	Maintenance	4	5	ENGINE MAINTENANCE.
10/30/2018	0835	0.0	Scheduled	Maintenance	4	25	ENGINE MAINTENANCE.



**EAST KENTUCKY POWER COOPERATIVE, INC.**  
**PSC CASE NO. 2019-00003**  
**FUEL ADJUSTMENT CLAUSE**  
**RESPONSE TO INFORMATION REQUEST**

**COMMISSION STAFF'S INFORMATION REQUEST DATED 02/11/19**  
**REQUEST 16**

**RESPONSIBLE PARTY:            Craig A. Johnson**

**Request 16.**            For the last six months of the period under review, provide the monthly capacity factor at which each generating unit operated.

**Response 16.**            Please see pages 2 through 7 of this response.

Unit	Year	Month	Net Capacity Factor
Bluegrass Unit No. 1	2018	5	0.00%
Bluegrass Unit No. 1	2018	6	2.88%
Bluegrass Unit No. 1	2018	7	0.69%
Bluegrass Unit No. 1	2018	8	0.97%
Bluegrass Unit No. 1	2018	9	5.04%
Bluegrass Unit No. 1	2018	10	0.00%
Bluegrass Unit No. 2	2018	5	0.00%
Bluegrass Unit No. 2	2018	6	2.99%
Bluegrass Unit No. 2	2018	7	0.47%
Bluegrass Unit No. 2	2018	8	1.95%
Bluegrass Unit No. 2	2018	9	4.88%
Bluegrass Unit No. 2	2018	10	0.00%
Bluegrass Unit No. 3	2018	5	5.58%
Bluegrass Unit No. 3	2018	6	5.30%
Bluegrass Unit No. 3	2018	7	6.35%
Bluegrass Unit No. 3	2018	8	5.26%
Bluegrass Unit No. 3	2018	9	4.52%
Bluegrass Unit No. 3	2018	10	4.17%
Cooper Unit No. 1	2018	5	18.75%
Cooper Unit No. 1	2018	6	25.30%
Cooper Unit No. 1	2018	7	13.74%
Cooper Unit No. 1	2018	8	25.29%
Cooper Unit No. 1	2018	9	12.53%
Cooper Unit No. 1	2018	10	12.31%
Cooper Unit No. 2	2018	5	10.22%
Cooper Unit No. 2	2018	6	59.35%
Cooper Unit No. 2	2018	7	15.10%
Cooper Unit No. 2	2018	8	29.43%
Cooper Unit No. 2	2018	9	21.86%
Cooper Unit No. 2	2018	10	15.23%
JK Smith Unit No. 1	2018	5	0.13%
JK Smith Unit No. 1	2018	6	0.32%
JK Smith Unit No. 1	2018	7	3.63%
JK Smith Unit No. 1	2018	8	2.24%
JK Smith Unit No. 1	2018	9	7.54%
JK Smith Unit No. 1	2018	10	1.68%
JK Smith Unit No. 2	2018	5	0.17%
JK Smith Unit No. 2	2018	6	-0.04%
JK Smith Unit No. 2	2018	7	3.68%
JK Smith Unit No. 2	2018	8	2.20%

Unit	Year	Month	Net Capacity Factor
JK Smith Unit No. 2	2018	9	7.08%
JK Smith Unit No. 2	2018	10	2.24%
JK Smith Unit No. 3	2018	5	0.13%
JK Smith Unit No. 3	2018	6	0.33%
JK Smith Unit No. 3	2018	7	4.23%
JK Smith Unit No. 3	2018	8	1.46%
JK Smith Unit No. 3	2018	9	7.57%
JK Smith Unit No. 3	2018	10	-0.14%
JK Smith Unit No. 4	2018	5	6.17%
JK Smith Unit No. 4	2018	6	2.80%
JK Smith Unit No. 4	2018	7	9.73%
JK Smith Unit No. 4	2018	8	9.47%
JK Smith Unit No. 4	2018	9	11.17%
JK Smith Unit No. 4	2018	10	7.80%
JK Smith Unit No. 5	2018	5	6.07%
JK Smith Unit No. 5	2018	6	2.83%
JK Smith Unit No. 5	2018	7	9.45%
JK Smith Unit No. 5	2018	8	8.94%
JK Smith Unit No. 5	2018	9	11.52%
JK Smith Unit No. 5	2018	10	8.96%
JK Smith Unit No. 6	2018	5	5.39%
JK Smith Unit No. 6	2018	6	1.90%
JK Smith Unit No. 6	2018	7	9.85%
JK Smith Unit No. 6	2018	8	9.85%
JK Smith Unit No. 6	2018	9	11.50%
JK Smith Unit No. 6	2018	10	7.80%
JK Smith Unit No. 7	2018	5	5.63%
JK Smith Unit No. 7	2018	6	2.55%
JK Smith Unit No. 7	2018	7	9.90%
JK Smith Unit No. 7	2018	8	9.67%
JK Smith Unit No. 7	2018	9	12.03%
JK Smith Unit No. 7	2018	10	8.97%
JK Smith Unit No. 9	2018	5	3.65%
JK Smith Unit No. 9	2018	6	9.98%
JK Smith Unit No. 9	2018	7	13.27%
JK Smith Unit No. 9	2018	8	10.00%
JK Smith Unit No. 9	2018	9	12.93%
JK Smith Unit No. 9	2018	10	3.44%
JK Smith Unit No. 10	2018	5	3.80%

Unit	Year	Month	Net Capacity Factor
JK Smith Unit No. 10	2018	6	9.65%
JK Smith Unit No. 10	2018	7	15.09%
JK Smith Unit No. 10	2018	8	11.84%
JK Smith Unit No. 10	2018	9	13.25%
JK Smith Unit No. 10	2018	10	4.50%
Spurlock Unit No. 1	2018	5	36.82%
Spurlock Unit No. 1	2018	6	55.53%
Spurlock Unit No. 1	2018	7	60.23%
Spurlock Unit No. 1	2018	8	76.23%
Spurlock Unit No. 1	2018	9	21.57%
Spurlock Unit No. 1	2018	10	58.45%
Spurlock Unit No. 2	2018	5	54.19%
Spurlock Unit No. 2	2018	6	87.12%
Spurlock Unit No. 2	2018	7	88.07%
Spurlock Unit No. 2	2018	8	89.36%
Spurlock Unit No. 2	2018	9	83.58%
Spurlock Unit No. 2	2018	10	81.07%
Spurlock Unit No. 3	2018	5	26.06%
Spurlock Unit No. 3	2018	6	82.34%
Spurlock Unit No. 3	2018	7	73.13%
Spurlock Unit No. 3	2018	8	85.28%
Spurlock Unit No. 3	2018	9	73.35%
Spurlock Unit No. 3	2018	10	46.89%
Spurlock Unit No. 4	2018	5	86.54%
Spurlock Unit No. 4	2018	6	85.96%
Spurlock Unit No. 4	2018	7	68.01%
Spurlock Unit No. 4	2018	8	88.30%
Spurlock Unit No. 4	2018	9	47.89%
Spurlock Unit No. 4	2018	10	28.98%
Bavarian Landfill Unit No. 1	2018	5	92.59%
Bavarian Landfill Unit No. 1	2018	6	94.99%
Bavarian Landfill Unit No. 1	2018	7	88.75%
Bavarian Landfill Unit No. 1	2018	8	89.09%
Bavarian Landfill Unit No. 1	2018	9	96.86%
Bavarian Landfill Unit No. 1	2018	10	88.33%
Bavarian Landfill Unit No. 2	2018	5	71.24%
Bavarian Landfill Unit No. 2	2018	6	74.45%
Bavarian Landfill Unit No. 2	2018	7	60.09%
Bavarian Landfill Unit No. 2	2018	8	92.47%
Bavarian Landfill Unit No. 2	2018	9	94.06%



