#### BEFORE THE PUBLIC SERVICE COMMISSION

#### IN THE MATTER OF:

AN EXAMINATION OF THE APPLICATION OF THE FUEL ADJUSTMENT CLAUSE OF EAST KENTUCKY POWER COOPERATIVE, INC. FROM NOVEMBER 1, 2017 THROUGH APRIL 30, 2018	) ) )	CASE NO. 2018-00217
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### MOTION FOR CONFIDENTIAL TREATMENT

Comes now East Kentucky Power Cooperative, Inc. ("EKPC"), by and through counsel, pursuant to KRS 61.878, 807 KAR 5:001, Section 13 and other applicable law, and for its Motion requesting that the Kentucky Public Service Commission ("Commission") afford confidential treatment to certain documents filed in response to two requests for information in the above-captioned proceeding, respectfully states as follows:

- 1. The Commission issued its Order establishing this case on August 10, 2018 and included the initial set of requests for information to EKPC as an Appendix to that Order.
  - 2. Request No. 4 from the August 10<sup>th</sup> request for information states as follows:
    - 4. List each written coal supply solicitation issued during 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. Provide the bid tabulation sheet or corresponding document that ranks the proposals. (This document should identify all vendors who made offers.) State the reasons

for each selection. For each lowest-cost bid not selected, explain why the bid was not selected.

- 3. In its response to Request No. 4, EKPC is providing a copy of its bid tabulation sheets, which includes information that is responsive to the request for information.
  - 4. Request No. 5 from the August 10<sup>th</sup> request for information states as follows:
    - 5. List each oral coal supply solicitation issued during the period under review.
      - For each solicitation, state why the solicitation was not written, the date(s) of the solicitation, the quantities solicited, a general description of the quality of coal solicited, the time period over which deliveries were requested, and the generating unit(s) for which the coal was intended.
      - b. For each solicitation, identify all vendors solicited and the vendor selected. Provide the tabulation sheet or other document that ranks the proposals. (This document should identify all vendors who made offers.) State the reasons for each selection. For each lowestcost bid not selected, explain why the bid was not selected.
- 5. In its response to Request No. 5, EKPC is providing a copy of its bid tabulation sheets, which includes information that is responsive to the request for information.
- 6. The information and documents tendered by EKPC in response to Request No. 4 and Request No. 5 are being tendered in redacted form in the public version of EKPC's filing and in an unredacted form filed under seal herewith. Collectively, this information and these documents are hereinafter referred to as the "Confidential Information."
- 7. The Confidential Information contains extensive information that describes the business planning assumptions and procurement strategy of EKPC with regard to fuel as well as the information received and generated by EKPC in the course of conducting written and oral solicitations for fuel. This information is commercially sensitive and proprietary. More specifically, the Confidential Information includes: procurement strategies; coal specifications received from third-party bidders; pricing data for coal bids received from third-party bidders; and

recommendations from EKPC Staff regarding the selection of particular vendors to supply fuel to EKPC's generating fleet.

- 8. The Confidential Information is retained by EKPC on a "need-to-know" basis and is not publicly available. If disclosed, the Confidential Information would give potential vendors and competitors a tremendous competitive advantage in the course of ongoing and future negotiations to procure fuel. These market advantages would likely translate into higher costs for EKPC and, by extension, detrimentally higher rates for EKPC's Members. Thus, disclosure of the Confidential Information would be highly prejudicial to EKPC, EKPC's Owner-Member Cooperatives and those owner-embers' End-Use Retail Members.
- 9. The Kentucky Open Records Act exempts the Confidential Information from public disclosure. See KRS 61.878(1)(c). As set forth above, disclosure of the Confidential Information would permit an unfair advantage to third parties. Moreover, the Kentucky Supreme Court has stated, "information concerning the inner workings of a corporation is 'generally accepted as confidential or proprietary." Hoy v. Kentucky Industrial Revitalization Authority, 907 S.W.2d 766, 768 (Ky. 1995). Because the Confidential Information is critical to EKPC's effective execution of business decisions and strategy, it satisfies both the statutory and common law standards for being afforded confidential treatment. Indeed, the Commission has already recognized the confidential nature of the information included in the responses and has afforded confidential treatment to identical information in a prior proceeding.<sup>1</sup>
- 10. EKPC does not object to limited disclosure of the Confidential Information, pursuant to an acceptable confidentiality and nondisclosure agreement, to the Attorney General or

<sup>&</sup>lt;sup>1</sup> See In the Matter of an Examination of the Application of the Fuel Adjustment Clause of East Kentucky Power Cooperative, Inc. from August 8, 2017 Through October 31, 2016, Order, Case No. 2017-00002 (Ky. P.S.C., August 18, 2017). A copy of this Order is attached hereto as Exhibit 1.

any other intervenors with a legitimate interest in reviewing the same for the sole purpose of participating in this case.

- 11. In accordance with the provisions of 807 KAR 5:001, Section 13(2), EKPC is filing one copy of the Confidential Information separately under seal. The filing of the Confidential Information is noted in the public version of EKPC's response to Request No. 4 and Request No. 5, which include redacted copies of such information. Due to the pervasive nature of the confidential and proprietary information included in in the Confidential Information, confidential treatment is sought for the entirety of the Confidential Information.
- 12. In accordance with the provisions of 807 KAR 5:001, Section 13(3), EKPC respectfully requests that the Confidential Information be withheld from public disclosure for a period of ten years. This will assure that the Confidential Information if disclosed after that time will be less likely to include information that continues to be commercially sensitive so as to impair the interests of EKPC if publicly disclosed. However, EKPC reserves the right to seek an extension of the grant of confidential treatment if it is necessary to do so at that time.

WHEREFORE, on the basis of the foregoing, EKPC respectfully requests the Commission to enter an Order granting this Motion for Confidential Treatment and to so afford such protection from public disclosure to the unredacted copies of Confidential Information, which is filed herewith under seal, for a period of ten years from the date of entry of such an Order.

This 24th day of March, 2018.

Respectfully submitted,

David S. Samford
L. Allyson Honaker
GOSS SAMFORD, PLLC
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Lexington, KY 40504
(859) 368-7740
david@gosssamfordlaw.com
allyson@gosssamfordlaw.com

Counsel for East Kentucky Power Cooperative, Inc.

#### CERTIFICATE OF SERVICE

This is to certify that foregoing electronic filing is a true and accurate copy of the document being filed in paper medium; that the electronic filing was transmitted to the Commission on March 2, 2018; that there are currently no parties that the Commission has excused from participation by electronic means in this proceeding; and that a copy of the filing in paper medium is being hand delivered to the Commission on this the 24<sup>th</sup> day of August, 2018.

Counsel for East Keyaucky Power Cooperative, Inc.



# COMMONWEALTH OF KENTUCKY BEFORE THE PUBLIC SERVICE COMMISSION

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AN EXAMINATION OF THE APPLICATION	)	
OF THE FUEL ADJUSTMENT CLAUSE OF	)	
EAST KENTUCKY POWER COOPERATIVE,	)	CASE NO.
INC. FROM NOVEMBER 1, 2014 THROUGH	j ,	2017-00002
OCTOBER 31, 2016	ĺ	

#### ORDER

On February 24, 2017, Eastern Kentucky Power Cooperative ("EKPC") filed a petition pursuant to KRS 61.878 and 807 KAR 5:001, Section 13(2), requesting that the Commission grant confidential protection to the identified portions of the Response to Request Number 25 and the Response to Request Number 32 contained in the Commission's Order of February 6, 2017, Appendix B.

Specifically, EKPC seeks confidential treatment of: (1) its bid tabulation sheets (Response No. 25); and (2) its Fuel and Admissions Department Procurement Manual, its Policy No. 404 on Transaction Authority Limits for Energy and Energy Related Commodities and Transportation, and its Policy No. 405 on Hedging ("Response No. 32").

As the basis for its request, EKPC states that public disclosure of Response No. 25 and Response No. 32 would give possible vendors and competitors a competitive advantage which could result in higher rates for EKPC Members. EKPC requests that this information remain confidential for ten years.

Having considered the petition and the material at issue, the Commission finds that the designated material contained in Response No. 25 and Response No. 32 is generally recognized as confidential or proprietary, and therefore meets the criteria for confidential treatment and is exempted from public disclosure pursuant to KRS 61.878(1)(c)(1) and 807 KAR 5:001, Section 13.

#### IT IS THEREFORE ORDERED that:

- 1. EKPC's petition for confidential protection for Response No. 25 and Response No. 32 is granted and the information shall not be placed in the public record or made available for public inspection for a period of ten years or until further Orders of this Commission.
- 2. Use of the material in question in any Commission proceeding shall be in compliance with 807 KAR 5:001, Section 13(9).
- EKPC shall inform the Commission if the material in question becomes publicly available or no longer qualifies for confidential treatment.
- 4. If a non-party to this proceeding requests to inspect the material granted confidential treatment by this Order and the period during which the material has been granted confidential treatment has not expired, then EKPC shall have 20 days from receipt of written notice of the request to demonstrate that the material still falls within the exclusions from disclosure requirements established in KRS 61.878. If EKPC is unable to make such demonstration, the requested material shall be made available for inspection. Otherwise, the Commission shall deny the request for inspection.

5. The Commission shall not make the requested material available for inspection for 20 days following an Order finding that the material no longer qualifies for confidential treatment in order to allow EKPC to seek a remedy afforded by law.

By the Commission

ENTERED

AUG 1 8 2017

KENTUCKY PUBLIC SERVICE COMMISSION

ATTEST:

Acting Executive Director

# COMMONWEALTH OF KENTUCKY BEFORE THE PUBLIC SERVICE COMMISSION

#### In the Matter of:

ELECTRONIC EXAMINATION OF THE	)	
APPLICATION OF THE FUEL ADJUSTMENT	)	CASE NO.
CLAUSE OF EAST KENTUCKY POWER	)	2018-00217
COOPERATIVE, INC FROM NOVEMBER 1, 2017	)	
THROUGH APRIL 30, 2018	)	

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

DATED AUGUST 10, 2018

#### BEFORE THE PUBLIC SERVICE COMMISSION

ELECTRONIC EXAMINATION OF THE	)	
APPLICATION OF THE FUEL ADJUSTMENT	)	CASE NO.
CLAUSE OF EAST KENTUCKY POWER	)	2018-00217
COOPERATIVE, INC FROM NOVEMBER 1, 2017	)	
THROUGH APRIL 30, 2018	)	

#### CERTIFICATE

STATE OF KENTUCKY	)
COUNTY OF CLARK	)

Michelle K. Carpenter, being duly sworn, states that she has supervised the preparation of the responses of East Kentucky Power Cooperative, Inc. to the Public Service Commission Staff Data Requests contained in the Appendix in the above-referenced case dated August 10, 2018, 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 24th day of August 2018.

GWYN M. WILLOUGHBY Notary Public Kentucky - State at Large My Commission Expires Nov 30, 2021

#### BEFORE THE PUBLIC SERVICE COMMISSION

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ELECTRONIC EXAMINATION OF THE	)	
APPLICATION OF THE FUEL ADJUSTMENT	)	CASE NO.
CLAUSE OF EAST KENTUCKY POWER	)	2018-00217
COOPERATIVE, INC FROM NOVEMBER 1, 2017	)	
THROUGH APRIL 30, 2018	)	

### **CERTIFICATE**

STATE OF KENTUCKY	)
	)
COUNTY OF CLARK	)

Mark Horn, being duly sworn, states that he has supervised the preparation of the responses of East Kentucky Power Cooperative, Inc. to the Public Service Commission Staff Data Requests contained in the Appendix in the above-referenced case dated August 10, 2018, 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 2 th da

day of August 2018.

Notary Public Kentucky – State at Large My Commission Expires Nov 30, 2021

GWYN M. WILLOUGHBY

#### BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter o	1:
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ELECTRONIC EXAMINATION OF THE	)	
APPLICATION OF THE FUEL ADJUSTMENT	)	CASE NO.
CLAUSE OF EAST KENTUCKY POWER	)	2018-00217
COOPERATIVE, INC FROM NOVEMBER 1, 2017	)	
THROUGH APRIL 30, 2018	)	

#### **CERTIFICATE**

STATE OF KENTUCKY	)
	)
COUNTY OF CLARK	)

Craig A. Johnson, being duly sworn, states that he has supervised the preparation of the responses of East Kentucky Power Cooperative, Inc. to the Public Service Commission Staff Data Requests contained in the Appendix in the above-referenced case dated August 10, 2018 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 24th day of August 2018.

GWYN M. WILLOUGHBY Notary Public

Kentucky – State at Large My Commission Expires Nov 30, 2021

#### BEFORE THE PUBLIC SERVICE COMMISSION

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ELECTRONIC EXAMINATION OF THE	)	
APPLICATION OF THE FUEL ADJUSTMENT	)	CASE NO.
CLAUSE OF EAST KENTUCKY POWER	)	2018-00217
COOPERATIVE, INC FROM NOVEMBER 1, 2017	)	
THROUGH APRIL 30, 2018	)	

#### CERTIFICATE

STATE OF KENTUCKY	)
	)
COUNTY OF CLARK	)

Julia J. Tucker, being duly sworn, states that she has supervised the preparation of the responses of East Kentucky Power Cooperative, Inc. to the Public Service Commission Staff Data Requests contained in the Appendix in the above-referenced case dated August 10, 2018, 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

day of August 2018.

GWYN M. WILLOUGHBY Notary Public Kentucky – State at Large

My Commission Expires Nov 30, 2021

# PSC CASE NO. 2018-00217 FUEL ADJUSTMENT CLAUSE RESPONSE TO INFORMATION REQUEST

# COMMISSION STAFF'S INFORMATION REQUEST DATED 08/10/18 REQUEST 1

RESPONSIBLE PARTY: Mark Horn

**Request 1.** For 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 6 of this response. All coal purchases have been filed with the Commission.