Unit	Year	Month	Net Capacity Factor
Bavarian Landfill Unit No. 2	2018	10	92.46%
Bavarian Landfill Unit No. 3	2018	5	99.18%
Bavarian Landfill Unit No. 3	2018	6	97.14%
Bavarian Landfill Unit No. 3	2018	7	91.69%
Bavarian Landfill Unit No. 3	2018	8	82.17%
Bavarian Landfill Unit No. 3	2018	9	85.52%
Bavarian Landfill Unit No. 3	2018	10	71.40%
Bavarian Landfill Unit No. 4	2018	5	63.17%
Bavarian Landfill Unit No. 4	2018	6	90.45%
Bavarian Landfill Unit No. 4	2018	7	84.49%
Bavarian Landfill Unit No. 4	2018	8	84.02%
Bavarian Landfill Unit No. 4	2018	9	92.98%
Bavarian Landfill Unit No. 4	2018	10	84.60%
Bavarian Landfill Unit No. 5	2018	5	85.35%
Bavarian Landfill Unit No. 5	2018	6	68.82%
Bavarian Landfill Unit No. 5	2018	7	75.07%
Bavarian Landfill Unit No. 5	2018	8	57.44%
Bavarian Landfill Unit No. 5	2018	9	63.69%
Bavarian Landfill Unit No. 5	2018	10	94.09%
Glasgow Landfill Unit No. 1	2018	5	84.23%
Glasgow Landfill Unit No. 1	2018	6	87.00%
Glasgow Landfill Unit No. 1	2018	7	95.83%
Glasgow Landfill Unit No. 1	2018	8	89.05%
Glasgow Landfill Unit No. 1	2018	9	98.55%
Glasgow Landfill Unit No. 1	2018	10	89.07%
Green Valley Landfill Unit No. 1	2018	5	75.06%
Green Valley Landfill Unit No. 1	2018	6	81.21%
Green Valley Landfill Unit No. 1	2018	7	22.80%
Green Valley Landfill Unit No. 1	2018	8	60.14%
Green Valley Landfill Unit No. 1	2018	9	83.60%
Green Valley Landfill Unit No. 1	2018	10	91.76%
Green Valley Landfill Unit No. 2	2018	5	81.67%
Green Valley Landfill Unit No. 2	2018	6	9.19%
Green Valley Landfill Unit No. 2	2018	7	62.15%
Green Valley Landfill Unit No. 2	2018	8	18.86%
Green Valley Landfill Unit No. 2	2018	9	0.00%
Green Valley Landfill Unit No. 2	2018	10	44.15%
Green Valley Landfill Unit No. 3	2018	5	79.75%
Green Valley Landfill Unit No. 3	2018	6	57.33%

Unit	Year	Month	Net Capacity Factor
Green Valley Landfill Unit No. 3	2018	7	12.19%
Green Valley Landfill Unit No. 3	2018	8	84.94%
Green Valley Landfill Unit No. 3	2018	9	82.01%
Green Valley Landfill Unit No. 3	2018	10	91.75%
Hardin County Landfill Unit No. 2	2018	5	49.93%
Hardin County Landfill Unit No. 2	2018	6	27.73%
Hardin County Landfill Unit No. 2	2018	7	65.63%
Hardin County Landfill Unit No. 2	2018	8	71.73%
Hardin County Landfill Unit No. 2	2018	9	23.46%
Hardin County Landfill Unit No. 2	2018	10	57.81%
Hardin County Landfill Unit No. 3	2018	5	33.95%
Hardin County Landfill Unit No. 3	2018	6	45.07%
Hardin County Landfill Unit No. 3	2018	7	0.00%
Hardin County Landfill Unit No. 3	2018	8	0.00%
Hardin County Landfill Unit No. 3	2018	9	0.00%
Hardin County Landfill Unit No. 3	2018	10	0.11%
Laurel County Landfill Unit No. 1	2018	5	95.34%
Laurel County Landfill Unit No. 1	2018	6	94.78%
Laurel County Landfill Unit No. 1	2018	7	94.38%
Laurel County Landfill Unit No. 1	2018	8	77.69%
Laurel County Landfill Unit No. 1	2018	9	89.61%
Laurel County Landfill Unit No. 1	2018	10	73.01%
Laurel County Landfill Unit No. 2	2018	5	78.76%
Laurel County Landfill Unit No. 2	2018	6	79.47%
Laurel County Landfill Unit No. 2	2018	7	89.12%
Laurel County Landfill Unit No. 2	2018	8	95.52%
Laurel County Landfill Unit No. 2	2018	9	86.31%
Laurel County Landfill Unit No. 2	2018	10	85.19%
Laurel County Landfill Unit No. 3	2018	5	67.93%
Laurel County Landfill Unit No. 3	2018	6	86.50%
Laurel County Landfill Unit No. 3	2018	7	82.11%
Laurel County Landfill Unit No. 3	2018	8	82.05%
Laurel County Landfill Unit No. 3	2018	9	94.66%
Laurel County Landfill Unit No. 3	2018	10	88.21%
Laurel County Landfill Unit No. 4	2018	5	97.67%
Laurel County Landfill Unit No. 4	2018	6	93.83%
Laurel County Landfill Unit No. 4	2018	7	91.21%
Laurel County Landfill Unit No. 4	2018	8	94.00%
Laurel County Landfill Unit No. 4	2018	9	92.52%
Laurel County Landfill Unit No. 4	2018	10	93.02%

Unit	Year	Month	Net Capacity Factor
Pendleton County Landfill Unit. 1	2018	5	86.02%
Pendleton County Landfill Unit. 1	2018	6	80.71%
Pendleton County Landfill Unit. 1	2018	7	74.68%
Pendleton County Landfill Unit. 1	2018	8	11.18%
Pendleton County Landfill Unit. 1	2018	9	0.00%
Pendleton County Landfill Unit. 1	2018	10	0.00%
Pendleton County Landfill Unit. 2	2018	5	90.26%
Pendleton County Landfill Unit. 2	2018	6	84.29%
Pendleton County Landfill Unit. 2	2018	7	76.31%
Pendleton County Landfill Unit. 2	2018	8	11.94%
Pendleton County Landfill Unit. 2	2018	9	0.00%
Pendleton County Landfill Unit. 2	2018	10	0.00%
Pendleton County Landfill Unit. 3	2018	5	86.96%
Pendleton County Landfill Unit. 3	2018	6	86.67%
Pendleton County Landfill Unit. 3	2018	7	80.93%
Pendleton County Landfill Unit. 3	2018	8	14.23%
Pendleton County Landfill Unit. 3	2018	9	0.00%
Pendleton County Landfill Unit. 3	2018	10	0.00%

**EAST KENTUCKY POWER COOPERATIVE, INC.**  
**PSC CASE NO. 2019-00003**  
**FUEL ADJUSTMENT CLAUSE**  
**RESPONSE TO INFORMATION REQUEST**

**COMMISSION STAFF'S INFORMATION REQUEST DATED 02/11/19**

**REQUEST 17**

**RESPONSIBLE PARTY: Craig A. Johnson**

**Request 17.** a. For the last six months of the period under review, explain if EKPC made any changes to its maintenance and operation practices, or completed any specific generation efficiency improvements that affect fuel usage at EKPC's generation facilities.

b. Describe the impact of these changes on EKPC's fuel usage.

**Response 17a-b.** a. EKPC made no changes to its maintenance and operation practices which affect fuel usage at any of its generation facilities during the period under review.

b. This question is not applicable. Please see response to request.



**EAST KENTUCKY POWER COOPERATIVE, INC.  
PSC CASE NO. 2019-00003  
FUEL ADJUSTMENT CLAUSE  
RESPONSE TO INFORMATION REQUEST**

**COMMISSION STAFF'S INFORMATION REQUEST DATED 02/11/19  
REQUEST 18**

**RESPONSIBLE PARTY: Mark Horn**

**Request 18.** State whether EKPC is aware of any violations of its policies and procedures regarding fuel procurement that occurred prior to or during the last six months of the period under review.

**Response 18.** EKPC is not aware of any violations of its policies and procedures regarding fuel procurement.

**EAST KENTUCKY POWER COOPERATIVE, INC.**  
**PSC CASE NO. 2019-00003**  
**FUEL ADJUSTMENT CLAUSE**  
**RESPONSE TO INFORMATION REQUEST**

**COMMISSION STAFF'S INFORMATION REQUEST DATED 02/11/19**  
**REQUEST 19**

**RESPONSIBLE PARTY: Michelle K. Carpenter**

**Request 19.** State whether EKPC is aware of any violations of 807 KAR 5:056 that occurred prior to or during the last six months of the period under review.

**Response 19.** EKPC is not aware of any violations of 807 KAR 5:056 occurring prior to or during the period under review.

**EAST KENTUCKY POWER COOPERATIVE, INC.**  
**PSC CASE NO. 2019-00003**  
**FUEL ADJUSTMENT CLAUSE**  
**RESPONSE TO INFORMATION REQUEST**

**COMMISSION STAFF'S INFORMATION REQUEST DATED 02/11/19**  
**REQUEST 20**

**RESPONSIBLE PARTY: Mark Horn**

**Request 20.** State whether all fuel contracts related to commodity and transportation have been filed with the Commission. If any contracts have not been filed, explain why they have not been filed and provide a copy.

**Response 20.** All fuel contracts related to commodity and transportation have been filed with the Commission.

**EAST KENTUCKY POWER COOPERATIVE, INC.**

**PSC CASE NO. 2019-00003**

**FUEL ADJUSTMENT CLAUSE**

**RESPONSE TO INFORMATION REQUEST**

**COMMISSION STAFF'S INFORMATION REQUEST DATED 02/11/19**

**REQUEST 21**

**RESPONSIBLE PARTY: Mark Horn**

**Request 21.** For each generating station, state the methods of coal delivery currently available.

**Response 21.** Truck and rail transportation are currently available at Cooper Power Station. Barge and rail transportation are available at Spurlock Power Station.

**EAST KENTUCKY POWER COOPERATIVE, INC.**

**PSC CASE NO. 2019-00003**

**FUEL ADJUSTMENT CLAUSE**

**RESPONSE TO INFORMATION REQUEST**

**COMMISSION STAFF'S INFORMATION REQUEST DATED 02/11/19**

**REQUEST 22**

**RESPONSIBLE PARTY: Isaac S. Scott**

**Request 22.** If a change in the base fuel cost is proposed, state the month to be used as the base period (b). If the base period results in a fuel cost other than one representative of current costs as prescribed by 807 KAR 5:056, Section 1 (2), explain why this base period was selected. If no change is proposed, include an explanation of the reason(s) EKPC believes the current base period fuel cost should remain unchanged.

**Response 22.** After review of the past, current, and projected fuel costs, EKPC proposes that the February 2018 fuel cost of \$0.02624/kWh be used as the base fuel cost over the next two years. This represents a \$0.00152/kWh reduction from the current base fuel cost of \$0.02776/kWh.

The current two-year review period covers the months of November 2016 through October 2018. Based upon a review of those months, EKPC's total FAC ranged from a low of \$0.02096/kWh in June 2018 to a high of \$0.03294/kWh in January 2018. The average total FAC for the 24-month period under review was \$0.02523/kWh.

As part of its determination of a representative month for the base fuel cost, EKPC considered the expected cost for coal, natural gas, and market purchases in 2019 and 2020 compared to the levels of costs experienced during the current two-year review period. Coal costs are expected to be higher for all Cooper and Spurlock generating units. Natural gas costs for both the Smith and Bluegrass combustion turbines are expected to be slightly lower in 2019 and 2020. Finally, the price of market purchases are expected to be slightly lower in 2019 and 2020 than were experienced during the two-year review period. It does not appear that the expected increases in coal prices would be totally offset by the expected decreases in natural gas and market purchases. After considering these expected costs, it does not appear reasonable that the representative month would be one where the actual monthly fuel cost is below the average total FAC for the 24-month period. This conclusion results in the elimination of 13 of the 24 months from consideration as a representative month. EKPC has also eliminated from consideration as the representative month the only monthly fuel cost that exceeded the current base fuel cost of \$0.02776/kWh.

For the remaining ten months, the total FAC ranged from a low of \$0.02528/kWh in March 2017 to a high of \$0.02691/kWh in December 2016. The average total FAC for these ten months was \$0.02613/kWh.

EKPC also considered the resource and generation mixes expected for 2019 and 2020 when determining a representative month for base fuel costs. A comparison of the budgeted resource and generation mixes for 2019 and 2020 with the ten months is shown below.

Actual Fuel Costs (\$ / kWh)	Resource Mix		
	Period	Generation	Purchases
\$0.02545	November 2017	43.05%	56.95%
\$0.02622	November 2016	44.31%	55.69%
\$0.02579	March 2018	52.90%	47.10%
\$0.02682	May 2018	58.80%	41.20%
\$0.02528	March 2017	59.67%	40.33%
\$0.02664	December 2017	59.83%	40.17%
\$0.02624	February 2018	62.22%	37.78%
\$0.02583	April 2018	62.94%	37.06%
	<b>2020 Budget</b>	<b>64.05%</b>	<b>35.95%</b>
\$0.02616	January 2017	67.46%	35.24%
	<b>2019 Budget</b>	<b>73.44%</b>	<b>26.56%</b>
\$0.02691	December 2016	82.46%	17.55%

Generation Mix						
Period	Cooper	Spurlock 1	Spurlock 2	Gilbert	Spurlock 4	CT & Landfills
<b>2019 Budget</b>	<b>3.07%</b>	<b>20.04%</b>	<b>34.47%</b>	<b>17.72%</b>	<b>16.43%</b>	<b>8.27%</b>
<b>2020 Budget</b>	<b>1.56%</b>	<b>18.48%</b>	<b>32.71%</b>	<b>19.49%</b>	<b>18.88%</b>	<b>8.88%</b>
November 2017	0.45%	41.72%	0.95%	35.05%	18.13%	3.69%
November 2016	-0.37%	42.56%	3.52%	27.95%	22.88%	3.45%
March 2018	-0.28%	17.66%	55.49%	25.45%	-0.73%	2.20%
May 2018	5.58%	15.01%	36.56%	8.71%	28.93%	4.94%
March 2017	9.15%	21.61%	31.55%	30.35%	3.06%	4.28%
December 2017	8.62%	10.02%	40.56%	23.62%	14.42%	2.60%
February 2018	6.03%	23.63%	44.90%	13.22%	10.61%	1.50%
April 2018	-0.24%	15.72%	52.66%	18.21%	9.97%	3.46%
January 2017	6.48%	21.10%	47.11%	-0.76%	24.12%	1.95%
December 2016	11.09%	11.55%	38.04%	17.41%	18.50%	3.41%

Only one of the ten months under consideration as the representative month fell within the range of the budgeted resource mix for 2019 and 2020. However, there were no good matches when comparing the actual generation mixes with the budgeted generation mixes for 2019 and 2020.