<u>Supplier</u>	Spot/Contract	Order Number	Quantity (Tons)			
Cooper						
November 2017						
B & W RESOURCES INC	L T Contract	0000000236	9,186.86			
		November 2017	9,186.86			
December 2017			,			
B & W RESOURCES INC	L T Contract	0000000236	8,704.12			
		December 2017	8,704.12			
January 2018						
B & W RESOURCES INC	L T Contract	000000236	9,069.87			
JAMIESON CONSTRUCTION CO	Spot Market	0000251530	4,493.63			
JRL COAL INC	Spot Market	0000251531	851.53			
		January 2018	14,415.03			
February 2018						
B & W RESOURCES INC	L T Contract	0000000236	6,919.49			
JAMIESON CONSTRUCTION CO	Spot Market	0000251530	15,637.28			
JRL COAL INC	Spot Market	0000251531	5,423.75			
		February 2018	27,980.52			
March 2018						
B & W RESOURCES INC	L T Contract	0000000236	5,501.03			
JRL COAL INC	Spot Market	0000251531	3,756.75			
		March 2018	9,257.78			
April 2018						
B & W RESOURCES INC	L T Contract	0000000236	6,448.21			
		April 2018	6,448.21			
COOPER PERCENTAGE SPOT	40%					
COOPER PERCENTAGE CONTRACT	60%					

<u>Supplier</u>	<b>Spot/Contract</b>	Order Number	<b>Quantity (Tons)</b>
	Spurlock Unit Nos. 1	& 2	
November 2017			
OXFORD MINING COMPANY	L T Contract	000000504	8,507.00
FORESIGHT COAL SALES LLC	L T Contract	0000000532	10,030.00
FORESIGHT COAL SALES LLC	L T Contract	0000000532	6,930.00
RIVER TRADING COMPANY, LTD	Spot Market	0000551513	3,126.00
RED HILL ENERGY, LLC	Spot Market	0000551519	6,288.00
OXFORD MINING COMPANY	L T Contract	0000551520	4,749.00
ALLIANCE COAL LLC	L T Contract	0000551525	9,974.00
RIVER VIEW COAL, LLC	L T Contract	0000551526	1,567.00
OXFORD MINING COMPANY	L T Contract	0000551529	1,594.00
		November 2017	52,765.00
December 2017			
OXFORD MINING COMPANY	L T Contract	0000000504	16,952.00
FORESIGHT COAL SALES LLC	L T Contract	0000000532	1,745.00
FORESIGHT COAL SALES LLC	L T Contract	0000000532	27,290.00
FORESIGHT COAL SALES LLC	L T Contract	0000000534	8,170.00
RIVER TRADING COMPANY, LTD	Spot Market	0000551513	11,096.00
RED HILL ENERGY, LLC	Spot Market	0000551519	6,363.00
ALLIANCE COAL LLC	L T Contract	0000551525	4,973.00
RIVER VIEW COAL, LLC	L T Contract	0000551526	10,130.00
		December 2017	86,719.00
January 2018			
OXFORD MINING COMPANY	L T Contract	000000504	20,147.00
RIVER VIEW COAL, LLC	L T Contract	0000000530	21,617.00
FORESIGHT COAL SALES LLC	L T Contract	0000000532	10,281.00
FORESIGHT COAL SALES LLC	L T Contract	0000000532	8,676.00
FORESIGHT COAL SALES LLC	L T Contract	0000000534	10,121.00
FORESIGHT COAL SALES LLC	L T Contract	0000000534	1,638.00
ALLIANCE COAL LLC	L T Contract	0000000540	9,968.00
RIVER TRADING COMPANY, LTD	Spot Market	0000551513	3,125.00
RED HILL ENERGY, LLC	Spot Market	0000551519	1,603.00
RIVER VIEW COAL, LLC	L T Contract	0000551526	8,315.00
		January 2018	95,491.00

<u>Supplier</u>	Spot/Contract	Order Number	<b>Quantity (Tons)</b>
February 2018			
OXFORD MINING COMPANY	L T Contract	000000504	11,558.00
RIVER VIEW COAL, LLC	L T Contract	0000000530	11,097.00
FORESIGHT COAL SALES LLC	L T Contract	0000000532	4,947.00
ALLIANCE COAL LLC	L T Contract	0000000540	5,669.00
RIVER TRADING COMPANY, LTD	Spot Market	0000551513	14,447.00
		February 2018	47,718.00
March 2018			
OXFORD MINING COMPANY	L T Contract	0000000504	40,102.37
RIVER VIEW COAL, LLC	L T Contract	0000000530	26,885.70
FORESIGHT COAL SALES LLC	L T Contract	0000000532	6,858.55
FORESIGHT COAL SALES LLC	L T Contract	0000000534	1,981.87
FORESIGHT COAL SALES LLC	L T Contract	0000000534	12,838.13
CONTURA COAL SALES, LLC	L T Contract	0000000538	25,103.51
ALLIANCE COAL LLC	L T Contract	0000000540	12,107.90
RIVER TRADING COMPANY, LTD	Spot Market	0000551513	1,620.82
RED HILL ENERGY, LLC	Spot Market	0000551527	1,542.47
RIVER TRADING COMPANY, LTD	Spot Market	0000551528	11,295.72
OXFORD MINING COMPANY	Spot Market	0000551532	35,209.60
Consolidation Coal Company	Spot Market	0000551533	12,628.00
Consolidation Coal Company	Spot Market	0000551533	1,773.00
RIVER TRADING COMPANY, LTD	Spot Market	0000551534	7,902.03
RED HILL ENERGY, LLC	Spot Market	0000551535	29,235.24
RIVER TRADING COMPANY, LTD	Spot Market	0000551536	270.43
		March 2018	227,355.34

<b>Supplier</b>	Spot/Contract	Order Number	<b>Quantity (Tons)</b>
April 2018			
OXFORD MINING COMPANY	L T Contract	000000504	23,081.34
RIVER VIEW COAL, LLC	L T Contract	0000000530	17,405.90
FORESIGHT COAL SALES LLC	L T Contract	0000000532	5,344.55
FORESIGHT COAL SALES LLC	L T Contract	0000000534	1,631.75
FORESIGHT COAL SALES LLC	L T Contract	0000000534	3,345.20
CONTURA COAL SALES, LLC	L T Contract	0000000538	18,738.19
ALLIANCE COAL LLC	L T Contract	0000000540	12,342.80
RED HILL ENERGY, LLC	Spot Market	0000551527	9,847.63
RIVER TRADING COMPANY, LTD	Spot Market	0000551528	16,123.60
OXFORD MINING COMPANY	Spot Market	0000551532	29,075.10
Consolidation Coal Company	Spot Market	0000551533	17,322.67
RIVER TRADING COMPANY, LTD	Spot Market	0000551534	11,062.42
ALLIANCE COAL LLC	Spot Market	0000551537	22,296.13
FORESIGHT COAL SALES LLC	Spot Market	0000551538	1,845.00
		April 2018	189,462.28

**SPURLOCK 1 & 2 PERCENTAGE SPOT** 

36%

# **SPURLOCK 1 & 2 PERCENTAGE CONTRACT** 64%

# Spurlock Unit Nos. 3 & 4

November 2017			
OXFORD MINING COMPANY	L T Contract	0000000800	43,244.00
B & N COAL INC	L T Contract	000000824	18,680.00
B & N COAL INC	L T Contract	0000000832	15,043.00
FORESIGHT COAL SALES LLC	L T Contract	000000834	11,792.00
FORESIGHT COAL SALES LLC	L T Contract	0000000834	5,217.00
		November 2017	93,976.00
December 2017			
OXFORD MINING COMPANY	L T Contract	0000000800	48,406.00
B & N COAL INC	L T Contract	000000824	23,390.00
B & N COAL INC	L T Contract	0000000832	15,179.00
FORESIGHT COAL SALES LLC	L T Contract	000000834	17,188.00
FORESIGHT COAL SALES LLC	L T Contract	0000000834	6,916.00
		December 2017	111,079.00

<u>Supplier</u>	Spot/Contract	Order Number	<b>Quantity (Tons)</b>	
January 2018				
OXFORD MINING COMPANY	L T Contract	0000000800	39,595.00	
B & N COAL INC	L T Contract	0000000824	1,667.00	
B & N COAL INC	L T Contract	0000000832	6,619.00	
FORESIGHT COAL SALES LLC	L T Contract	0000000834	25,704.00	
FORESIGHT COAL SALES LLC	L T Contract	0000000834	5,068.00	
		January 2018	78,653.00	
February 2018				
OXFORD MINING COMPANY	L T Contract	0000000800	27,018.00	
B & N COAL INC	L T Contract	0000000824	26,862.00	
FORESIGHT COAL SALES LLC	L T Contract	0000000834	3,585.00	
		February 2018	57,465.00	
March 2018				
OXFORD MINING COMPANY	L T Contract	0000000800	18,104.78	
B & N COAL INC	L T Contract	0000000824	21,979.99	
B & N COAL INC	L T Contract	0000000830	8,349.07	
B & N COAL INC	L T Contract	0000000832	4,790.37	
FORESIGHT COAL SALES LLC	L T Contract	0000000834	5,402.08	
FORESIGHT COAL SALES LLC	L T Contract	0000000834	10,449.25	
		March 2018	69,075.54	
April 2018				
OXFORD MINING COMPANY	L T Contract	0000000800	34,882.08	
B & N COAL INC	L T Contract	0000000824	16,233.72	
B & N COAL INC	L T Contract	0000000830	10,131.10	
B & N COAL INC	L T Contract	0000000832	11,777.35	
FORESIGHT COAL SALES LLC	L T Contract	0000000834	3,544.11	
FORESIGHT COAL SALES LLC	L T Contract	0000000834	11,060.69	
		April 2018	87,629.05	
SPURLOCK 3 & 4 PERCENTAGE SPOT	0%			
SPURLOCK 3 & 4 PERCENTAGE CONT	RACT 100%			
TOTAL SYSTEM PERCENTAGE SPOT	22%			
TOTAL SISTEMIT ENCENTINGE SI OI	<b></b> /U			

78%

TOTAL SYSTEM PERCENTAGE CONTRACT

# PSC CASE NO. 2018-00217 FUEL ADJUSTMENT CLAUSE RESPONSE TO INFORMATION REQUEST

# COMMISSION STAFF'S INFORMATION REQUEST DATED 08/10/18 REQUEST 2

RESPONSIBLE PARTY: Mark Horn

**Request 2.** For 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;
- f. The tonnage requirement for the review period; and
- g. Current price paid per ton.

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

# PSC FUEL ADJUSTMENT CLAUSE CASE NO. 2018-00217

#### RESPONSE TO PSC ORDER DATED 08/10/18

(a) (b) (c) (d) (e) (f) (g)

Contract No.	Supplier	Production Facility	Delivery Method	Actual Quantity Received During 11/1/17—4/30/18	Tonnage Required During 11/1/17—4/30/18	Current Price Paid Per Ton
Cooper Station Contract No. 236	B & W Resources, Inc. 849 S. Highway 11 Manchester, KY 40962	B & W Resources Manchester Loadout	Truck	45,829.58	60,000	\$59.9112
Spurlock Station Contract No. 800	Oxford Mining Co. 544 Chestnut Street P. O. Box 427 Coshocton, OH 43812	Daron-Ligget Harrison, OH Barnesville Belmont, OH	Barge	211,249.86	330,000	\$32.20672
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	126,690.71	180,000	\$33.24924
Contract No. 522	Alliance Coal, LLC 1146 Monarch St. Lexington, KY 40513	River View Mine Union, KY	Barge	14,947	40,000	\$45.71
Contract No. 824	B & N Coal, Inc. P. O. Box 100 Dexter City, OH 45727	Whigville, West Fork, & Ullman Noble, OH	Barge	108,812.71	135,000	\$36.9519

# PSC FUEL ADJUSTMENT CLAUSE CASE NO. 2018-00217

#### RESPONSE TO PSC ORDER DATED 08/10/18

(a) (b) (c) (d) (e) (f) (g)

Contract No. Spurlock Station (	Supplier (continued)	Production Facility	Delivery Method	Actual Quantity Received During 11/1/17—4/30/18	Tonnage Required During 11/1/17—4/30/18	Current Price Paid Per Ton
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	97,017.60	112,000	\$35.9996
Contract No. 830	B & N Coal, Inc. P. O. Box 100 Dexter City, OH 45727	Whigville, West Fork, & Ullman Noble, OH	Barge	18,480.17	60,000	\$39.17856
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	82,102.10	80,000	\$34.8565
Contract No. 832	B & N Coal, Inc. P. O. Box 100 Dexter City, OH 45727	Whigville, West Fork, & Ullman Noble, OH	Barge	53,408.72	60,000	\$36.9519
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	105,926.13	120,000	\$41.68118

# PSC FUEL ADJUSTMENT CLAUSE CASE NO. 2018-00217

#### RESPONSE TO PSC ORDER DATED 08/10/18

(a) (b) (c) (d) (e) (f) (g)

Contract No.	Supplier	Production Facility	Delivery Method	Actual Quantity Received During 11/1/17—4/30/18	Tonnage Required During 11/1/17—4/30/18	Current Price Paid Per Ton
Spurlock Station ( 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	39,725.95	60,000	\$32.88978
Contract No. 538	Contura Coal Sales, LLC 340 Martin Luther King Jr. Blvd. Bristol, TN 37620	Cumberland Mine Green, PA	Barge	43,842.70	80,000	\$39.00
Contract No. 540	Alliance Coal, LLC Suite 400 1717 South Boulder Tulsa, OK 74119	River View Mine Union, KY	Barge	40,087.70	40,000	\$35.9996

# PSC CASE NO. 2018-00217 FUEL ADJUSTMENT CLAUSE RESPONSE TO INFORMATION REQUEST

# COMMISSION STAFF'S INFORMATION REQUEST DATED 08/10/18 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. East Kentucky's aggregate coal inventory level as of April 30, 2018, was 503,828 tons—25 days' supply. By generating station the levels are as follows:

	<u>Tons</u>	<u>Days</u>
Cooper	106,860	29
Spurlock	396,968	25

**Request 3b.** Describe the criteria used to determine 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 East Kentucky's generating units.

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

Response 3c. East Kentucky's aggregate coal inventory as of April 30, 2018, was within its target range of 25-50 days' supply. The Cooper Power Station inventory was less than its target range of 40-60 days' supply by 11 days. The Spurlock Power Station was within its range of 25-45 days' supply.

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

**Response 3d.** East Kentucky'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(1-2).** East Kentucky does not expect significant changes in its current coal inventory target within the next 12 months.

# PSC CASE NO. 2018-00217 FUEL ADJUSTMENT CLAUSE RESPONSE TO INFORMATION REQUEST

COMMISSION STAFF'S INFORMATION REQUEST DATED 08/10/18 REQUEST 4

RESPONSIBLE PARTY: Mark Horn

Request 4. List each written coal-supply solicitation issued during 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. Provide the bid tabulation sheet or corresponding document that ranked the proposals. (This document should identify all vendors who made offers.) State the reasons for each selection. For each lowest–cost bid not selected, explain why the bid was not selected.

**Response 4a-b.** Please see pages 2 through 5 of this response.

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

# PSC FUEL ADJUSTMENT CLAUSE CASE NO. 2018-00217

### RESPONSE TO PSC ORDER DATED 08/10/18

			Quantity			Number of	Number of	Tabulation
Unit	Date	Contract/Spot	(Tons)	Quality	Time Period	Vendors Sent	Vendors Respond	Sheet
Spurlock 1&2	01/05/18	Spot	600,000	7.2# SO <sub>2</sub> /MMBtu <16% Ash >11,000 Btu	02/01/18—04/30/18	70	6	Pages 3
Spurlock 1&2	03/27/18	Spot	300,000	7.2# SO <sub>2</sub> /MMBtu <16% Ash >11,000 Btu	05/01/18—07/31/18	70	8	Pages 4-5

# FUEL EVALUATION FOR SPURLOCK UNIT NOS, 1 & 2

# SPOT COAL

Date: 01/30/2018 Event Nbr: 271 Bid End Date: 01/18/2018

Coal Supplier	Qualit % Sul Number % A	fur	Term	<u>Delive</u> S Ton	ry Cost S MMBtu	Evaluated Cost S S Ton MMBtu	Reason for Recommendation
			_				

# FUEL EVALUATION FOR SPURLOCK UNIT NOS. 1 & 2

# MAY—JULY 2018 SPOT

Date:	04/19/2018
Event Nbr:	273
Bid End Date:	04/03/2018

Coal Supplier	Quality % Sulfu Number % Ash	r	Term	<u>Deliver</u> \$ Ton	r <u>y Cost</u> \$ MMBtu	Evaluated Cost \$ \$ Ton MMBtu	Reason for Recommendation
			•	-	-		
	<u> </u>		•		-	-	
						==	
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# FUEL EVALUATION FOR SPURLOCK UNIT NOS. 1 & 2

# MAY—JULY 2018 SPOT

Date:	04/19/2018
Event Nbr:	273
Bid End Date:	04/03/2018

Coal Supplier	Q <mark>ua</mark> lity Btu % Sulfur % Ash	Tons	Term	<u>Deliver</u> \$ Ton	Cost \$ MMBtu	Evaluated Cost S S Ton MMBtu	Reason for Recommendation
L							
			14.1				
		-					

# PSC CASE NO. 2018-00217 FUEL ADJUSTMENT CLAUSE RESPONSE TO INFORMATION REQUEST

COMMISSION STAFF'S INFORMATION REQUEST DATED 08/10/18 REQUEST 5

RESPONSIBLE PARTY: Mark Horn

Request 5. List each oral coal supply solicitation issued during 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 selected. Provide the tabulation sheet or other document that ranks the proposals. (This document should identify all vendors who made offers.) State the reasons for each selection. For each lowest-cost bid not selected, explain why the bid was not selected.