EKPC evaluated the remaining ten months under consideration as a representative month using the expected fuel and market purchase costs, the resource mix, and the generation mix. Given the expected increases in the cost for coal and the slight decreases in the cost for natural gas and market purchases, EKPC eliminated from consideration months where the actual FAC was below the average total FAC of \$0.02613/kWh. Net upward pressure on costs would make it less likely that a month with an actual FAC below the group average would be considered representative. This resulted in the elimination of the months of March 2017, November 2017, March 2018, and April 2018.

As the last step in determining the representative month, EKPC took the expected changes in the cost of coal, natural gas, and market purchases and estimated average fuel costs using the budgeted resource and generation mixes for 2019 and 2020.

<b>Estimated Average Fuel Costs (\$ / kWh)</b>			
<b>Period</b>	<b>Low</b>	<b>High</b>	<b>Midpoint</b>
2019 Budget	\$0.02588	\$0.02650	\$0.02619
2020 Budget	\$0.02601	\$0.02666	\$0.02634
2019-2020 Combined	\$0.02588	\$0.02666	\$0.02627

These estimated average fuel costs were then compared to the actual fuel costs experienced for the remaining six months under consideration as the representative month. EKPC eliminated December 2016 and May 2018 from consideration because the actual fuel costs for these months was higher than the estimated high average fuel costs for the 2019-2020 budget period. November 2016 was eliminated from consideration, for while the actual fuel cost was within the budget ranges for estimated average fuel costs, the resource mix reflected a higher level



of purchases than expected for either budget year. December 2017 was eliminated from consideration as its actual fuel cost was near the upper range of the estimated average fuel costs of the 2019-2020 budget period and its resource mix was not as close to the budgeted resource mixes as the remaining months. Lastly, January 2017 was eliminated from consideration as the representative month for while the resource mix was the only month that fell between the ranges of resource mixes for 2019-2020 budget periods, the actual fuel cost was at the lower end of the range for the estimated average fuel costs. In addition, the generation mix for Spurlock 2 and Gilbert was significantly different than the generation mixes for the 2019 and 2020 budget periods.

After considering all the factors, EKPC determined that the February 2018 fuel costs reflected the most representative level of fuel costs going forward. The actual fuel cost of \$0.02624/kWh is near the midpoint of the estimated average fuel costs for the 2019-2020 budget periods. While the actual resource mix is outside the range of resource mixes from the budget periods, it is not significantly outside the range. Consequently, EKPC recommends that the February 2018 base fuel cost of \$0.02624/kWh be used over the next two years.

**EAST KENTUCKY POWER COOPERATIVE, INC.**  
**PSC CASE NO. 2019-00003**  
**FUEL ADJUSTMENT CLAUSE**  
**RESPONSE TO INFORMATION REQUEST**

**COMMISSION STAFF'S INFORMATION REQUEST DATED 02/11/19**  
**REQUEST 23**

**RESPONSIBLE PARTY: Isaac S. Scott**

**Request 23.** Provide a calculation of the fossil fuel costs F(b) that EKPC proposes to use to calculate the base period fuel cost. This calculation shall show each component of F(b) as defined by 807 KAR 5:056. Explain why the fuel cost in the selected base period is representative of the level of fuel cost currently being experienced by EKPC.

**Response 23.** Please see pages 2 through 5 of this response for the February 2018 information. As discussed in the response to Request 22, EKPC reasonably expects the cost for coal to be higher during the next two years than the levels experienced during the current two-year review period. This increase will be slightly offset by expected reductions in the cost for natural gas and market purchases. Consequently, the fuel cost currently being experienced by EKPC should not be considered representative. After considering the effects of the expected increases in coal and slight decreases in natural gas and market purchases, along with the expected resource and generation mixes, EKPC believes the February 2018 fuel costs are representative of the fuel cost that can be expected for the next two years.

Company EAST KENTUCKY POWER COOPERATIVE

FUEL ADJUSTMENT CLAUSE SCHEDULE

Month Ended FEBRUARY 2018

FAC Factor\*

Fuel Fm (Fuel Cost Schedule)	=	<u>27,132,349</u>	=	(+)	\$0.02624
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Sales Sm (Sales Schedule)		<u>1,034,022,558</u>			
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Fuel (Fb)	=	<u>\$25,538,552</u>	=	(-)	\$0.02776
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Sales (Sb)		<u>919,982,171</u>			(\$0.00152)
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Effective Date for Billing APRIL 2018

Submitted by

(Signature)

*Michelle K. Carpenter*

MICHELLE K. CARPENTER, CPA

Title

CONTROLLER

Date Submitted

MARCH 20, 2018

\* (Five decimal places in dollars or three decimal places in cents - normal rounding)

Company EAST KENTUCKY POWER COOPERATIVE

FUEL COST SCHEDULE

Month Ended FEBRUARY 2018

(A) Company Generation

Coal and TDF Burned	(+)	14,702,057
Oil Burned	(+)	96,963
Gas Burned	(+)	169,844
PJM Day Ahead and Balancing	(+)	(38,466)
Fuel (Assigned Cost during F.O.)	(+)	0
Fuel (Substitute for F.O.)	(-)	0

\* Note: Included in the Coal Burned is the Physical Inv Adj. for Coal of \$338,513 and TDF of \$22,985.

14,930,398

(B) Purchases

Net Energy Cost - Economy Purchases	(+)	9,796,681
Identifiable Fuel Cost - Other Purchases	(+)	-
Identifiable Fuel Cost - (Substitute for F.O.)	(-)	0

9,796,681

Subtotal

24,727,079

(C) Inter-System Sales

Fuel Costs	-	-
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(D) Over or (Under) Recovery from Page 4

(2,405,270)

Total Fuel Cost (A + B - C - D)

27,132,349

F.O. = Forced Outage

Company EAST KENTUCKY POWER COOPERATIVE

SALES SCHEDULE

Month Ended FEBRUARY 2018

(A)

Generation (Net)		(+)	648,432,224
Purchases		(+)	393,226,559

Inadvertent Interchange	In	(+)	0
			<u>1,041,658,783</u>

(B)

Pumped Storage Energy		(+)	0
Inter-System Sales Including Interchange Out		(+)	0
Inadvertent Interchange	Out	(+)	0
System Losses		(+)	7,636,225
			<u>7,636,225</u>

(C)

Total Sales	(A - B - C)		<u>1,034,022,558</u>
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Company EAST KENTUCKY POWER COOPERATIVE

OVER OR (UNDER)-RECOVERY SCHEDULE

Month Ended FEBRUARY 2018

1. Last FAC Rate Billed		\$0.00518
2. KWH Billed at Above Rate	(1)	1,034,022,558
3. FAC Revenue/(Refund) (L1 x L2)		** \$5,356,237
4. KWH Used to Determine Last FAC Rate	(1)	1,498,360,460
5. Non-Jurisdictional KWH (Included in L4)	(1)	0
6. Kentucky Jurisdictional KWH (Included in L4) (L4 - L5)		1,498,360,460
7. Recoverable FAC Revenue/(Refund) (L1 x L6)		\$7,761,507
8. Over or (Under) Recovery (L3 - L7)	(1)	(\$2,405,270)
9. Total Sales (Page 3)	(1)	1,034,022,558
10. Kentucky Jurisdictional Sales		1,034,022,558
11. Ratio of Total Sales to Kentucky Jurisdictional Sales (L9 \ L10)		1
12. Total Company Over (Under) Recovery (L8 x L11) (Page 2, Line D)		(\$2,405,270)

\*\*FAC Revenue/(Refund) on Line 3 reflects actual amount of charge or credit due

**EAST KENTUCKY POWER COOPERATIVE, INC.**  
**PSC CASE NO. 2019-00003**  
**FUEL ADJUSTMENT CLAUSE**  
**RESPONSE TO INFORMATION REQUEST**

**COMMISSION STAFF'S INFORMATION REQUEST DATED 02/11/19**  
**REQUEST 24**

**RESPONSIBLE PARTY: Isaac S. Scott**

**Request 24.** Provide a schedule showing each component of sales as defined by 807 KAR 5:056 in the selected base period (b). Explain why EKPC believes that the sales in the selected base period (b) are representative of the level of kWh sales that EKPC will derive from the level of fuel cost incurred during the selected base period (b).

- a. Separately provide the amounts of power purchases used in the calculation of sales provided.
- b. Separately provide the amounts of intersystem power sales used in the calculation of sales provided.

**Response 24.** Each component of sales is given below and shown in the response to Request 23, page 4 of 5.

Owner-Member Sales	1,034,022,558 kWh
Inter-System Sales	0 kWh

The annualized kWh sales to owner-members for the February 2018 base period total 12,408,270,696 kWh. This sales volume is lower than the projected sales to the owner-members

for 2019 of 13,530,708,000 kWh and for 2020 of 13,623,375,000 kWh as shown in the response to Request 31. While part of the winter peaking period, the sales to owner-members in February tend to be a little lower than the sales in other months of the winter peaking period. Taking all these factors into consideration, EKPC believes that February 2018 is still representative.

The annualized inter-system sales for the base period would be 0 kWh. Projected inter-system sales for 2019 are 113,225,000 kWh and for 2020 are 98,849,000 kWh. Inter-system sales generally represent a small percentage of EKPC’s total sales. During the November 2016 to October 2018 period, inter-system sales represented less than 0.5 percent of total sales. Given this small level of total sales, EKPC believes the February 2018 is still representative.

**Response 24a.** Please see the power purchases information below.

<b>Purchased from</b>	<b>kWh Purchased</b>
National Guard Armory	1,636
Cox Interior	2,696
PJM	391,050,000
Southeast Power	21,546,000
Lock 7 Generator	301,137
TGP Purchases – excluded from FAC	(19,674,910)
<b>Total</b>	<b>393,226,559</b>

**Response 24b.** As shown in the response to Request 23, there were no inter-system sales for the proposed representative month.



**EAST KENTUCKY POWER COOPERATIVE, INC.**  
**PSC CASE NO. 2019-00003**  
**FUEL ADJUSTMENT CLAUSE**  
**RESPONSE TO INFORMATION REQUEST**

**COMMISSION STAFF'S INFORMATION REQUEST DATED 02/11/19**  
**REQUEST 25**

**RESPONSIBLE PARTY: Isaac S. Scott**

**Request 25.** Provide a schedule showing the calculation of EKPC's proposed increase or decrease in its base fuel cost per kWh to be incorporated into its base rate.

**Response 25.** Please see the schedule below.

	<b>\$ / kWh</b>
Proposed Base FAC – February 2018 Month	\$0.02624
Base FAC Effective September 1, 2017 – May 2015 Month	\$0.02776
Proposed Decrease	\$(0.00152)

**EAST KENTUCKY POWER COOPERATIVE, INC.**  
**PSC CASE NO. 2019-00003**  
**FUEL ADJUSTMENT CLAUSE**  
**RESPONSE TO INFORMATION REQUEST**

**COMMISSION STAFF’S INFORMATION REQUEST DATED 02/11/19**  
**REQUEST 26**

**RESPONSIBLE PARTY: Isaac S. Scott**

**Request 26.** Provide a schedule of the present and proposed rates that EKPC seeks to change pursuant to 807 KAR 5:056, shown in comparative form.

**Response 26a-b.** Please see the schedule below for the present and proposed rates. EKPC also requests that the proposed rates become effective for service rendered on the first day of the month after the date of the Commission’s Order in this review case.

<b>Energy Charge</b>	<b>Present Rate</b>	<b>Proposed Rate</b>
Section A	\$0.040502/kWh	\$0.038982/kWh
Section B	\$0.040502/kWh	\$0.038982/kWh
Section C	\$0.040502/kWh	\$0.038982/kWh
Section E		
Option 1 – On-Peak	\$0.042752/kWh	\$0.041232/kWh
Option 1 – Off-Peak	\$0.042174/kWh	\$0.040654/kWh
Option 2 – On-Peak	\$0.050899/kWh	\$0.049379/kWh
Option 2 – Off-Peak	\$0.042174/kWh	\$0.040654/kWh
Section G	\$0.038467/kWh	\$0.036947/kWh
Special Contracts		
Nucor Gallatin On-Peak	\$0.040425/kWh	\$0.038905/kWh
Nucor Gallatin Off-Peak	\$0.036997/kWh	\$0.035477/kWh
International Paper Steam Service	\$4.318/MMBtu	\$4.166/MMBtu
FAC Base Unit Fuel Cost	\$0.02776/kWh	\$0.02624/kWh

**EAST KENTUCKY POWER COOPERATIVE, INC.**  
**PSC CASE NO. 2019-00003**  
**FUEL ADJUSTMENT CLAUSE**  
**RESPONSE TO INFORMATION REQUEST**

**COMMISSION STAFF'S INFORMATION REQUEST DATED 02/11/19**  
**REQUEST 27**

**RESPONSIBLE PARTY: Isaac S. Scott**

**Request 27.** Provide a copy of the current tariff showing by cross-outs and inserts all proposed changes in rates.

**Response 27.** Please see pages 2 through 9 of this response.

**Rate A**

**Availability**

Available to all cooperative associations which are or shall be owner-member cooperatives ("owner-members") of East Kentucky Power Cooperative, Inc. ("EKPC"). The electric power and energy furnished hereunder shall be separately metered for each point of delivery.

**Applicability**

Applicable to all power usage at the load center not subject to the provisions of Rates B, C, and E of this tariff.

**Monthly Rate - Per Load Center**

Demand Charge per kW of billing demand	\$ 9.98	
Energy Charge per kWh	<del>\$.040502</del> .038982	R

**Billing Demand**

The billing demand (kilowatt demand) is based on EKPC's system peak demand (coincident peak) which is the highest average rate at which energy is used during any fifteen (15)-minute interval in the below-listed hours for each month and adjusted for power factor as provided herein:

<u>Months</u>	<u>Hours Applicable for Demand Billing - EPT</u>
October through April	7:00 a.m. to 12:00 noon 5:00 p.m. to 10:00 p.m.
May through September	10:00 a.m. to 10:00 p.m.

Billing demand applicable to this rate is equal to the load center's contribution to EKPC's system peak demand minus the actual demands of Rate B, Rate C, and Rate E participants coincident with EKPC's system peak demand.

**Billing Energy**

Billing energy applicable to this rate is equal to the total energy provided at the load center minus the actual energy provided to Rate B, Rate C, and Rate E participants.