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

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

# PSC FUEL ADJUSTMENT CLAUSE CASE NO. 2018-00217

### RESPONSE TO PSC ORDER DATED 08/10/18

Unit	Date	Reason	Quantity (Tons)	Quality	Time Period	Number of Vendors Contacted	Tabulation Sheet
Cooper	01/15/18	Immediate Response Required	30,000	6.0# SO <sub>2</sub> /MMBtu <12% Ash >11,500 Btu	01/15/18—02/09/18	4	Page 3
Cooper	02/08/18	Immediate Response Required	15,000	6.0# SO <sub>2</sub> /MMBtu <12% Ash >11,500 Btu	01/01/17—02/18/17	10	Page 4-5
Spurlock 1&2	03/22/18	Immediate Response Required	50,000	7.2# SO <sub>2</sub> /MMBtu <16% Ash >11,000 Btu	04/01/18—08/31/18	1	Emergency Purchase No Tabulation
Spurlock 1&2	03/27/18	Immediate Response Required	50,000	7.2# SO <sub>2</sub> /MMBtu <16% Ash >11,000 Btu	04/01/18—04/30/18	1	Emergency Purchase No Tabulation

### **FUEL EVALUATION FOR COOPER POWER STATION**

# **EMERGENCY SPOT**

Coal Supplier	uality Btu % Sulfur % Ash	Tons	Term	\$ e <u>ry Cost</u> \$ MMBtu	<u>Evalua</u> \$ Ton	ted Cost \$ MMBtu	Reason for Recommendation

Date:

Bid End Date: 01/12/2018

Event Nbr:

1/15/2018

270

### **FUEL EVALUATION FOR COOPER POWER STATION**

# **EMERGENCY SPOT**

Coal Supplier		uality Btu % Sulfur % Ash	Tons	Term	\$ e <u>ry Cost</u> \$ MMBtu	<u>Evalua</u> \$ Ton	ted Cost \$ MMBtu	Reason for Recommendation
		1					ı	
	■ ■■ 							

Date:

Bid End Date: 02/06/2018

Event Nbr:

2/8/2018

272

### **FUEL EVALUATION FOR COOPER POWER STATION**

# **EMERGENCY SPOT**

Coal Supplier	nlity Btu Sulfur 6 Ash Tons	Term	\$ e <u>ry Cost</u> \$ MMBtu	<u>Evalua</u> \$ Ton	ted Cost \$ MMBtu	Reason for Recommendation

Date:

Bid End Date: 02/06/2018

Event Nbr:

2/8/2018

272

# PSC CASE NO. 2018-00217 FUEL ADJUSTMENT CLAUSE RESPONSE TO INFORMATION REQUEST

# COMMISSION STAFF'S INFORMATION REQUEST DATED 08/10/18 REQUEST 6

RESPONSIBLE PARTY: Mark Horn

Request 6. For 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).

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

<b>Vendor</b>	Quantity (MMBtu)	Type of Purchase
Conoco Phillips	107,000	Spot
Eco Energy	405,269	Spot
NJR Energy	1,152,406	Spot
Tenaska	995,708	Spot
TGP*	-112,607	Spot

Please note that NAESB contracts with the above vendors have been filed with the Commission. For the period under review in total (six-month period ending April 30, 2018) East Kentucky's gas purchases were 100% spot.

<sup>\*</sup> TGP is the pipeline transportation company. Quantity shown is monthly balancing on the pipeline.

# PSC CASE NO. 2018-00217 FUEL ADJUSTMENT CLAUSE RESPONSE TO INFORMATION REQUEST

COMMISSION STAFF'S INFORMATION REQUEST DATED 08/10/18 REQUEST 7

RESPONSIBLE PARTY: Mark Horn

Request 7. For 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, East Kentucky could not operate several of its Smith Station natural gas units using natural gas on January 1, 5, 18, and 19 of 2018 due to natural gas pipeline constraints. The units operated using our back-up supply of fuel oil #2.

# PSC CASE NO. 2018-00217 FUEL ADJUSTMENT CLAUSE RESPONSE TO INFORMATION REQUEST

COMMISSION STAFF'S INFORMATION REQUEST DATED 08/10/18 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.

# PSC CASE NO. 2018-00217 FUEL ADJUSTMENT CLAUSE RESPONSE TO INFORMATION REQUEST

### COMMISSION STAFF'S INFORMATION REQUEST DATED 08/10/18 REQUEST 9

RESPONSIBLE PARTY: Mark Horn

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

Response 9a. East Kentucky has not conducted any audits of fuel or transportation contracts during the period under review. East Kentucky does review financials and conducts thorough mine visits and mining permit reviews annually and before entering into term agreements with coal suppliers. East Kentucky also audits requests from coal companies for compensation from Governmental Impositions stemming from the Mine Improvement and New Energy Response Act of 2006 (MINER Act).

East Kentucky did execute a barge transportation contract with Ingram Barge Company, LLC, on July 12, 2017, to replace the barge transportation contract with Crounse Corporation that ended January 31, 2018.

#### **Request 9b.** 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 9b(1-3).** No contracts were audited for the period under review.

# PSC CASE NO. 2018-00217 FUEL ADJUSTMENT CLAUSE RESPONSE TO INFORMATION REQUEST

### COMMISSION STAFF'S INFORMATION REQUEST DATED 08/10/18 REQUEST 10

RESPONSIBLE PARTY: Mark Horn

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

Response 10a. East Kentucky is currently involved in litigation with one coal supplier.

**Request 10b(1).** If yes, for each litigation identify the supplier or vendor;

**Response 10b(1).** Appalachian Fuels, LLC ("Appalachian").

**Request 10b(2).** If yes, for each litigation, identify the contract involved;

Response 10b(2). The coal contract involved between East Kentucky and Appalachian is dated December 4, 2001, and subsequent amendments thereto for coal to be delivered to Spurlock Power Station Unit Nos. 1 and 2.

Request 10b(3). If yes, for each litigation, state the potential liability or recovery to East Kentucky;

Response 10b(3). East Kentucky has an agreed unsecured claim in the amount of \$18,000,000 as set forth in Agreed Order Resolving Objection of the Liquidating Trustee of the App Fuels Creditor Trust to the Claim of East Kentucky Power Cooperative, Inc. [Doc. No. 2469] (the "Agreed Order") entered on April 22, 2015, in the Appalachian bankruptcy case pending in the United States Bankruptcy Court for the Eastern District of Kentucky, Case No. 09-10343 (the "Appalachian Bankruptcy").

**Request 10b(4).** If yes, for each litigation, list the issues presented;

Response 10b(4). The issues presented regarding Appalachian are (a) whether Appalachian breached its agreement to deliver coal to East Kentucky's Spurlock Power Station and (b) whether Appalachian breached its agreement to provide a performance bond to provide further security to East Kentucky in the event of default or failure to deliver.

**Request 10b(5).** Provide a copy of the complaint or other legal pleading that initiated the litigation and any answers or counterclaims. If a copy has previously been filed with the Commission, provide the date on which it was filed and the case in which it was filed.

Response 10b(5). The Complaint with Appalachian was previously filed on September 12, 2008, in Case No. 2008-00284, and the Corrected Answer was previously filed on February 11, 2009, in Case No. 2008-00519. In addition, East Kentucky previously filed a proof of claim in Appalachian's Bankruptcy proceeding on September 10, 2009, in Case No. 2009-00286, and an Agreed Order on August 13, 2015, in Case No. 2015-00233.

**Request 10c.** State the current status of all litigation with suppliers or vendors.

Response 10c. East Kentucky filed a motion for partial summary judgment in March of 2008 in the Clark Circuit Court proceeding against Appalachian. While that motion was pending, Appalachian made an assignment for benefit of creditors on May 26, 2009. On June 11, 2009, certain creditors of Appalachian placed Appalachian in involuntary bankruptcy. East Kentucky filed a proof of claim in that proceeding, which is described in Item 10b(5) above. The bankruptcy stayed the Clark Circuit Court action, and East Kentucky pursued its claims against Appalachian in the bankruptcy proceeding. A plan was proposed in the bankruptcy proceeding and has been approved. This plan was provided to the Commission on October 25, 2012, in Case No. 2012-00319. The

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

# PSC CASE NO. 2018-00217 FUEL ADJUSTMENT CLAUSE RESPONSE TO INFORMATION REQUEST

#### COMMISSION STAFF'S INFORMATION REQUEST DATED 08/10/18 REQUEST 11

RESPONSIBLE PARTY: Mark Horn

**Request 11a-c.** a. For the period under review, state if there have been any changes to East Kentucky's written policies and procedures regarding its fuel procurement.

#### b. If yes:

- (1) Describe the changes;
- (2) Provide the written policies and procedures as changed;
- (3) State the date(s) the changes were made; and
- (4) Explain why the changes were made.
- c. If no, provide the date East Kentucky's current fuel procurement policies and procedures were last changed, when they were last provided to the Commission, and identify the proceeding in which they were provided.

**Response 11a-c.** No policies or procedures were updated during the period under review. Written policies and procedures previously filed with the Commission are the Fuel and Emissions Department Procurement Manual and Fuel, Emissions, Limestone, and Lime

Strategy, both revised September 28, 2017; 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 and procedures were filed on March 2, 2018, in Case No. 2018-00019.

# PSC CASE NO. 2018-00217 FUEL ADJUSTMENT CLAUSE RESPONSE TO INFORMATION REQUEST

### COMMISSION STAFF'S INFORMATION REQUEST DATED 08/10/18 REQUEST 12

**RESPONSIBLE PARTY:** Julia J. Tucker

Request 12. For the period under review, list all firm power commitments 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 12a-b.

(a)	Party	Commitment	Purpose	Date of Commitment
	SEPA	Up to 170	Energy	07/01/1998 – on-going
(b)	Party	Commitment	Purpose	Date of Commitment
	LG&E/KU	165 MW	Peaking (Bluegrass 3)	01/01/2016 – 04/30/2019

# PSC CASE NO. 2018-00217 FUEL ADJUSTMENT CLAUSE RESPONSE TO INFORMATION REQUEST

### COMMISSION STAFF'S INFORMATION REQUEST DATED 08/10/18 REQUEST 13

**RESPONSIBLE PARTY:** Michelle K. Carpenter

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

Response 13. Please see pages 2 through 35 of this response for sales to East Kentucky Power Cooperative member systems and pages 36 through 41 of this response for off-system sales for the period under review.

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

2017

#### November

							November		
CO-OP Name/EKPC		kw	кwн	Base Mills/KWH	Fuel Charge	Fuel Mills/KWH	Surcharge	Surcharge Mills/KWH	Revenue
BIG SANDY RECC	Month	45,963	19,360,026	61.85	-63,500	58,57	232,574	70.58	1,366,525
	YTD	472,569	194,753,803	64.65	-962,855	59.70	1,910,885	69.52	13,538,347
BLUE GRASS ENERGY	Month	249,309	107,526,539	60.32	-352,687	57.04	1,257,847	68.73	7,390,710
	YTD	2,723,051	1,192,686,050	62.08	-5,935,690	57.10	11,223,373	66.51	79,326,800
CLARK ENERGY COOP	Month	87,548	36,444,480	62.54	-119,540	59.26	442,962	71.42	2,602,704
	YTD	916,481	377,089,185	65,23	-1,866,943	60.28	3,744,276	70.21	26,475,722
CUMBERLAND VALLEY ELECTRIC	Month	89,575	37,417,931	62.04	-122,730	58.76	450,928	70.81	2,649,502
	YTD	907,206	386,553,856	64.19	-1,910,408	59,25	3,764,658	68.98	26,666,265
FARMERS RECC	Month	91,377	40,895,267	60.33	-134,136	57.05	480,410	68.80	2,813,399
	YTD	1,003,323	452,999,722	62.50	-2,255,577	57.52	4,323,403	67.06	30,379,918
FLEMING MASON RECC	Month	163,856	79,465,174	53.66	-223,830	50.85	791,734	60.81	4,832,315
	YTD	1,772,504	906,529,430	54.01	-3,749,845	49.88	7,066,427	57.67	52,281,142
GRAYSON RECC	Month	46,236	21,554,306	60.54	-70,698	57,26	253,121	69.00	1,487,263
	YTD	510,487	222,824,151	63.79	-1,105,273	58.83	2,160,625	68.53	15,269,752
INTER-COUNTY ECC	Month	95,598	39,334,216	61.59	-128,642	58.32	470,525	70.29	2,764,653
	YTD	1,018,365	410,975,337	64.18	-2,025,316	59.25	4,009,252	69.00	28,359,161
JACKSON ENERGY COOP	Month	186,719	74,457,083	62.44	-244,218	59.16	903,448	71.29	5,308,357
	YTD	1,873,718	768,876,599	64.36	-3,795,469	59.42	7,514,082	69.19	53,201,360
LICKING VALLEY RECC	Month	47,713	21,382,734	61.08	-70,135	57.80	253,488	69.66	1,489,416
	YTD	508,339	218,501,581	64.14	-1,079,808	59.20	2,128,389	68.94	15,062,996
NOLIN RECC	Month	143,730	61,043,448	59.96	-200,223	56.68	709,628	68.30	4,169,540
	YTD	1,575,914	680,374,958	61.83	-3,383,129	56.86	6,391,933	66.26	45,079,507
OWEN EC	Month	356,547	175,367,869	50.79	-574,935	47.52	1,720,345	57.33	10,053,059
	YTD	4,085,244	2,074,877,314	52.51	-10,374,002	47.51	16,415,865	55.42	114,996,654
SALT RIVER RECC	Month	204,254	93,483,060	60.05	-306,625	56.77	1,088,543	68,42	6,395,903
	YTD	2,352,232	1,061,975,804	62.49	-5,307,583	57.49	10,122,776	67.02	71,173,503
SHELBY ENERGY COOP	Month	81,098	40,871,656	58.04	-134,059	54.76	458,983	65.99	2,697,279
	YTD	921,586	450,659,773	60.56	-2,240,168	55.59	4,135,080	64.76	29,185,434
SOUTH KENTUCKY RECC	Month	275,950	105,154,553	62.64	-342,493	59.39	1,280,809	71.57	7,525,612
	YTD	2,768,773	1,131,697,517	63.92	-5,592,963	58.98	11,001,585	68.70	77,744,109
TAYLOR COUNTY RECC	Month	108,008	47,415,031	56.14	-126,120	53.48	492,795	63.87	3,028,553
	YTO	1,128,494	505,552,605	58.00	-2,053,968	53.94	4,283,028	62,41	31,551,687
CO-OP Subtotals	Month	2,273,481	1,001,173,373	58.43	-3,214,571	55.22	11,288,140	66.50	66,574,790
	YTD	24,538,286	11,036,927,685	60.14	-53,638,997	55.28	100,195,637	64.36	710,292,357