**DATE OF ISSUE:** October 2, 2017

**DATE EFFECTIVE:** Service rendered on and after November 2, 2017

**ISSUED BY:** \_\_\_\_\_  
 Anthony S. Campbell,  
 President and Chief Executive Officer

**Rate B**

**Availability**

Available to all cooperative associations which are or shall be owner-members of EKPC and which execute EKPC-approved contracts with the end-use retail members (retail member). The electric power and energy furnished hereunder shall be separately metered for each point of delivery.

**Applicability**

Applicable to owner-members and retail members willing to contract for demands of 500 kW or greater and a monthly minimum energy usage equal to or greater than 400 hours per kW of contract demand. Wholesale monthly minimum demand shall be agreed between the owner-member and EKPC.

**Monthly Rate**

Demand Charge per kW of Minimum Demand	\$7.17	
Demand Charge per kW of Billing Demand in Excess of Minimum Demand	\$9.98	
Energy Charge per kWh	\$.040502 .038982	R

**Billing Demand**

The billing demand (kilowatt demand) shall be the minimum demand plus any excess demand. Excess demand occurs when the retail member's highest demand during the current month, coincident with EKPC's system peak (coincident peak), exceeds the minimum demand. EKPC's system peak demand is the highest average rate at which energy is used during any fifteen(15)-minute interval in the below listed hours for each month and adjusted for power factor as provided herein:

<u>Months</u>	<u>Hours Applicable for Demand Billing - EPT</u>
October through April	7:00 a.m. to 12:00 noon 5:00 p.m. to 10:00 p.m.
May through September	10:00 a.m. to 10:00 p.m.

**Minimum Monthly Charge**

- The minimum monthly charge shall not be less than the sum of (a) and (b) below:
- a. The product of the minimum demand multiplied by the demand charge, plus
  - b. The product of the minimum demand multiplied by 400 hours and the energy charge per kWh minus the fuel base per kWh.

**DATE OF ISSUE:** October 2, 2017

**DATE EFFECTIVE:** Service rendered on and after November 2, 2017

**ISSUED BY:** \_\_\_\_\_  
 Anthony S. Campbell,  
 President and Chief Executive Officer

EAST KENTUCKY POWER COOPERATIVE, INC

FOR ALL COUNTIES SERVED

P.S.C. No. 35, Original First Revised Sheet No. 7  
 Canceling P.S.C. No. 35, Original Sheet No. 7

### Rate C

#### Availability

Available to all cooperative associations which are or shall be owner-members of EKPC and which execute EKPC-approved contracts with the retail members. The electric power and energy furnished hereunder shall be separately metered for each point of delivery.

#### Applicability

Applicable to owner-members and retail members willing to contract for demand of 500 kW or greater and a monthly energy usage equal to or greater than 400 hours per kW of billing demand.

#### Monthly Rate

Demand Charge per kW of Billing Demand	\$7.17	
Energy Charge per kWh	\$.040502 .038982	R

#### Billing Demand

The kilowatt demand shall be the greater of (a) or (b) listed below:

- a. The contract demand
- b. The retail member's highest demand during the current month or preceding eleven months coincident with EKPC's system peak demand. EKPC's system peak demand is the highest average rate at which energy is used during any fifteen (15)-minute interval in the below listed hours for each month and adjusted for power factor as provided herein:

<u>Months</u>	<u>Hours Applicable for Demand Billing - EPT</u>
October through April	7:00 a.m. to 12:00 noon 5:00 p.m. to 10:00 p.m.
May through September	10:00 a.m. to 10:00 p.m.

#### Minimum Monthly Charge

The minimum monthly charge shall not be less than the sum of (a) and (b) below:

- a. The product of the billing demand multiplied by the demand charge, plus
- b. The product of the billing demand multiplied by 400 hours and the energy charge per kWh minus the fuel base per kWh.

**DATE OF ISSUE:** October 2, 2017

**DATE EFFECTIVE:** Service rendered on and after November 2, 2017

**ISSUED BY:** \_\_\_\_\_  
 Anthony S. Campbell,  
 President and Chief Executive Officer

Issued by authority of an Order of the Public Service Commission of Kentucky in Case No. 2017-00002 dated August 7, 2017.

**Rate E**

**Availability**

Available to all cooperative associations which are or shall be owner-members of EKPC. The electric power and energy furnished hereunder shall be separately metered for each point of delivery.

**Applicability**

Applicable to all power usage at the load center not subject to the provisions of Rate A, Rate B, Rate C, or Rate G of this tariff.

**Monthly Rate - Per Load Center**

An owner-member may select either Option 1 or Option 2 of this section of the tariff to apply to all load centers. The owner-member must remain on a selected option for at least one (1) year and may change options, no more often than every twelve (12) months, after giving a minimum notice of two (2) months.

	<u>Option 1</u>	<u>Option 2</u>	
Demand Charge per kW of Billing Demand	\$7.99	\$6.02	
Energy Charge per kWh			
On-Peak kWh	\$ .042752 .041232	\$ .050899 .049379	R
Off-Peak kWh	\$ .042174 .040654	\$ .042174 .040654	R

On-peak and off-peak hours are provided below:

<u>Months</u>	<u>On-Peak Hours - EPT</u>	<u>Off-Peak Hours - EPT</u>
October through April	7:00 a.m. to 12:00 noon 5:00 p.m. to 10:00 p.m.	12:00 noon to 5:00 p.m. 10:00 p.m. to 7:00 a.m.
May through September	10:00 a.m. to 10:00 p.m.	10:00 p.m. to 10:00 a.m.

**DATE OF ISSUE:** October 2, 2017

**DATE EFFECTIVE:** Service rendered on and after November 2, 2017

**ISSUED BY:** \_\_\_\_\_  
 Anthony S. Campbell,  
 President and Chief Executive Officer

EAST KENTUCKY POWER COOPERATIVE, INC

FOR ALL COUNTIES SERVED

P.S.C. No. 35, Original First Revised Sheet No. 12  
 Canceling P.S.C. No. 35, Original Sheet No. 12

**Rate G****SPECIAL ELECTRIC CONTRACT RATE****Character of Service**

Three-phase 60 Hertz alternating current as specified in the Agreement for Purchased Power.

**Monthly Rate**

Demand Charge per Billing kW	\$6.98	
Energy Charge per ALL kWh	\$ <del>.038467</del> .036947	R

**Determination of Billing Demand**

The kilowatt demand shall be the greater of (a) or (b) listed below:

- a. The contract demand
- b. The retail member's highest demand during the current month or preceding eleven months coincident with EKPC's system peak demand. EKPC's system peak demand is the highest average rate at which energy is used during any fifteen (15)-minute interval in the below listed hours for each month and adjusted for power factor as provided herein:

<u>Months</u>	<u>Hours Applicable for Demand Billing – EPT</u>
October through April	7:00 a.m. to 12:00 noon 5:00 p.m. to 10:00 p.m.
May through September	10:00 a.m. to 10:00 p.m.

**Minimum Monthly Charge**

The minimum monthly charge shall not be less than the sum of (a), (b), and (c) below:

- (a) The metering and substation charge, plus
- (b) The product of the billing demand multiplied by the demand charge, plus
- (c) The result of: (Energy Rate minus EKPC's base fuel component in the Energy Rate) times Billing Demand times 400 hours.

**DATE OF ISSUE:** October 2, 2017

**DATE EFFECTIVE:** Service rendered on and after November 2, 2017

**ISSUED BY:** \_\_\_\_\_  
 Anthony S. Campbell,  
 President and Chief Executive Officer

Issued by authority of an Order of the Public Service Commission of Kentucky in Case No. 2017-00002 dated August 7, 2017.



**Fuel Adjustment**

1. The fuel clause shall provide for periodic adjustment per kWh of sales when the unit cost of fuel [F(m) / S(m)] is above or below the base unit cost of \$.02776-.02624 per kWh [F(b) / S(b)]. The current monthly charges shall be increased or decreased by the product of the kWh furnished during the current month and the fuel adjustment rate for the preceding month where the fuel adjustment rate is defined below:

R

$$\text{Fuel Adjustment Rate} = \frac{F(m)}{S(m)} - \frac{F(b)}{S(b)}$$

Where F is the expense of fossil fuel in the base (b) and current (m) periods; and S is sales in the base (b) and current (m) periods, all defined below:

2. Fuel cost (F) shall be the most recent actual monthly cost of:
- a. Fossil fuel consumed in the utility's own plants, and the utility's share of fossil and nuclear fuel consumed in jointly owned or leased plants, plus the cost of fuel which would have been used in plants suffering forced generation and/or transmission outages, but less the cost of fuel related to substitute generation, plus
  - b. The actual identifiable fossil and nuclear fuel costs associated with energy purchased for reasons other than identified in paragraph (c) below, but excluding the cost of fuel related to purchases to substitute the forced outages, plus
  - c. The net energy cost of energy purchases, exclusive of capacity or demand charges (irrespective of the designation assigned to such transaction) when such energy is purchased on an economic dispatch basis. Included therein may be such costs as the charges for economy energy purchases and the charges as a result of scheduled outages, also such kinds of energy being purchased by the buyer to substitute for its own higher cost energy; and less
  - d. The cost of fossil fuel recovered through inter-system sales including the fuel costs related to economy energy sales and other energy sold on an economic dispatch basis.
  - e. All fuel costs shall be based on weighted average inventory costing.
3. Forced outages are all non-scheduled losses of generation or transmission which require (purchase of) substitute power for a continuous period in excess of six (6) hours. Where forced outages are not as a result of faulty equipment, faulty manufacture, faulty design, faulty installations, faulty operation, or faulty maintenance, but are Acts of God, riot, insurrection or acts of public enemy, the utility may, upon proper showing, with the approval of the Commission, include the fuel cost of substitute energy in the adjustment.

**DATE OF ISSUE:** October 2, 2017

**DATE EFFECTIVE:** Service rendered on and after November 2, 2017

**ISSUED BY:** \_\_\_\_\_  
 Anthony S. Campbell,  
 President and Chief Executive Officer

**Increase in Steam Service - Inland**

Effective for Service Rendered on and after ~~September 1, 2017~~ \_\_\_\_\_, T  
Pursuant to KPSC Order dated ~~August 7, 2017~~ \_\_\_\_\_ in Case No. ~~2017-00002~~ T  
2019-00003

Rates

<u>Description</u>	<u>Prior Contract Rate</u>	<u>Current Approved Rate</u>	
Demand Charge	\$577.15/mmbtu/month	\$577.15/mmbtu/month	
Energy Rate	\$4.556/mmbtu	<del>\$4.318</del> 4.166 /mmbtu	R

EXHIBIT A

Effective for Service Rendered on and after September 1, 2017 \_\_\_\_\_,  
Pursuant to KPSC Order dated August 7, 2017 \_\_\_\_\_ in Case No. 2017-00002  
2019-00003

T  
T

Rates

<u>Description</u>	<u>June 1, 2013 Contract Rate</u>	<u>Current Approved Rate</u>	
Demand Charge – Billing Demand at or below 180 MW In On-Peak Periods [Paragraph 3(b)]	\$ 6.92/kW/month	\$ 6.92/kW/month	
Interruptible Credit – 10 Minute Interruptible Demand Service [Paragraph 4(a)]	\$ 6.22/kW/month	\$ 6.22/kW/month	
Interruptible Credit – 90 Minute Interruptible Demand Service [Paragraph 4(b)]	\$ 4.20/kW/month	\$ 4.20/kW/month	
Energy Rate – Off-Peak [Paragraph 12]	\$0.039377/kWh	<del>\$0.036997</del> 0.035477/kWh	R
Energy Rate – On-Peak [Paragraph 12]	\$0.042805/kWh	<del>\$0.040425</del> 0.038905/kWh	R

**EAST KENTUCKY POWER COOPERATIVE, INC.**  
**PSC CASE NO. 2019-00003**  
**FUEL ADJUSTMENT CLAUSE**  
**RESPONSE TO INFORMATION REQUEST**

**COMMISSION STAFF'S INFORMATION REQUEST DATED 02/11/19**  
**REQUEST 28**

**RESPONSIBLE PARTY: Julia J. Tucker**

**Request 28.** For the years ending October 31 , 2017, and October 31, 2018, provide:

- a. Maximum annual system demand; and
- b. Average annual demand.

**Response 28.** a. Maximum annual system demand

11/1/16-10/31/17	2,875 MW
11/1/17-10/31/18	3,437 MW

b. Average annual demand

11/1/16-10/31/17	1,434 MW
11/1/17-10/31/18	1,549 MW

**EAST KENTUCKY POWER COOPERATIVE, INC.**  
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**COMMISSION STAFF'S INFORMATION REQUEST DATED 02/11/19**  
**REQUEST 29**

**RESPONSIBLE PARTY: Isaac S. Scott**

**Request 29.** a. Provide a schedule of the calculation of the 12-month average line loss by month for November 2016 through October 2018.

b. Describe the actions that EKPC has taken to reduce line loss during this period.

**Response 29a-b.** a. Please see the table on Page 2 of this response for the average line loss calculations.

b. EKPC constructed approximately 4 miles of new 69 kV line and rebuilt approximately 40 miles of 69 kV line within various portions of its transmission system. EKPC also added three new distribution substations during this period to improve efficiency of flows on the system. Additionally, EKPC has continued to coordinate efforts with its owner-members to improve distribution substation delivery point power factor levels. These actions have helped to reduce line losses on the EKPC transmission system over the review period.

<b>12 Months Ending</b>	<b>12-Month Total Member Sales Plus Off-System Sales (MWh)</b>	<b>12-Month Line Loss (MWh)</b>	<b>12-Month Line Losses as a Percentage of Total Sales</b>
November 2016	1,077,772	27,154	2.52%
December 2016	1,099,420	28,658	2.61%
January 2017	1,084,621	28,100	2.59%
February 2017	1,064,647	27,258	2.56%
March 2017	1,070,631	27,617	2.58%
April 2017	1,068,859	27,667	2.59%
May 2017	1,070,785	27,892	2.60%
June 2017	1,064,270	27,467	2.58%
July 2017	1,060,172	27,233	2.57%
August 2017	1,049,624	26,675	2.54%
September 2017	1,041,513	26,067	2.50%
October 2017	1,045,418	25,913	2.48%
November 2017	1,049,971	25,804	2.46%
December 2017	1,051,832	25,446	2.42%
January 2018	1,078,761	26,546	2.46%
February 2018	1,084,280	26,688	2.46%
March 2018	1,091,280	26,771	2.45%
April 2018	1,100,266	27,063	2.46%
May 2018	1,106,505	27,150	2.45%
June 2018	1,112,669	27,000	2.43%
July 2018	1,111,483	26,667	2.40%
August 2018	1,113,892	26,517	2.38%
September 2018	1,121,946	26,642	2.37%
October 2018	1,128,014	26,671	2.36%

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**COMMISSION STAFF’S INFORMATION REQUEST DATED 02/11/19**  
**REQUEST 30**

**RESPONSIBLE PARTY: Mark Horn**

**Request 30.** Provide the most recent projected fuel requirements for the years 2019 and 2020 in tons for coal, MMBtu for natural gas, and dollars.