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

2017

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						November				
CO-OP Name/EKPC			KW	KWH	Base Mills/KWH	Fuel Charge	Fuel Mills/KWH	Surcharge	Surcharge Mills/KWH	Revenue
International Paper Steam		Month	31,416	17,241,398	50.16	-58,248	46.78	169,714	56.63	976,349
		YTD	350,206	188,922,643	51.86	-962,902	46.76	1,487,832	54.63	10,321,573
Totals		Month	2,304,897	1,018,414,771	58.29	-3,272,819	55.08	11,457,854	66.33	67,551,139
		YTD	24,888,492	11,225,850,328	60.00	-54,601,899	55.13	101,683,469	64.19	720,613,930
Burnside		Month	158	65,981	61.55	-216	58.27	789	70.23	4,634
		YTD	1,225	543,013	62.23	-2,574	57.48	5,003	66.70	36,218
East Ky Office		Month	1,031	559,550	57.14	-1,835	53,86	6,182	64.91	36,322
		YTD	9,838	6,028,463	57.24	-29,877	52.29	51,682	60.86	366,883
Smith Environmental Office		Month	92	49,875	57.14	-164	53.85	551	64.90	3,237
		YTD	913	536,614	57.78	-2,653	52.83	4,638	61.47	32,988
Dale Station		Month	45	31,138	53.99	-102	50.71	324	61.12	1,903
		YTD	562	381,142	56.08	-1,845	51.24	3,112	59.40	22,641
EKPC Subtotals		Month	1,326	706,544	57.42	-2,317	54.14	7,846	65.24	46,096
70.670.400		YTD	12,538	7,489,232	57.58	-36,949	52.65	64,435	61.25	458,730
	Totals	Month	2,306,223	1,019,121,315	58.29	-3,275,136	55.08	11,465,700	66.33	67,597,235
		YTD	24,901,030	11,233,339,560	60.00	-54,638,848	55.13	101,747,904	64.19	721,072,660

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

#### November 2017

				November 2017		
CO-OP Name/EKPC		кwн	KWH Charge	Revenue		
BIG SANDY RECC	Month	3,000	0.0250	75		
	YTD	34,000		855		
BLUE GRASS ENERGY	Month	19,800	0.0250	495		
	YTD	221,500		5,539		
CLARK ENERGY COOP	Month	3,100	0.0250	78		
	YTD	34,100	35-400-7	858		
CUMBERLAND VALLEY ELECTRIC	Month	1,200	0.0250	30		
	YTD	14,200		360		
FARMERS RECC	Month	1,400	0.0250	35		
	YTD	15,400	310200	385		
FLEMING MASON RECC	Month	1,800	0.0250	45		
	YTD	19,800	0.0230	495		
GRAYSON RECC	Month	4,700	0.0250	118		
	YTD	52,400		1,315		
NTER-COUNTY ECC	Month	37,300	0.0250	933		
	YTD	152,100		3,805		
ACKSON ENERGY COOP	Month	7,400	0.0250	185		
	YTD	82,700	The control of the co	2,068		
LICKING VALLEY RECC	Month	2,200	0.0250	55		
	YTD	24,200		605		
NOLIN RECC	Month	18,100	0.0250	453		
	YTD	203,100		5,080		
OWEN EC	Month	168,100	0.0250	4,203		
	YTD	1,857,500		46,439		
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### EAST KENTUCKY POWER COOPERATIVE INC. Wholesale Power Accounting Green Power Billing Summary

#### November 2017

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CO-OP Name/EKPC		кwн	KWH Charge	Revenue
SALT RIVER RECC	Month YTD	45,900 508,000	0.0250	1,148 12,705
SHELBY ENERGY COOP	Month YTD	10,600 116,600	0.0250	265 2,915
SOUTH KENTUCKY RECC	Month	15,600 177,100	0.0250	390 <b>4,</b> 431
EKPC Subtotals	Month YTD	340,200 3,512,700	0.0250	8,508 87,855
Totals	Month YTD	340,200 3,512,700	0.0250	8,508 87,855

November 2017

CO-OP Name		ĸw	DLC Demand Charge	DLC Credit	DLC Demand Surcharge	Total Revenue
BIG SANDY RECC			220210200 100.00	0.0000000000000000000000000000000000000		2, 532 ( 3, 24, 24, 24
	Month	Ö	ď	-1,585	-325	-1,910
	YTD	0	Ó	-17,451	-2,874	-20,325
BLUE GRASS ENERGY	1,727			0,000	20.	
	Month	D.	ď	-21,559	-4,422	-25,981
	YTD	0	ū	-238,780	-39,324	-278,104
CLARK ENERGY COOP	175		~	7230,700	30,324	-270,104
	Month	0.	0	-1,686	-346	-2,032
	YTD	0	ū	-18,461	-3,044	-21,505
CUMBERLAND VALLEY ELECTRIC				3,4,4-7	-1	471584
	Month	0	0	-2,855	-586	-3,441
	YTD	0	0	-31,342	-5,164	-36,506
FARMERS RECC						12.000
	Month	0	0	-5,130	-1,052	-6,182
	YTD	0	0	-56,304	-9,277	-65,581
FLEMING MASON RECC						
	Month	σ	0	-2,711	-556	-3,267
	YTD	a	D	-29,594	-4,878	-34,472
GRAYSON RECC						
	Month	0	0	-2,019	-414	-2,433
	YTD	0	D	-22,414	-3,692	-26,106
INTER-COUNTY ECC						
	Month	0	.0	-5,816	-1,193	-7,009
	YTD	0	0	-63,116	-10,407	-73,523
JACKSON ENERGY COOP						
	Month	0	0	-2,342	-460	-2,822
	YTD	0	0	-25,576	4,216	-29,792
LICKING VALLEY RECC						
	Month	a	0	-1,361	-279	-1,640

November 2017

CO-OP Name		KW	<b>DLC Demand Charge</b>	DLC Credit	<b>DLC Demand Surcharge</b>	Total Revenu
	YTD	O	0	-14,941	-2,462	-17,403
NOLIN RECC						
	Month	0	O.	0	0	0
	YTD	O.	0	D	0	0
OWEN EC						
	Month	0	0	-11,414	-2,341	-13,755
	YTD	0	O O	-125,027	-20,604	-145,631
SALT RIVER RECC						
	Month	0	0	-7,294	-1,496	-8,790
	YTD	0	0	-80,343	-13,237	-93,580
SHELBY ENERGY COOP						
	Month	0	0	-3,783	-776	4,559
	YTD	0	0	-41,474	-6,836	-48,310
SOUTH KENTUCKY RECC						
	Month	0	0	-11,617	-2,383	-14,000
	YTD	0	O	-127,355	-20,988	-148,343
TAYLOR COUNTY RECC						
	Month	D	0	-1,287	-264	-1,551
	YTD	0	0	-12,657	-2,090	-14,747
	Month	Ó	0	-82,459	-16,913	-99,372
Totals:	YTD	0	0	-904,835	-149,093	-1,053,928

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

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#### December

CO-OP Name/EKPC		ĸw	кwн	Base Mills/KWH	Fuel Charge	Fuel Mills/KWH	Surcharge	Surcharge Mills/KWH	Revenue
BIG SANDY RECC	Month	58,696	25,805,774	60.84	-59,611	58.53	269,899	68.99	1,780,250
	YTD	531,265	220,559,577	64.20	-1,022,466	59.57	2,180,784	69.45	15,318,597
BLUE GRASS ENERGY	Month	318,550	145,116,590	59.41	-335,216	57.10	1,480,764	67.31	9,767,086
	YTD	3,041,601	1,337,802,640	61.79	-6,270,906	57.10	12,704,137	66.60	89,093,886
CLARK ENERGY COOP	Month	115,991	50,803,907	61.21	-117,357	58.90	534,747	69.43	3,527,198
	OTY	1,032,472	427,893,092	64.75	-1,984,300	60.12	4,279,023	70.12	30,002,920
CUMBERLAND VALLEY ELECTRIC	Month	113,500	49,514,652	61.00	-114,381	58.69	519,350	69.18	3,425,610
	YTD	1,020,706	436,068,508	63.83	-2,024,789	59.18	4,284,008	69.01	30,091,875
FARMERS RECC	Month	115,600	52,323,150	60.07	-120,864	57.76	541,781	68.11	3,563,940
Act, constant and	YTD	1,118,923	505,322,872	62.25	-2,376,441	57.54	4,865,184	67.17	33,943,858
FLEMING MASON RECC	Month	186,331	96,786,433	52.98	-188,375	51.03	841,108	59.72	5,780,262
	YTD	1,958,835	1,003,315,863	53.91	-3,938,220	49.99	7,907,535	57.87	58,061,404
GRAYSON RECC	Month	59,718	28,033,632	60.08	-64,758	57.77	289,405	68.09	1,908,908
	YTD	570,205	250,857,783	63.38	-1,170,031	58.71	2,450,030	68,48	17,178,660
NTER-COUNTY ECC	Month	129,875	54,779,667	60.96	-126,180	58.65	574,162	69.13	3,787,158
V. 12-10-12-13-10-13-10-13-10-13-10-13-13-13-13-13-13-13-13-13-13-13-13-13-	YTD	1,148,240	465,755,004	63.80	-2,151,496	59.18	4,583,414	69.02	32,146,319
JACKSON ENERGY COOP	Month	238,899	102,271,102	61.02	-236,244	58.71	1,072,934	69.20	7,077,017
	YTD	2,112,617	871,147,701	63.97	-4,031,713	59.34	8,587,016	69.19	60,278,377
LICKING VALLEY RECC	Month	60,728	28,522,511	60.03	-65,888	57.72	294,218	68.04	1,940,644
	YTD	569,067	247,024,092	63.66	-1,145,696	59.03	2,422,607	68.83	17,003,640
NOLIN RECC	Month	185,726	80,028,831	59.86	-184,869	57.55	823,059	67.84	5,428,863
	YTD	1,761,640	760,403,789	61,63	-3,567,998	56.93	7,214,992	66.42	50,508,370
OWEN EC	Month	401,444	209,417,310	51.08	-483,753	48.77	1,835,065	57.54	12,048,912
	YTD	4,486,688	2,284,294,624	52.38	-10,857,755	47.63	18,250,930	55.62	127,045,566
SALT RIVER RECC	Month	252,739	122,500,280	59.10	-282,976	56.79	1,243,181	66.94	8,199,983
	YTD	2,604,971	1,184,476,084	62.14	-5,590,559	57.42	11,365,957	67.01	79,373,486
SHELBY ENERGY COOP	Month	99,960	50,035,813	58.16	-115,584	55.85	499,397	65.83	3,294,011
	YTD	1,021,546	500,695,586	60.32	-2,355,752	55.61	4,634,477	64-87	32,479,445
SOUTH KENTUCKY RECC	Month	353,692	142,950,824	61.68	-331,158	59.37	1,516,333	69.97	10,002,634
	YTD	3,122,465	1,274,648,341	63.67	-5,924,121	59.02	12,517,918	68.84	87,746,743
TAYLOR COUNTY RECC	Month	133,073	61,415,651	56.66	-120,417	54.70	574,731	64.05	3,933,915
	YTD	1,261,567	566,968,256	57.86	-2,174,385	54.02	4,857,759	62.59	35,485,602
CO-OP Subtotals	Month	2,824,522	1,300,306,127	58.07	-2,947,631	55.80	12,910,134	65.73	85,466,391
	YTD	27,362,808	12,337,233,812	59.92	-56,586,628	55.33	113,105,771	64.50	795,758,748

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

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CO-OP Name/EKPC			ĸw	кwн	Base Mills/KWH	Fuel Charge	Fuel Mills/KWH	Surcharge	Surcharge Mills/KWH	Revenue	
International Paper Steam		Month	31,646	20,505,804	48.83	-48,789	46.45	173,920	54.93	1,126,337	
		YTD	381,852	209,428,447	51.56	-1,011,691	46.73	1,661,752	54.66	11,447,910	
Totals		Month	2,856,168	1,320,811,931	57.92	-2,996,420	55.65	13,084,054	65.56	86,592,728	
		YTD	27,744,660	12,546,662,259	59.78	-57,598,319	55.19	114,767,523	64,34	807,206,658	
Burnside		Month	238	106,513	60.27	-246	57.96	1,103	68.32	7,277	
		YTD	1,463	649,526	61.91	-2,820	57.56	6,106	66.96	43,495	
East Ky Office		Month	1,212	678,528	56.69	-1,568	54.38	6,594	64.10	43,493	
		YTD	11,050	6,706,991	57.19	-31,445	52.50	58,276	61.19	410,376	
Smith Environmental Office		Month	98	57,458	56.04	-133	53.73	552	63.33	3,639	
		YTD	1,011	594,072	57.61	-2,786	52.92	5,190	61.65	36,627	
Dale Station		Month	61	42,416	53.89	-98	51.58	391	60.80	2,579	
		YTD	623	423,558	55.86	-1,943	51.27	3,503	59.54	25,220	
EKPC Subtotals		Month	1,609	884,915	56.95	-2,045	54.64	8,640	64.40	56,988	
		YTD	14,147	8,374,147	57.51	-38,994	52.86	73,075	61.58	515,718	
	Totals	Month	2,857,777	1,321,696,846	57.92	-2,998,465	55.65	13,092,694	65.56	86,649,716	
		YTD	27,758,807	12,555,036,406	59.78	-57,637,313	55.19	114,840,598	64.33	807,722,376	

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

#### December 2017

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CO-OP Name/EKPC		кwн	KWH Charge	Revenue		
BIG SANDY RECC	Month	3,000	0.0250	75		
	YTD	37,000		930		
BLUE GRASS ENERGY	Month	19,800	0.0250	495		
	YTD	241,300		6,034		
CLARK ENERGY COOP	Month	3,100	0.0250	78		
	YTD	37,200	0.0230	936		
CUMBERLAND VALLEY ELECTRIC	Month	1,200	0.0250	30		
	YTD	15,400		390		
FARMERS RECC	Month	1,400	0.0250	35		
3000000	YTD	16,800	0.0200	420		
FLEMING MASON RECC	Month	1,800	4 222	45		
-LEWING WASON RECC	YTD	21,600	0.0250	540		
GRAYSON RECC	Month	4,600	0.0250	115		
	YTD	57,000		1,430		
INTER-COUNTY ECC	Month	37,300	0.0250	933		
	YTD	189,400		4,738		
JACKSON ENERGY COOP	Month	7,300	0.0250	183		
	YTD	90,000		2,251		
LICKING VALLEY RECC	Month	2,200	0.0250	55		
	YTD	26,400		660		
NOLIN RECC	Month	18,000	0.0250	450		
	YTD	221,100		5,530		

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

#### December 2017

CO-OP Name/EKPC		KWH	KWH Charge	Revenue
OWEN EC	Month	297,900	0.0250	7,448
	YTD	2,155,400		53,887
SALT RIVER RECC	Month	45,800	0.0250	1,145
270000000000000000000000000000000000000	YTD	553,800	0.0250	13,850
SHELBY ENERGY COOP	Month	10,600	0.0250	265
	YTD	127,200		3,180
SOUTH KENTUCKY RECC	Month	15,600	0.0050	390
SOOTH KENTOOKT KEGG	YTD	192,700	0.0250	4,821
EKPC Subtotals	Month	469,600	0.0250	11,742
	YTD	3,982,300		99,597
Total		469,600	0.0250	11,742
	YTD	3,982,300		99,597