**Response 30.**

**2019 and 2020 Budget Quantities and Costs**

		<b>2019</b>	<b>2019</b>	<b>2020</b>	<b>2020</b>
		<b>Quantity</b>	<b>Dollars</b>	<b>Quantity</b>	<b>Dollars</b>
Cooper		134,023	\$9,084,141.23	59,979	\$4,351,038.66
Spurlock	Scrubbed	2,549,769	\$114,299,649.12	2,120,969	\$99,146,041.22
Spurlock	CFB	1,540,441	\$66,937,182.54	1,520,421	\$68,003,503.01
Smith	Natural Gas	4,320,988	\$13,950,064.00	3,887,434	\$12,090,949.00
Bluegrass	Natural Gas	2,699,263	\$9,718,943.00	2,686,544	\$9,455,072.00

Coal quantity is in tons for Cooper and Spurlock Power Stations. Natural gas is in MMBtu for Smith Power Station and Bluegrass Generating Station.

**EAST KENTUCKY POWER COOPERATIVE, INC.**  
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**COMMISSION STAFF'S INFORMATION REQUEST DATED 02/11/19**  
**REQUEST 31**

**RESPONSIBLE PARTY: Julia J. Tucker**

**Request 31.** Provide the most recent sales projections for the years 2019 and 2020 in kWh and dollars.

**Response 31.** EKPC's most recent projections for the years 2019 and 2020 are provided in the table below.

<b>Budget Year</b>	<b>kWh</b>	<b>Revenue</b>
2019 - Coop. Sales incl. Steam	13,530,708,000	\$602,056,458
2019 - PJM	113,225,000	\$14,439,550
2020 - Coop. Sales incl. Steam	13,623,375,000	\$605,797,377
2020 - PJM	98,849,000	\$19,442,795



**EAST KENTUCKY POWER COOPERATIVE, INC.  
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**COMMISSION STAFF'S INFORMATION REQUEST DATED 02/11/19  
REQUEST 32**

**RESPONSIBLE PARTY:            Craig A. Johnson**

**Request 32.**            Provide the planned maintenance schedule for each of the generating units  
for the years 2019 and 2020.

**Response 32.**            Please see pages 2 through 3 of this response.

Unit	Start Date	End Date
Bluegrass Unit 1	4/13/2019	4/29/2019
Bluegrass Unit 1	10/5/2019	10/21/2019
Bluegrass Unit 2	4/13/2019	4/29/2019
Bluegrass Unit 2	10/5/2019	10/21/2019
Cooper Unit No. 1	3/11/2019	3/13/2019
Cooper Unit No. 1	9/7/2019	11/3/2019
Cooper Unit No. 1	4/11/2020	5/8/2020
Cooper Unit No. 2	3/13/2019	3/15/2019
Cooper Unit No. 2	9/22/2019	10/6/2019
Cooper Unit No. 2	3/28/2020	4/17/2020
Smith Unit 1	3/17/2019	3/23/2019
Smith Unit 1	9/15/2019	9/20/2019
Smith Unit 2	3/24/2019	3/30/2019
Smith Unit 2	9/22/2019	9/27/2019
Smith Unit 3	3/31/2019	4/5/2019
Smith Unit 3	10/20/2019	10/25/2019
Smith Unit 4	4/7/2019	4/12/2019
Smith Unit 4	11/10/2019	11/15/2019
Smith Unit 5	4/14/2019	4/19/2019
Smith Unit 5	11/17/2019	11/22/2019
Smith Unit 6	4/21/2019	4/27/2019
Smith Unit 6	10/27/2019	11/1/2019
Smith Unit 7	4/28/2019	5/3/2019
Smith Unit 7	11/3/2019	11/8/2019
Smith Unit 9	3/17/2019	3/30/2019
Smith Unit 9	9/29/2019	10/11/2019
Smith Unit 10	3/31/2019	4/13/2019
Smith Unit 10	10/13/2019	10/25/2019
Spurlock Unit 1	5/4/2019	5/12/2019
Spurlock Unit 1	9/21/2019	10/20/2019
Spurlock Unit 1	2/29/2020	5/10/2020
Spurlock Unit 1	9/12/2020	9/20/2020
Spurlock Unit 2	5/18/2019	5/26/2019

<b>Unit</b>	<b>Start Date</b>	<b>End Date</b>
Spurlock Unit 2	10/26/2019	11/24/2019
Spurlock Unit 2	5/16/2020	5/24/2020
Spurlock Unit 2	9/26/2020	12/6/2020
Spurlock Unit 3	3/2/2019	3/31/2019
Spurlock Unit 3	3/21/2020	4/19/2020
Spurlock Unit 4	4/6/2019	6/2/2019
Spurlock Unit 4	4/25/2020	5/10/2020
Spurlock Unit 4	10/3/2020	11/1/2020

**EAST KENTUCKY POWER COOPERATIVE, INC.**  
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**COMMISSION STAFF'S INFORMATION REQUEST DATED 02/11/19**  
**REQUEST 33**

**RESPONSIBLE PARTY:**           **Michelle K. Carpenter**

**Request 33.**           Identify any issues that could affect fuel costs for the two-year period that remain unresolved or unsettled. Include in the response any issues related to billings from a regional transmission operator. Consider this a continuing request to inform the Commission if EKPC becomes aware of any issues during the course of this proceeding.

**Response 33.**           As of the date of this response, EKPC has only one known unsettled issue that could affect fuel costs for the two-year period under review. The issue relates to higher than expected system loss calculations for the months of June 2018 through August 2018. After much research, it was determined that incorrect tie line meter readings were reported on the Stuart 345 kV line due to a CT wiring error made during a breaker replacement. However, given the 30-day time limitation for meter error corrections in PJM had expired before the issue was identified, EKPC and Dayton Power and Light (“DP&L”) executed a bilateral adjustment, effective with the January 2019 PJM billing, in the amount of \$1,480,560.83 for the month of August 2018. This bilateral adjustment was treated as an adjustment to off-system sales in the

January 2019 expense month FAC calculations with the appropriate fuel cost excluded from the FAC filing based upon EKPC's stacking methodology for August 2018. The losses for the months of June and July 2018 remain unsettled. Due to the passage of time that occurred before the error was identified, these months must follow PJM's "Settlement C" process, which requires unanimous written consent of all 75 load serving entities within the Dayton zone before an adjustment can be billed. DP&L is currently working to obtain proper authorizations from the load serving entities. All authorizations must be obtained within 24 months of the error.

EKPC is not aware of any outstanding disputes of amounts billed by PJM related to the two-year review period. However, the Commission should be aware that EKPC is routinely billed by PJM for prior period adjustments to billing codes that are includable in the FAC. At times, these adjustments may be related to months that fall outside of a two-year review period, but have historically been immaterial in nature. These charges and credits, when they occur, are included within the total of the PJM Day Ahead and Balancing reported on the respective monthly FAC filings. EKPC has no control over PJM's adjustment process and such adjustments are typically not associated with amounts disputed during EKPC's weekly settlement process. Generally, such adjustments are not known by EKPC until billed and are considered part of the normal course of business for Regional Transmission Organizations. EKPC believes that such adjustments represent the most recent actual fuel cost to the Company and are therefore, included in the FAC when invoiced by PJM.