December 2017

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BIG SANDY RECC			DLC Demand Charge		DLC Demand Surcharge	Total Revenue
	Month	0	0	-1,585	-283	-1,868
	YTD	0	Q	-19,036	-3,157	-22,193
BLUE GRASS ENERGY						
	Month	.0	0	-21,482	-3,839	-25,321
	YTD	0	o	-260,262	-43,163	-303,425
CLARK ENERGY COOP						
	Month	0	0	-1,695	-303	-1,998
	YTD	0	0	-20,156	-3,347	-23,503
CUMBERLAND VALLEY ELECTRIC						
	Month	0	0	-2,855	-510	-3,365
	YTD	D.	0	-34,197	-5,674	-39,871
FARMERS RECC						
	Month	0	0	-5,130	-917	-6,047
	YTD	0	0	-61,434	-10,194	-71,628
FLEMING MASON RECC						
	Month	0	0	-2,711	-484	-3,195
	YTD	0	0	-32,305	-5,362	-37,667
GRAYSON RECC						
	Month	0	0	-2,007	-359	-2,366
	YTD	0	0	-24,421	-4,051	-28,472
INTER-COUNTY ECC						
	Month	O	0	-5,816	-1,039	-6,855
	YTD	0	0	-68,932	-11,446	-80,378
JACKSON ENERGY COOP						
	Month	D	0	-2,360	-422	-2,782
	YTD	0	O O	-27,936	-4,638	-32,574
LICKING VALLEY RECC						
	Month	o	0	-1,269	-227	-1,496

December 2017

CO-OP Name		KW	DLC Demand Charge	DLC Credit	DLC Demand Surcharge	Total Revenu
	YTD	0	0	-16,210	-2,689	-18,899
NOLIN RECC						
	Month	0	0	o	0	0
	YTD	0	0	0	0	0
OWEN EC						
	Month	0	0	-11,425	-2,042	-13,467
	YTD	0	0	-136,452	-22,646	-159,098
SALT RIVER RECC						
	Month	0	a	-7,167	-1,281	-8,448
	YTD	0	D	-87,510	-14,518	-102,028
SHELBY ENERGY COOP						
	Month	D	D	-3,690	-659	-4,349
	YTD	Ó	0	-45,164	-7,495	-52,659
SOUTH KENTUCKY RECC						
	Month	0	0	-11,617	-2,076	-13,693
	YTD	0	0	-138,972	-23,064	-162,036
TAYLOR COUNTY RECC						
	Month	0	0	-1,287	-230	-1,517
	YTD	0	0	-13,944	-2,320	-16,264
	Month	0	0	-82,096	-14,671	-96,767
Totals:	YTD	0	0	-986,931	-163,764	-1,150,695

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

2018

January

						January			
CO-OP Name/EKPC		KW	кwн	Base Mills/KWH	Fuel Charge	Fuel Mills/KWH	Surcharge	Surcharge Mills/KWH	Revenue
BIG SANDY RECC	Month	74,438	31,161,687	61.26	-34,901	60.14	307,137	69.99	2,181,060
	YTD	74,438	31,161,687	61.26	-34,901	60.14	307,137	69.99	2,181,060
BLUE GRASS ENERGY	Month	387,743	168,798,255	59.80	-189,054	58.68	1,623,445	68.30	11,528,530
	YTD	387,743	168,798,255	59.80	-189,054	58.68	1,623,445	68.30	11,528,530
CLARK ENERGY COOP	Month	139,357	59,087,417	61.40	-66,181	60.28	583,751	70.16	4,145,375
	YTD	139,357	59,087,417	61,40	-66,181	60.28	583,751	70.16	4,145,375
CUMBERLAND VALLEY ELECTRIC	Month	141,270	59,103,504	61.33	-66,195	60.21	583,261	70.08	4,141,907
	YTD	141,270	59,103,504	61.33	-66,195	60.21	583,261	70.08	4,141,907
FARMERS RECC	Month	140,103	61,644,794	60.21	-69,042	59.09	598,568	68,80	4,240,974
	YTD	140,103	61,644,794	60.21	-69,042	59.09	598,568	68.80	4,240,974
FLEMING MASON RECC	Month	212,621	102,091,261	55.28	-102,620	54.27	873,030	62.82	6,413,524
	YTD	212,621	102,091,261	55.28	-102,620	54.27	873,030	62.82	6,413,524
GRAYSON RECC	Month	74,516	31,976,733	60.73	-35,281	59.62	312,484	69.39	2,219,021
	YTD	74,516	31,976,733		-35,281	59.62	312,484	69.39	2,219,021
NTER-COUNTY ECC	Month	161,550	65,105,311	61.45	-72,852	60.33	643,780	70.22	4,571,660
	YTD	161,550	65,105,311	61.45	-72,852	60.33	643,780	70.22	4,571,660
JACKSON ENERGY COOP	Month	295,899	122,770,351	61.20	-137,501	60.08	1,208,842	69.92	8,584,317
	YTD	295,899	122,770,351	61.20	-137,501	60.08	1,208,842	69.92	8,584,317
LICKING VALLEY RECC	Month	74,964	33,403,046	60.48	-37,411	59.36	324,999	69.09	2,307,910
	YTD	74,964	33,403,046	60.48	-37,411	59.36	324,999	69.09	2,307,910
NOLIN RECC	Month	226,137	94,075,653	60.22	-105,365	59.10	911,260	68.79	6,471,126
	YTD	226,137	94,075,653		-105,365	59.10	911,260	68.79	6,471,126
OWEN EC	Month	465,176	229,181,718	51.97	-256,684	50.85	1,919,265	59.23	13,574,124
	YTD	465,176	229,181,718		-256,684	50.85	1,919,265	59.23	13,574,124
SALT RIVER RECC	Month	309,464	139,323,056	59.90	-156,045	58.78	1,342,317	68.42	9,532,185
	YTD	309,464	139,323,056	59.90	-156,045	58.78	1,342,317	68.42	9,532,185
SHELBY ENERGY COOP	Month	118,462	56,142,175		-62,877	57.51	529,201	66.94	3,758,010
	YTD	118,462	56,142,175	and the same of th	-62,877	57.51	529,201	66.94	3,758,010
SOUTH KENTUCKY RECC	Month	437,169	173,460,751	61.58	-193,532	60.46	1,718,963	70.37	12,206,825
	YTD	437,169	173,460,751	61.58	-193,532	60.46	1,718,963	70.37	12,206,825
TAYLOR COUNTY RECC	Month	159,783	69,823,276	58.79	-68,298	57.81	625,213	66.77	4,662,033
	OTY	159,783	69,823,276	58.79	-68,298	57.81	625,213	66.77	4,662,033
CO-OP Subtotals	Month	3,418,652	1,497,148,988	58.84	-1,653,839	57.73	14,105,516	67.15	100,538,581
OO-OI GUDIOIAIS	YTD	3,418,652	1,497,148,988	58.84	-1,653,839	57.73	14,105,516	67.15	100,538,581

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

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January

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CO-OP Name/EKPC			KW	кwн	Base Mills/KWH	Fuel Charge	Fuel Mills/KWH	Surcharge	Surcharge Mills/KWH	Revenue
International Paper Steam		Month	36,145	20,754,066	49.71	-23,895	48.56	168,603	56.69	1,176,466
		YTD	36,145	20,754,066	49.71	-23,895	48.56	168,603	56.69	1,176,466
Totals		Month	3,454,797	1,517,903,054	58.71	-1,677,734	57.61	14,274,119	67.01	101,715,047
		YTD	3,454,797	1,517,903,054	58.71	-1,677,734	57.61	14,274,119	67.01	101,715,047
Burnside		Month	274	122,057	60.35	-137	59.23	1,185	68.94	8,414
		YTD	274	122,057	60.35	-137	59.23	1,185	68.94	8,414
East Ky Office		Month	1,299	728,585	56.67	-816	55.55	6,634	64.65	47,104
		YTD	1,299	728,585	56.67	-816	55.55	6,634	64.65	47,104
Smith Environmental Office		Month	107	65,007	55.56	-73	54.44	580	63.36	4,119
		YTD	107	65,007	55.56	-73	54.44	580	63.36	4,119
Dale Station		Month	68	45,655	54.32	-51	53.20	398	61.92	2,827
		YTD	68	45,655	54.32	-51	53.20	398	61.92	2,827
EKPC Subtotals		Month	1,748	961,304	56.95	-1,077	55.83	8,797	64.98	62,464
		YTD	1,748	961,304	56.95	-1,077	55.83	8,797	64.98	62,464
	Totals	Month	3,456,545	1,518,864,358	58.71	-1,678,811	57.61	14,282,916	67.01	101,777,511
		YTD	3,456,545	1,518,864,358	58.71	-1,678,811	57.61	14,282,916	67.01	101,777,511

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

January 2018

CO-OP Name/EKPC		KWH	KWH Charge	Revenue
IG SANDY RECC	Month	2,900	0.0250	73
	YTD	2,900		73
LUE GRASS ENERGY	Month	19,500	0.0250	488
	YTD	19,500		488
LARK ENERGY COOP	Month	3,100	0.0250	78
	YTD	3,100		78
UMBERLAND VALLEY ELECTRIC	Month	1,200	0.0250	30
	YTD	1,200		30
ARMERS RECC	Month	1,400	0.0250	35
	YTD	1,400	- AVE-2-10-	35
LEMING MASON RECC	Month	1,800	0.0250	45
Canada marka deserva	YTD	1,800	0.0200	45
RAYSON RECC	Month	4,600	0.0250	115
	YTD	4,600	1,224	115
TER-COUNTY ECC	Month	37,300	0.0250	933
	YTD	37,300		933
ACKSON ENERGY COOP	Month	7,300	0.0250	183
	YTD	7,300		183
ICKING VALLEY RECC	Month	2,200	0.0250	55
	YTD	2,200		55
OLIN RECC	Month	18,000	0.0250	450
	YTD	18,000		450
OWEN EC	Month	37,600	0.0250	940
	YTD	37,600		940
ALT RIVER RECC	Month	45,900	0.0250	1,148
	YTD	45,900		1,148
HELBY ENERGY COOP	Month	10,600	0.0250	265
	YTD	10,600		265
OUTH KENTUCKY RECC	Month	15,400	0.0250	385
3 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	YTD	15,400	Carrier .	385
EKPC Subtotals	Month	208,800	0.0250	5,223
and an analysis for a	YTD	208,800	313.34	5,223
Tot	als Month	208,800	0.0250	5,223
19.	YTD	208,800		5,223

January 2018

CO-OP Name		ĸw	DLC Demand Charge	DLC Credit	DLC Demand Surcharge	Total Revenu
BIG SANDY RECC						
	Month	0	0	-1,590	-261	-1,851
	YTD	0	0	-1,590	-261	-1,851
BLUE GRASS ENERGY						
	Month	0	0	-21,540	-3,530	-25,070
	YTD	0	O	-21,540	-3,530	-25,070
CLARK ENERGY COOP	1,0	- 12		211232	140245	
	27 = 6	3.0	4	9200	622	-1,973
	Month	0	0	-1,695	-278	
CUMBERLAND VALLEY ELECTRIC	YTD	0	0	-1,695	-278	-1,973
COMBERGAND VALLEY ELECTRIC						
	Month	a	b	-2,855	-468	-3,323
	YTD	0	О	-2,855	-468	-3,323
FARMERS RECC						
	Month	0	Ü	-5,130	-841	-5,971
	YTO	à	ø	-5,130	-841	-5,971
FLEMING MASON RECC						
	Month	0	O.	-2,875	-471	-3,346
	YTD	0	0	-2,875	-471	-3,346
GRAYSON RECC						200
	Month	0	0	-1,999	-328	-2,327
	YTD	0	0	-1,999	-328	-2,327
INTER-COUNTY ECC	17.0			1,000		
						0.004
	Month	D	0	-5,697	-934	-6,631
MAKEON ENERGY COOR	YTD	0	σ	-5,697	-934	-6,631
JACKSON ENERGY COOP						
	Month	0	0	-2,360	-387	-2,747
Control of the Contro	YTD	0	0	-2,360	-387	-2,747
LICKING VALLEY RECC						
	Month	0	0	-1,269	-208	-1,477

January 2018

CO-OP Name		KW	<b>DLC Demand Charge</b>	DLC Credit	DLC Demand Surcharge	Total Revenue
	YTD	0	0	-1,269	-208	-1,477
NOLIN RECC						
	Month	0	0	O	0	0
	YTD	0	0	0	0	a
OWEN EC						
	Month	0	0	-11,421	-1,872	-13,293
	YTD	0	0	-11,421	-1,872	-13,293
SALT RIVER RECC						
	Month	0	0	-7,171	-1,175	-8,346
	YTD	0	0	-7,171	-1,175	-8,346
SHELBY ENERGY COOP						
	Month	0	Ó	-3,688	-604	-4,292
	YTD	0	ů.	-3,688	-604	-4,292
SOUTH KENTUCKY RECC						
	Month	0	0	-11,584	-1,899	-13,483
	YTD	0	0	-11,584	-1,899	-13,483
TAYLOR COUNTY RECC						
	Month	0	0	-1,291	-212	-1,503
	YTD	0	0	-1,291	-212	-1,503
	Month	.0	0	-82,165	-13,468	-95,633
Totals:	YTD	0	0	-82,165	-13,468	-95,633

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

2018

February

CO-OP Name/EKPC		ĸw	KWH	Base Mills/KWH	Fuel Charge	Fuel Mills/KWH	Surcharge	Surcharge Mills/KWH	Revenue
BIG SANDY RECC	Month	47,566	19,041,966	62.57	98,638	67.75	139,210	75.07	1,429,395
	YTD	122,004	50,203,653	61.76	63,737	63.03	446,347	71.92	3,610,455
BLUE GRASS ENERGY	Month	297,023	113,138,937	62.08	586,060	67.26	821,047	74.51	8,430,406
	YTD	684,766	281,937,192	60.71	397,006	62,12	2,444,492	70.79	19,958,936
CLARK ENERGY COOP	Month	100,466	37,166,320	64.27	192,522	69.45	278,520	76.95	2,859,792
	YTD	239,823	96,253,737	62.51	126,341	63.82	862,271	72.78	7,005,167
CUMBERLAND VALLEY ELECTRIC	Month	95,475	36,482,777	63.39	188,979	68.57	269,907	75.96	2,771,371
	YTD	236,745	95,586,281	62.11	122,784	63.40	853,168	72.33	6,913,278
FARMERS RECC	Month	109,833	41,737,320	62,73	216,199	67.91	306,755	75.26	3,141,023
	YTD	249,936	103,382,114	61.22	147,157	62.65	905,323	71.40	7,381,997
FLEMING MASON RECC	Month	176,215	80,297,307	54.26	356,894	58.70	491,863	64.83	5,205,576
	YTD	388,836	182,388,568	54.83	254,274	56.22	1,364,893	63.71	11,619,100
GRAYSON RECC	Month	50,876	21,453,194	61.86	111,127	67.04	155,191	74.28	1,593,483
	YTD	125,392	53,429,927	61.18	75,846	62.60	467,675	71.36	3,812,504
NTER-COUNTY ECC	Month	117,626	41,423,052	63.97	213,951	69.14	309,016	76.60	3,172,921
	YTD	279,176	106,528,363	62.43	141,099	63.76	952,796	72.70	7,744,581
JACKSON ENERGY COOP	Month	203,297	75,810,381	63.43	392,699	68.61	561,184	76.01	5,762,160
	YTD	499,196	198,580,732	62.05	255,198	63,33	1,770,026	72.25	14,346,477
LICKING VALLEY RECC	Month	50,674	21,128,021	62.06	109,443	67.24	153,280	74.49	1,573,842
	YTD	125,638	54,531,067	61.09	72,032	62.41	478,279	71.18	3,881,752
NOLIN RECC	Month	178,208	65,283,574	62.19	338,169	67.37	474,581	74.64	4,872,926
	YTD	404,345	159,359,227	61.03	232,804	62.49	1,385,841	71.19	11,344,052
OWEN EC	Month	388,581	187,545,662	51.22	971,490	56.40	1,147,234	62.52	11,724,482
2,412(134)	YTD	853,757	416,727,380	51.63	714,806	53.35	3,066,499	60.71	25,298,606
SALT RIVER RECC	Month	245,623	97,646,535	62.00	505,806	67.18	707,817	74.43	7,267,758
	YTD	555,087	236,969,591	60.77	349,761	62.24	2,050,134	70.89	16,799,943
SHELBY ENERGY COOP	Month	96,177	42,017,442	59.87	217,651	65.05	294,932	72.07	3,028,321
solero esteris visados	YTD	214,639	98,159,617	59.16	154,774	60.74	824,133	69.14	6,786,331
SOUTH KENTUCKY RECC	Month	314,739	107,677,829	64.55	556,394	69.72	810,023	77.24	8,317,199
ovale not 1997 21 5.300 0 000 3.5	YTD	751,908	281,138,580	62.72	362,862	64.01	2,528,986	73.00	20,524,024
TAYLOR COUNTY RECC	Month	126,232	47,821,090	58.52	204,544	62.80	311,893	69.32	3,314,922
10 ST - 10 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	YTD	286,015	117,644,366	58.68	136,246	59.84	937,106	67.81	7,976,955
CO-OP Subtotals	Month	2,598,611	1,035,671,407	59.84	5,260,566	64.92	7,232,453	71.90	74,465,577
oo or outstand	YTD	6,017,263	2,532,820,395	59.25	3,606,727	60.67	21,337,969	69.09	175,004,158

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

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CO-OP Name/EKPC			кw	кwн	Base Mills/KWH	Fuel Charge	Fuel Mills/KWH	Surcharge	Surcharge Mills/KWH	Revenue	
International Paper Steam		Month	33,337	17,734,511	50.44	94,529	55.77	108,968	61.92	1,098,036	
		YTD	69,482	38,488,577	50.05	70,634	51.88	277,571	59.10	2,274,502	
Totals		Month	2,631,948	1,053,405,918	59.68	5,355,095	64.76	7,341,421	71.73	75,563,613	
		YTD	6,086,745	2,571,308,972	59.11	3,677,361	60.54	21,615,540	68.94	177,278,660	
Burnside		Month	220	69,785	67.61	361	72.78	548	80.63	5,627	
		YTD	494	191,842	62.99	224	64.16	1,733	73.19	14,041	
East Ky Office		Month	1,172	574,174	58.73	2,974	63.91	3,959	70.80	40,653	
		DTY	2,471	1,302,759	57.57	2,158	59.23	10,593	67.36	87,757	
Smith Environmental Office		Month	95	52,489	56.87	272	62.05	351	68.74	3,608	
		YTD	202	117,496	56.15	199	57.84	931	65.76	7,727	
Dale Station		Month	60	39,247	54.63	203	59.80	253	66.25	2,600	
		YTD	128	84,902	54.46	152	56.25	651	63.92	5,427	
EKPC Subtotals		Month	1,547	735,695	59.22	3,810	64.40	5,111	71.34	52,488	
V - W - C		YTD	3,295	1,696,999	57.93	2,733	59.54	13,908	67.74	114,952	
	Totals	Month	2,633,495	1,054,141,613	59,68	5,358,905	64.76	7,346,532	71.73	75,616,101	
		YTD	6,090,040	2,573,005,971	59.11	3,680,094	60.54	21,629,448	68.94	177,393,612	

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

February 2018

				February 2018		
CO-OP Name/EKPC		KWH	KWH Charge	Revenue		
BIG SANDY RECC	Month YTD	2,800 5,700	0.0250	70 143		
BLUE GRASS ENERGY	Month YTD	19,400 38,900	0.0250	485 973		
CLARK ENERGY COOP	Month YTD	3,100 6,200	0.0250	78 156		
SUMBERLAND VALLEY ELECTRIC	Month YTD	1,200 2,400	0.0250	30 60		
FARMERS RECC	Month YTD	1,400 2,800	0.0250	35 70		
FLEMING MASON RECC	Month YTD	1,800 3,600	0.0250	45 90		
GRAYSON RECC	Month YTD	4,600 9,200	0.0250	115 230		
NTER-COUNTY ECC	Month YTD	37,300 74,600	0.0250	933 1,866		
ACKSON ENERGY COOP	Month YTD	7,300 14,600	0.0250	183 366		
ICKING VALLEY RECC	Month YTD	2,200 4,400	0.0250	55 110		
NOLIN RECC	Month YTD	17,900 35,900	0.0250	448 898		
DWEN EC	Month YTD	37,700 75,300	0.0250	943 1,883		
SALT RIVER RECC	Month YTD	45,700 91,600	0.0250	1,143 2,291		
SHELBY ENERGY COOP	Month YTD	10,200 20,800	0.0250	255 520		
SOUTH KENTUCKY RECC	Month YTD	15,400 30,800	0.0250	385 770		
EKPC Subtotals	Month YTD	208,000 416,800	0.0250	5,203 10,426		
Tota	s Month YTD	208,000 416,800	0.0250	5,203 10,426		

February 2018

CO-OP Name		KW	<b>DLC Demand Charge</b>	DLC Credit	<b>DLC Demand Surcharge</b>	Total Revenue
	Month	0	0	-1,590	-172	-1,762
BIG SANDY RECC	YTD	0	0	-3,180	-433	-3,613
	Month	0	0	-21,465	-2,316	-23,781
BLUE GRASS ENERGY	YTD	0	o	-43,005	-5,846	-48,851
	Month	0	0	-1,695	-183	-1,878
CLARK ENERGY COOP	YTD	0	0	-3,390	-461	-3,851
	Month	0	0	-2,855	-308	-3,163
CUMBERLAND VALLEY ELECTRIC	YTD	0	0.	-5,710	-776	-6,486
	Month	0	0	-5,133	-554	-5,687
FARMERS RECC	YTD	0	0	-10,263	-1,395	-11,658
	Month	D	0	-2,875	-310	-3,185
FLEMING MASON RECC	YTD	0	0	-5,750	-781	-6,531
	Month	0	0	-1,995	-215	-2,210
GRAYSON RECC	YTD	D	O.	-3,994	-543	-4,537
	Month	0	0	-5,682	-613	-6,295
NTER-COUNTY ECC	YTD	0	Q	-11,379	-1,547	-6,295 -12,926
	Month	0	0	-2,360	-250	-2,615
ACKSON ENERGY COOP	YTD	0	0	-4,720	-642	-5,362
	Month	0	0	-1,269	-137	-1,406
LICKING VALLEY RECC	YTD	0	0	-2,538	-345	-2,883
	Month	0	0	0	D	o
NOLIN RECC	YTD	0	0	0	0	0
	Month	0	Ó	-11,420	-1,232	-12,652
DWEN EC	YTD	D	Q	-22,841	-3,104	-25,945
	Month	0	0	-7,171	-774	-7,945
SALT RIVER RECC	YTD	0	O	-14,342	-1,949	-16,291
	Month	D	O	-3,688	-398	-4,086
SHELBY ENERGY COOP	YTD	0	0	-7,376	-1,002	-8,378
	Month	0	0	-11,584	-1,250	-12,834
SOUTH KENTUCKY RECC	YTD	0	0	-23,168	-3,149	-26,317
	Month	0	O	-1,291	-139	-1,430

February 2018

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CO-OP Name		KW	<b>DLC Demand Charge</b>	DLC Credit	DLC Demand Surcharge	Total Revenue
TAYLOR COUNTY RECC	YTD	0	0	-2,582	-351	-2,933
	Month	0	0	-82,073	-8,856	-90,929
Totals:	YTD	0	0	-164,238	-22,324	-186,562

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

2018

March

						March				
CO-OP Name/EKPC		ĸw	кwн	Base Mills/KWH	Fuel Charge	Fuel Mills/KWH	Surcharge	Surcharge Mills/KWH	Revenue	
BIG SANDY RECC	Month	45,375	21,222,125	60.22	-32,257	58,70	90,810	62.98	1,336,484	
	YTD	167,379	71,425,778	61.30	31,480	61.74	537,157	69.26	4,946,939	
BLUE GRASS ENERGY	Month	261,433	124,467,522	58.66	-189,188	57.14	518,431	61.30	7,629,964	
	YTD	946,199	406,404,714	60.08	207,818	60.59	2,962,923	67.89	27,588,900	
CLARK ENERGY COOP	Month	89,149	41,298,778	60.78	-62,772	59.26	178,427	63.59	2,625,999	
	YTD	328,972	137,552,515	61.99	63,569	62.45	1,040,698	70.02	9,631,166	
CUMBERLAND VALLEY ELECTRIC	Month	90,483	40,565,917	60.88	-61,660	59.36	175,534	63.68	2,583,405	
	YTD	327,228	136,152,198	61.75	61,124	62.19	1,028,702	69,75	9,496,683	
FARMERS RECC	Month	92,898	44,730,460	59.26	-67,990	57.74	188,985	61.97	2,771,738	
A Third Control of the Control of th	YTD	342,834	148,112,574	60.63	79,167	61.17	1,094,308	68.55	10,153,735	
FLEMING MASON RECC	Month	166,551	83,966,013	53,34	-114,681	51.97	308,565	55.65	4,672,586	
	YTD	555,387	266,354,581	54.36	139,593	54.88	1,673,458	61.17	16,291,686	
GRAYSON RECC	Month	46,372	23,854,523	59.07	-36,258	57.55	100,084	61.75	1,472,975	
	YTD	171,764	77,284,450	60.53	39,588	61.04	567,759	68.39	5,285,479	
NTER-COUNTY ECC	Month	102,591	44,769,643	60.61	-67,950	59.09	192,845	63.40	2,838,179	
	YTD	381,767	151,298,006	61,89	73,149	62.37	1,145,641	69.95	10,582,760	
JACKSON ENERGY COOP	Month	190,311	83,064,928	60.92	-126,261	59.40	359,689	63.73	5,293,696	
	YTD	689,507	281,645,660		128,937	62.17	2,129,715	69.73	19,640,173	
LICKING VALLEY RECC	Month	48,157	23,419,685	59.82	-35,597	58.30	99,537	62.55	1,464,920	
	YTD	173,795	77,950,752		36,435	61.18	577,816	68.59	5,346,672	
NOLIN RECC	Month	145,849	69,466,715	58.26	-105,590	56.74	287,314	60.87	4,228,534	
	YTD	550,194	228,825,942	60.19	127,214	60.74	1,673,155	68.05	15,572,586	
OWEN EC	Month	368,760	206,211,392		-313,444	48.15	727,802	51.68	10,656,239	
	YTD	1,222,517	622,938,772		401,362	51.63	3,794,301	57.72	35,954,845	
SALT RIVER RECC	Month	212,565	103,699,583	59.09	-157,622	57.57	435,248	61.77	6,405,739	
	YTD	767,652	340,669,174	60.26	192,139	60.82	2,485,382	68.12	23,205,682	
SHELBY ENERGY COOP	Month	85,836	45,128,955		-68,595	55.86	183,784	59.94	2,704,840	
William States States	YTD	300,475	143,288,572		86,179	59.20	1,007,917	66.24	9,491,171	
SOUTH KENTUCKY RECC	Month	280,183	117,645,549	61,19	-178,662	59.68	511,802	64.03	7,532,413	
	YTD	1,032,091	398,784,129	62.27	184,200	62.73	3,040,788	70.35	28,056,437	
TAYLOR COUNTY RECC	Month	112,948	52,160,308		-64,980	54.58	196,432	58.34	3,043,155	
and the same of the same of	YTD	398,963	169,804,674	57.80	71,266	58.22	1,133,538	64.90	11,020,110	
CO-OP Subtotals	Month	2,339,461	1,125,672,096	57.20	-1,683,507	55.71	4,555,289	59.75	67,260,866	
3,5-2, 3-3,3-3,	YTD	8,356,724	3,658,492,491	58.62	1,923,220	59.14	25,893,258	66.22	242,265,024	

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

2018

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CO-OP Name/EKPC			кw	кwн	Base Mills/KWH	Fuel Charge	Fuel Mills/KWH	Surcharge	Surcharge Mills/KWH	Revenue
International Paper Steam		Month	32,804	20,717,870	48.79	-32,341	47.23	72,848	50.74	1,051,298
		YTD	102,286	59,206,447	49.61	38,293	50.25	350,419	56.17	3,325,800
Totals		Month	2,372,265	1,146,389,966	57.05	-1,715,848	55.55	4,628,137	59.59	68,312,164
		YTD	8,459,010	3,717,698,938	58.47	1,961,513	59.00	26,243,677	66.06	245,590,824
Burnside		Month	226	75,752	66.26	-115	64.74	358	69.46	5,262
		YTD	720	267,594	63.91	109	64.32	2,091	72.14	19,303
East Ky Office		Month	1,017	637,853	55,16	-970	53.64	2,494	57.55	36,706
		YTD	3,488	1,940,612	56,78	1,188	57.39	13,087	64.14	124,463
Smith Environmental Office		Month	107	55,290	57.88	-84	56.36	227	60.46	3,343
		YTD	309	172,786	56.70	115	57.37	1,158	64.07	11,070
Dale Station		Month	58	42,996	53.19	-65	51.68	162	55.45	2,384
		YTD	186	127,898	54.04	87	54.72	813	61.07	7,811
EKPC Subtotals		Month	1,408	811,891	56.27	-1,234	54.75	3,241	58.75	47,695
		YTD	4,703	2,508,890	57,40	1,499	57.99	17,149	64.83	162,647
	Totals	Month	2,373,673	1,147,201,857	57.05	-1,717,082	55.55	4,631,378	59,59	68,359,859
		YTD	8,463,713	3,720,207,828	58,47	1,963,012	59.00	26,260,826	66.06	245,753,471

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

#### March 2018

CO-OP Name/EKPC		KWH	KWH Charge	Revenue
BIG SANDY RECC	Month	2,800	0.0250	70
	YTD	8,500		213
LUE GRASS ENERGY	Month	19,400	0.0250	485
	YTD	58,300		1,458
LARK ENERGY COOP	Month	3,100	0.0250	78
	YTD	9,300		234
UMBERLAND VALLEY ELECTRIC	Month	1,200	0.0250	30
	YTD	3,600		90
ARMERS RECC	Month	1,400	0.0250	35
	YTD	4,200		105
LEMING MASON RECC	Month	1,800	0.0250	45
	YTD	5,400	100000	135
RAYSON RECC	Month	4,600	0.0250	115
	YTD	13,800		345
ITER-COUNTY ECC	Month	37,300	0.0250	933
	YTD	111,900		2,799
ACKSON ENERGY COOP	Month	7,300	0.0250	183
	YTD	21,900		549
CKING VALLEY RECC	Month	2,200	0.0250	55
	YTD	6,600		165
OLIN RECC	Month	17,900	0.0250	448
	YTD	53,800		1,346
WEN EC	Month	37,600	0.0250	940
	YTD	112,900		2,823
ALT RIVER RECC	Month	45,700	0.0250	1,143
American	YTD	137,300	2/22/2	3,434
HELBY ENERGY COOP	Month	10,200	0.0250	255
	YTD	31,000		775

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

#### March 2018

CO-OP Name/EKPC		KWH	KWH Charge	Revenue
SOUTH KENTUCKY RECC	Month	15,400	0.0250	385
63 75 7,000 C 75 75 75 75 75 75 75 75 75 75 75 75 75	YTD	46,200	4,4.4.4	1,155
EKPC Subtotals	Month	207,900	0.0250	5,200
411.774.69	YTD	624,700		15,626
Totals	Month	207,900	0.0250	5,200
	YTD	624,700		15,626

March 2018

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

CO-OP Name		KW	<b>DLC Demand Charge</b>	DLC Credit	DLC Demand Surcharge	Total Revenue
	Month	0	O	-1,590	-116	-1,706
BIG SANDY RECC	YTD	0	O.	-4,770	-549	-5,319
	Month	0	0	-21,436	-1,563	-22,999
BLUE GRASS ENERGY	YTD	0	0	-64,441	-7,409	-71,850
	Month	a	0	-1,685	-123	-1,808
CLARK ENERGY COOP	YTD	0	D.	-5,075	-584	-5,659
	Month	0	0	-2,855	-208	-3,063
CUMBERLAND VALLEY ELECTRIC	YTD	0	Ď.	-8,565	-984	-9,549
	Month	0	.0	-5,133	-374	-5,507
FARMERS RECC	YTD	0	0	-15,396	-1,769	-17,165
	Month	0	0	-2,868	-209	-3,077
FLEMING MASON RECC	YTD	0	0	-8,618	-990	-9,608
	Month	o	ū	-1,995	-145	-2,140
GRAYSON RECC	YTD	۵	D	-5,989	-688	-6,677
	Month	0	0	-5,631	-410	-6,041
INTER-COUNTY ECC	YTD	0	0	-17,010	-1,957	-18,967
	Month	0	0	-2,354	-172	-2,526
JACKSON ENERGY COOP	YTD	0	0	-7,074	-814	-7,888
	Month	0	σ	-1,269	-92	-1,361
LICKING VALLEY RECC	YTD	0	0	-3,807	-437	-4,244
	Month	a	o o	O	0	0
NOLIN RECC	YTD	0	0	0	0	O
	Month	0	0	-11,418	-832	-12,250
OWEN EC	YTD	0	Ď.	-34,259	-3,936	-38,195
	Month	0	0	-7,108	-518	-7,626
SALT RIVER RECC	YTD	0.	0	-21,450	-2,467	-23,917
	Month	0	O.	-3,690	-269	-3,959
SHELBY ENERGY COOP	YTD	0	0	-11,066	-1,271	-12,337
	Month	0	0	~11,407	-832	-12,239
SOUTH KENTUCKY RECC	YTD	0	0	-34,575	-3,981	-38,556
	Month	0	0	-1,285	-94	-1,379

March 2018

CPRN334

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

CO-OP Name		KW	<b>DLC Demand Charge</b>	DLC Credit	DLC Demand Surcharge	Total Revenue
TAYLOR COUNTY RECC	YTD	0	0	-3,867	-445	-4,312
	Month	0	.0	-81,724	-5,957	-87,681
Totals:	YTD	0	0	-245,962	-28,281	-274,243

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

2018

April

								April	
CO-OP Name/EKPC		KW	кwн	Base Mills/KWH	Fuel Charge	Fuel Mills/KWH	Surcharge	Surcharge Mills/KWH	Revenue
BIG SANDY RECC	Month	42,041	16,629,220	62.97	-32,759	61.00	137,146	69.25	1,151,549
	YTD	209,420	88,054,998	61.61	-1,279	61.60	674,303	69.26	6,098,488
BLUE GRASS ENERGY	Month	236,354	102,896,296	59.89	-202,706	57.92	805,807	65.75	6,765,927
	YTD	1,182,553	509,301,010	60.05	5,112	60.06	3,768,730	67.45	34,354,827
CLARK ENERGY COOP	Month	82,775	33,122,998	63.29	-65,251	61.32	274,615	69.61	2,305,789
	YTD	411,747	170,675,513	62.24	-1,682	62.23	1,315,313	69.94	11,936,955
CUMBERLAND VALLEY ELECTRIC	Month	78,996	33,641,783	61.89	-66,274	59.92	272,557	68.03	2,288,500
	YTD	406,224	169,793,981	61.78	-5,150	61.74	1,301,259	69.41	11,785,183
FARMERS RECC	Month	83,325	38,473,688	59.97	-75,793	58.00	302,963	65.88	2,534,473
	YTD	426,159	186,586,262	60.50	3,374	60.51	1,397,271	68.00	12,688,208
FLEMING MASON RECC	Month	160,361	77,490,008	53.58	-131,709	51.88	518,452	58.57	4,538,512
	YTD	715,748	343,844,589	54.18	7,884	54.21	2,191,910	60.58	20,830,198
GRAYSON RECC	Month	43,576	19,151,173	61.50	-37,727	59.53	154,130	67.58	1,294,152
-31.00.11.2.2	YTD	215,340	96,435,623	60.72	1,861	60.74	721,889	68.23	6,579,631
INTER-COUNTY ECC	Month	89,627	35,983,465	62.00	-70,649	60.04	292,069	68.15	2,452,361
	YTD	471,394	187,281,471	61.91	2,500	61.93	1,437,710	69.60	13,035,121
JACKSON ENERGY COOP	Month	166,264	67,484,725	62.24	-132,945	60.27	549,918	68.42	4,617,330
	YTD	855,771	349,130,385	61.82	-4,008	61.80	2,679,633	69.48	24,257,503
LICKING VALLEY RECC	Month	45,586	19,136,962	62.12	-37,700	60.15	155,619	68.28	1,306,658
	YTD	219,381	97,087,714		-1,265	60.97	733,435	68.53	6,653,330
NOLIN RECC	Month	131,977	57,601,913	59.40	-113,476	57.43	447,269	65.20	3,755,473
	YTD	682,171	286,427,855		13,738	60.08	2,120,424	67.48	19,328,059
OWEN EC	Month	355,053	188,194,064	49.64	-370,742	47.67	1,220,473	54.16	10,192,548
	YTD	1,577,570	811,132,836	50.67	30,620	50.71	5,014,774	56.89	46,147,393
SALT RIVER RECC	Month	189,745	87,800,056	10.00	-172,967	57.93	687,705	65.77	5,774,256
	YTD	957,397	428,469,230	2000	19,172	60.23	3,173,087	67.64	28,979,938
SHELBY ENERGY COOP	Month	80,242	38,310,637	58.65	-75,473	56.68	293,604	64.35	2,465,237
	YTD	380,717	181,599,209	58.61	10,706	58.67	1,301,521	65.84	11,956,408
SOUTH KENTUCKY RECC	Month	241,101	98,016,958	61.86	-192,837	59.89	793,627	67.98	6,663,635
CALL SOLVE SECTION SEC	YTD	1,273,192	496,801,087	62.19	-8,637	62.17	3,834,415	69.89	34,720,072
TAYLOR COUNTY RECC	Month	99,207	42,930,400		-69,019	55.20	302,121	62.24	2,671,976
	YTD	498,170	212,735,074	57.60	2,247	57.61	1,435,659	64.36	13,692,086
CO-OP Subtotals	Month	2,126,230	956,864,346	57.92	-1,848,027	55.99	7,208,075	63.52	60,778,376
403.000	YTD	10,482,954	4,615,356,837		75,193	58.49	33,101,333	65.66	303,043,400

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

2018

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							April			
CO-OP Name/EKPC			ĸw	кwн	Base Mills/KWH	Fuel Charge	Fuel Mills/KWH	Surcharge	Surcharge Mills/KWH	Revenue
International Paper Steam		Month	35,620	19,445,489	49.96	-39,304	47.94	128,849	54.56	1,061,038
32.03.		YTD	137,906	78,651,936	49.69	-1,011	49.68	479,268	55.78	4,386,838
Totals		Month	2,161,850	976,309,835	57.76	-1,887,331	55.82	7,336,924	63.34	61,839,414
		YTD	10,620,860	4,694,008,773	58.32	74,182	58.34	33,580,601	65.49	307,430,238
Burnside		Month	157	56,422	64.62	-111	62.65	478	71.12	4,013
		YTD	877	324,016	64.04	-2	64.03	2,569	71.96	23,316
East Ky Office		Month	1,067	566,009	57.48	-1,115	55.51	4,248	63.01	35,665
		YTD	4,555	2,506,621	56.94	73	56.97	17,335	63.88	160,128
Smith Environmental Office		Month	92	53,699	56.09	-106	54.12	393	61.44	3,299
		YTD	401	226,485	56.56	9	56.60	1,551	63.44	14,369
Dale Station		Month	55	38,195	53.88	-75	51.92	268	58.93	2,251
		YTD	241	166,093	54.00	12	54.07	1,081	60.58	10,062
EKPC Subtotals		Month	1,371	714,325	57.74	-1,407	55.77	5,387	63.32	45,228
		YTD	6,074	3,223,215	57.47	92	57.50	22,536	64,49	207,875
	Totals	Month	2,163,221	977,024,160	57.76	-1,888,738	55.82	7,342,311	63.34	61,884,642
		YTD	10,626,934	4,697,231,988	58.32	74,274	58.34	33,603,137	65.49	307,638,113

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

April 2018

CO-OP Name/EKPC		KWH	KWH Charge	Revenue
BIG SANDY RECC	Month	2,700	0.0250	68
	YTD	11,200		281
BLUE GRASS ENERGY	Month	19,200	0.0250	480
	YTD	77,500		1,938
CLARK ENERGY COOP	Month	3,100	0.0250	78
	YTD	12,400		312
CUMBERLAND VALLEY ELECTRIC	Month	1,200	0.0250	30
	YTD	4,800		120
FARMERS RECC	Month	1,400	0.0250	35
	YTD	5,600		140
FLEMING MASON RECC	Month	1,800	0.0250	45
	YTD	7,200		180
RAYSON RECC	Month	4,600	0.0250	115
	YTD	18,400		460
NTER-COUNTY ECC	Month	37,300	0.0250	933
	YTD	149,200		3,732
JACKSON ENERGY COOP	Month	7,300	0.0250	183
	YTD	29,200		732
LICKING VALLEY RECC	Month	2,200	0.0250	55
	YTD	8,800		220
NOLIN RECC	Month	17,900	0.0250	448
	YTD	71,700		1,794
DWEN EC	Month	37,600	0.0250	940
	YTD	150,500		3,763
SALT RIVER RECC	Month	45,700	0.0250	1,143
	YTD	183,000		4,577
SHELBY ENERGY COOP	Month	10,000	0.0250	250
	YTD	41,000		1,025

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

#### April 2018

CO-OP Name/EKPC			KWH	KWH Charge	Revenue
SOUTH KENTUCKY RECC		Month	15,500	0.0250	388
		YTD	61,700	Ast 1 ast	1,543
EKPC Subtotals		Month	207,500	0.0250	5,191
		YTD	832,200		20,817
	Totals	Month	207,500	0.0250	5,191
		YTD	832,200		20,817

April 2018

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

CO-OP Name		KW	<b>DLC Demand Charge</b>	<b>DLC Credit</b>	<b>DLC Demand Surcharge</b>	Total Revenue
	Month	0	0	-1,590	-215	-1,805
BIG SANDY RECC	YTD	0	0	-6,360	-764	-7,124
	Month	o	0	-21,437	-2,898	-24,335
BLUE GRASS ENERGY	YTD	0	0	-85,878	-10,307	-96,185
	Month	0	0	-1,685	-228	-1,913
CLARK ENERGY COOP	YTD	O	a	-6,760	-812	-7,572
	Month	0	0	-2,855	-386	-3,241
CUMBERLAND VALLEY ELECTRIC	YTD	0	a	-11,420	-1,370	-12,790
	Month	0	0	-5,133	-694	-5,827
FARMERS RECC	YTD	0	Q	-20,529	-2,463	-22,992
	Month	0	0	-2,868	-388	-3,256
FLEMING MASON RECC	YTD	0	0	-11,486	-1,378	-12,864
	Month	0	0	-1,995	-270	-2,265
GRAYSON RECC	YTD	O	0	-7,984	-958	-8,942
	Month	0	0	-5,631	-761	-6,392
NTER-COUNTY ECC	YTD	۵	0	-22,641	-2,718	-25,359
	Month	0	0	-2,356	-319	2,675
JACKSON ENERGY COOP	YTD	0	0	-9,430	-1,133	-10,563
	Month	D	0	-1,269	-172	-1,441
LICKING VALLEY RECC	YTD	0	0	-5,076	-609	-5,685
	Month	0	O	o	0	0
NOLIN RECC	YTD	0	0	0	D	0
	Month	0	0	-11,421	-1,544	-12,965
OWEN EC	YTD	0	Q	-45,680	-5,480	-51,160
	Month	0	0	-7,106	-961	-8,067
SALT RIVER RECC	YTD	0	0	-28,556	-3,428	-31,984
	Month	0	0	-3,688	-499	-4,187
SHELBY ENERGY COOP	YTD	0	0	-14,754	-1,770	-16,524
	Month	O	0	-11,331	-1,532	-12,863
SOUTH KENTUCKY RECC	YTD	0	0	-45,906	-5,513	-51,419
	Month	0	0	-1,282	-173	-1,455

April 2018

CPRN334

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

CO-OP Name		KW	DLC Demand Charge	DLC Credit	DLC Demand Surcharge	Total Revenue
TAYLOR COUNTY RECC	YTD 0	ū	-5,149	-618	-5,767	
	Month	0	0	-81,647	-11,040	-92,687
Totals:	YTD	0	0	-327,609	-39,321	-366,930



# Company EAST KENTUCKY POWER COOPERATIVE, INC. POWER TRANSACTION SCHEDULE

Month Ended

NOVEMBER 2017

Company Sales	Type of Transaction	Capacity	кwн	Demand (\$)	Fuel Charges (\$)	Margin(+) or Loss (-)	Total Charges (\$)
Duke Energy Kentucky LG&E PJM	Capacity Economy Capacity	450 16,564	4,872,000	56,250 922,137	0 115,332 0	56,250 31,994 922,137	147,326
TOTAL		<u> 17.014</u>	4,872,000	<u>978.387</u>	115,332	1,010,381	147,326



Company EAST KENTUCKY POWER COOPERATIVE, INC. POWER TRANSACTION SCHEDULE

Month Ended

DECEMBER 2017

Company Sales	Type of Transaction	Capacity	KWH	Demand (\$)	Fuel Charges (\$)	Margin(+) or Loss (-)	Total Charges (\$)
Duke Energy Kentucky PJM PJM	Capacity Economy Capacity	465 17,116	43,000	58,125 958,486	0 1,347 0	58,125 (356) 958,486	991
TOTAL		<u>17.581</u>	43,000	1,016,611	<u>1,347</u>	1,016,25 <u>5</u>	<u>991</u>



Company

# EAST KENTUCKY POWER COOPERATIVE, INC. POWER TRANSACTION SCHEDULE

Month Ended

JANUARY 2018

Company Sales	Type of Transaction	Capacity	KWH	Demand (5)	Fuel Charges (\$)	Margin(+) or Loss (-)	Total Charges (\$)
Duke Energy Kentucky LG&E PJM PJM	Capacity Economy Economy Capacity	465 17,116	457,000 7,955,000	58,125 953,821	0 20,903 381,186 0	58,125 (331) 971,441 953,821	20,572 1,352,627
TOTAL		17,581	8,412,000	1,011,946	402,089	1,983,056	1.373.199



Company EAST KENTUCKY POWER COOPERATIVE, INC. POWER TRANSACTION SCHEDULE

Month Ended

FEBRUARY 2018

**Billing Components** 

Company Sales	Type of Transaction	Capacity	кwн	Demand (\$)	Fuel Charges (\$)	Margin(+) or Loss (-)	Total Charges (\$)
Duke Energy Kentucky PJM	Capacity Capacity	420 15,460		52,500 861,841	0	52,500 861,841	

TOTAL 15,880 0 914,341 0 914,341 0



# Company EAST KENTUCKY POWER COOPERATIVE, INC. POWER TRANSACTION SCHEDULE

Month Ended

**MARCH 2018** 

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Company Sales	Type of Transaction	Capacity	KWH	Demand (\$)	Fuel Charges (\$)	Margin(+) or Loss (-)	Total Charges (\$)
Duke Energy Kentucky LG&E PJM	Capacity Economy Capacity	465 17,116	131,000	58,125 992,843	0 2,566 0	58,125 2,642 992,843	5,208
TOTAL		17 521	131,000	1 050 968	2 566	<u>1,053,610</u>	<u>5,208</u>
TOTAL		17,581	131,000	1,050,968	2,566	1,053,610	5,200



Company

# EAST KENTUCKY POWER COOPERATIVE, INC. POWER TRANSACTION SCHEDULE

Month Ended

**APRIL 2018** 

**Billing Components** 

Company Sales	Type of Transaction	Capacity	<u>KWH</u>	Demand (\$)	Fuel Charges (\$)	Margin(+) or Loss (-)	Total Charges (\$)
Duke Energy Kentucky	Capacity	450		56,250	0	56,250	
LG&E	Economy		391,000		7,588	6,796	14,384
PJM	Economy		1,347,000		26,270	43,843	70,113
PJM	Capacity	16,564		942,395	0	942,395	

TOTAL 1,738,000 998,645 33,858 1,049,284 84,497

#### EAST KENTUCKY POWER COOPERATIVE, INC.

# PSC CASE NO. 2018-00217 FUEL ADJUSTMENT CLAUSE RESPONSE TO INFORMATION REQUEST

# COMMISSION STAFF'S INFORMATION REQUEST DATED 08/10/18 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 14a-b.** (a) There is no impact on the FAC calculation.

(b) There is no impact on the FAC calculation.

#### EAST KENTUCKY POWER COOPERATIVE, INC.

# PSC CASE NO. 2018-00217 FUEL ADJUSTMENT CLAUSE RESPONSE TO INFORMATION REQUEST

# COMMISSION STAFF'S INFORMATION REQUEST DATED 08/10/18 REQUEST 15

RESPONSIBLE PARTY: Craig A. Johnson

Request 15. Provide a list, in chronological order, showing by unit, any scheduled, actual, and forced outages for the period under review.

**Response 15.** Please see pages 2 through 51 of this response.

# Appendix B

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# **Cooper Power Station**

Date	Time Off/On	Available MW	Forced or Scheduled	Status	A Hours	ctual Minutes	Cause or Reason
02/07/2018	1750	0.0	Forced	Maintenance	1	24	SWITCHYARD SYSTEM PROTECTION
04/07/2018	0000	0.0	Scheduled	Maintenance	517	18	DEVICES - EXTERNAL. DUST COLLECTOR HOPPER DEMO.

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#### **Cooper Power Station**

Date	Time Off/On	Available MW	Forced or Scheduled	Status	A Hours	ctual Minutes	Cause or Reason
11/01/2017 11/04/2017	0000	0.0	Forced Scheduled	Maintenance Maintenance	9 182	33 45	ASH CONVEYOR BROKEN LINK. FALL OUTAGE.
02/07/2018	1740	0.0		Maintenance	1	34	SWITCHYARD SYSTEM PROTECTION DEVICES - EXTERNAL.
04/14/2018	0001	0.0	Scheduled	Maintenance	407	59	UNIT 2 TURBINE WORK, CROSSOVER, SHAFT SEALS, BOILER INSPECTION.



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#### **Spurlock Power Station**

	Time	Available	Forced or		A	ctual	
Date	Off/On	MW	Scheduled	Status	Hours	Minutes	Cause or Reason
12/13/2017	0042	0.0	Scheduled	Maintenance	428	47	BOILER INSPECTIONS - SCHEDULED OR ROUTINE.
12/31/2017	0007	0.0	Forced	Maintenance	1	35	BOILER DRUM GAGE GLASSES/LEVEL INDICATOR.
03/30/2018	0700	0.0	Scheduled	Maintenance	33	14	AIR HEATER SOOT BLOWERS.

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#### **Spurlock Power Station**

	Time	Available	Forced or		A	ctual	
Date	Off/On	MW	Scheduled	Status	Hours	Minutes	Cause or Reason
11/01/2017	0000	0.0	Scheduled	Maintenance	642	31	MAJOR TURBINE OVERHAUL &
							COMMISSIONING.
11/27/2017	1857	0.0	Scheduled	Maintenance	19	53	MAJOR TURBINE OVERHAUL &
							COMMISSIONING.
11/28/2017	1538	0.0	Scheduled	Maintenance	5	6	MAJOR TURBINE OVERHAUL &
							COMMISSIONING.
11/28/2017	2145	0.0	Scheduled	Maintenance	6	46	MAJOR TURBINE OVERHAUL &
							COMMISSIONING.
11/30/2017	0514	0.0	Scheduled	Maintenance	18	46	MAJOR TURBINE OVERHAUL &
12/01/2017	0000	0.0	0.1.1.1.1	N	5.1	21	COMMISSIONING.
12/01/2017	0000	0.0	Scheduled	Maintenance	51	21	MAJOR TURBINE OVERHAUL & COMMISSIONING.
12/04/2017	1843	0.0	Scheduled	Maintenance	78	33	MAJOR TURBINE OVERHAUL &
12/04/2017	1043	0.0	Scheduled	Maintenance	/ 0	33	COMMISSIONING.
12/08/2017	1334	0.0	Forced	Maintenance	1	12	VIBRATION OF THE TURBINE GENERATOR
12/00/2017	1334	0.0	1 orccu	Manitenance	1	12	UNIT.
01/08/2018	0054	0.0	Scheduled	Maintenance	132	3	PULVERIZER MILLS.
01/13/2018	1309	0.0	Scheduled	Maintenance	2	15	PULVERIZER MILLS.
01/13/2018	1551	0.0	Scheduled	Maintenance	2	12	PULVERIZER MILLS.
01/17/2018	2252	0.0	Forced	Maintenance	106	17	WATERWALL (FURNACE WALL) A.
01/22/2018	1000	0.0		Maintenance	143	54	WATERWALL (FURNACE WALL) A.
02/11/2018	0223	0.0		Maintenance	35	12	WATERWALL (FURNACE WALL) A.
02,11,2010	\$ <b>22</b> 5	0.0	Sombaarea				( = 1 = 1 = 1 = 1 = 1 = 1 = 1 = 1 = 1 =



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#### **Spurlock Power Station**

	Time	Available	Forced or		A	ctual	
Date	Off/On	MW	Scheduled	Status	Hours	Minutes	Cause or Reason
11/04/2017	0634	0.0	Forced	Maintenance	2	32	INTERCEPT VALVES.
11/18/2017	1233	0.0	Forced	Maintenance	14	42	480 VOLT PROTECTION DEVICES.
11/19/2017	0317	0.0	Forced	Maintenance	1	36	STARTUP BYPASS SYSTEM VALVES.
04/21/2018	0001	0.0	Scheduled	Maintenance	239	59	BOILER INSPECTIONS - SCHEDULED OR
							ROUTINE.

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### **Spurlock Power Station**

	Time	Available	Forced or		A	ctual	
Date	Off/On	MW	Scheduled	Status	Hours	Minutes	Cause or Reason
11/01/2017	0000	0.0	Forced	Maintenance	344	15	PLATEN SUPERHEATER TUBE LEAK.
12/16/2017	0220	0.0	Scheduled	Maintenance	56	7	BAG FAILURES AND REBAGGING.
12/25/2017	1851	0.0	Forced	Maintenance	128	33	PRIMARY AIR DUCT AND DAMPERS.
12/31/2017	0336	0.0	Forced	Maintenance	0	21	STARTUP BYPASS SYSTEM PIPING.
01/01/2018	1753	0.0	Forced	Maintenance	0	29	DISTRIBUTIVE CONTROL SYSTEM (DCS) -
							PROCESS COMPUTER.
02/16/2018	0000	0.0	Scheduled	Maintenance	14	26	BAG FAILURES AND REBAGGING.
03/17/2018	0001	0.0	Scheduled	Maintenance	359	59	BOILER INSPECTIONS - SCHEDULED OR
							ROUTINE.
04/01/2018	0000	0.0	Scheduled	Maintenance	310	48	BOILER INSPECTIONS - SCHEDULED OR
							ROUTINE.
04/28/2018	0000	0.0	Scheduled	Maintenance	65	45	MAIN STEAM RELIEF/SAFETY VALVES OFF
							SUPERHEATER.

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#### J.K. Smith

Date	Time Off/On	Available MW	Forced or Scheduled	Status	Ao Hours	ctual Minutes	Cause or Reason
01/01/2018 03/18/2018	0505 0001	0.0 0.0		Failed Start Maintenance	1 90	-	ISOLATION SWITCH DRIVE RELAY FAILED. SPRING MAINTENANCE.

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#### J.K. Smith

Date	Time Off/On	Available MW	Forced or Scheduled	Status	A Hours	ctual Minutes	Cause or Reason
12/28/2017	0540	0.0	Forced	Failed Start	1	_	3-WAY SWITCH STARTER FREQUENCY CONVERTER MOTOR BURNED UP.
01/31/2018 03/22/2018	0553 0000	0.0 0.0		Failed Start Maintenance	3 63		SYNC ISSUES. SPRING MAINTENANCE.

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#### J.K. Smith

	Time	Available	Forced or		A	ctual	
Date	Off/On	MW	Scheduled	Status	Hours	Minutes	Cause or Reason
12/28/2017	0711	0.0	Forced	Maintenance	0	23	HIGH CO EMISSIONS.
01/01/2018	0850	0.0	Forced	Maintenance	0	10	FUEL TRANSFER ISSUE.
01/05/2018	0557	0.0	Forced	Maintenance	0	40	FUEL TRANSFER ISSUE.
04/01/2018	0001	0.0	Scheduled	Maintenance	141	11	SPRING MAINTENANCE.
04/18/2018	0700	0.0	Scheduled	Maintenance	8	0	ABB ON SITE TO TAKE MEASUREMENTS
							FOR FALL UPGRADE TO CONTROL SYSTEM.

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#### J.K. Smith

Date	Time Off/On	Available MW	Forced or Scheduled	Status	A Hours	ctual Minutes	Cause or Reason
11/01/2017	0000	0.0	Scheduled	Maintenance	21		FALL MAINTENANCE CONTINUED FROM OCTOBER.
01/28/2018 04/08/2018	0948 0001	0.0 0.0		Maintenance Maintenance	0 134	50	HEATER COVER ON BUS DUCT BLEW DOWN. SPRING MAINTENANCE.

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#### J.K. Smith

	Time	Available	Forced or		A	etual	
Date	Off/On	MW	Scheduled	Status	Hours	Minutes	Cause or Reason
11/01/2017	0001	0.0	Scheduled	Maintenance	65	37	FALL MAINTENANCE.
03/08/2018	1120	0.0	Scheduled	Maintenance	1	13	TESTING RELAYS ON 58G CAUSED MISS
							OPERATION.
04/15/2018	0001	0.0	Scheduled	Maintenance	132	47	SPRING MAINTENANCE.
04/20/2018	1324	0.0	Scheduled	Maintenance	0	18	SPRING MAINTENANCE.

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#### J.K. Smith

Date	Time Off/On	Available MW	Forced or Scheduled	Status	A Hours	ctual Minutes	Cause or Reason
11/05/2017	0001	0.0	Scheduled	Maintenance	88	59	FALL MAINTENANCE.
01/19/2018	0645	0.0	Forced	Failed Start	0	56	FUEL FORWARDING STOP VALVE FAILURE.
04/22/2018	0001	0.0	Scheduled	Maintenance	130	52	SPRING MAINTENANCE.
04/27/2018	1139	0.0	Scheduled	Maintenance	2	18	SPRING MAINTENANCE.

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#### J.K. Smith

Date	Time Off/On	Available MW	Forced or Scheduled	Status	Ao Hours	ctual Minutes	Cause or Reason
11/08/2017 04/29/2018	0001 0001	0.0 0.0		Maintenance Maintenance	64 47		CO2 EXTENSION. GENERAL MAINTENANCE.

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#### J.K. Smith

	Time	Available	Forced or		A	ctual	
Date	Off/On	MW	Scheduled	Status	Hours	Minutes	Cause or Reason
12/28/2017	0656	0.0	Forced	Maintenance	1	21	LUBE OIL PUMP ON GAS COMPRESSOR WOULD NOT START.
02/07/2018	1045	0.0	Forced	Failed Start	30	30	FAILED START - PILOT VALVE ISSUES DURING LIGHT OFF ATTEMP.
03/25/2018	0000	0.0	Scheduled	Maintenance	168	0	GENERAL MAINTENANCE TOP CASE.
04/01/2018	0000	0.0	Scheduled	Maintenance	137	56	SPRING MAINTENANCE CONTINUED FROM PREVIOUS MONTH.

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#### J.K. Smith

Date	Time Off/On	Available MW	Forced or Scheduled	Status	A Hours	ctual Minutes	Cause or Reason
01/01/2018	0545	0.0	Forced	Maintenance	1	36	GAS COMPRESSOR.
04/08/2018	0000	0.0	Scheduled	Maintenance	279	11	SPRING MAINTENANCE.
04/19/2018	1911	0.0	Scheduled	Maintenance	20	27	SPRING MAINTENANCE.

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#### **Bluegrass Station**

Date	Time Off/On	Available MW	Forced or Scheduled	Status	A Hours	ctual Minutes	Cause or Reason
01/08/2018	0700	0.0	Scheduled	Maintenance	7	47	INSPECT GENERATOR STEP UP TRANFORMER OIL LEAK.
03/16/2018 04/07/2018	0700 0000	0.0		Maintenance Maintenance	7 326	39 0	TURNING GEAR MOTOR SWAP OUT. SPRING OUTAGE.

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#### **Bluegrass Station**

Date	Time Off/On	Available MW	Forced or Scheduled	Status	A Hours	ctual Minutes	Cause or Reason
04/07/2018	0000	0.0	Scheduled	Maintenance	326	0	SPRING OUTAGE.

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#### **Bluegrass Station**

Date	Time Off/On	Available MW	Forced or Scheduled	Status	A Hours	ctual Minutes	Cause or Reason
04/09/2018	0000	0.0	Scheduled	Maintenance	68	15	SPRING OUTAGE.

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## **Green Valley Landfill**

Unit 001							
	Time	Available	Forced or		A	ctual	
Date	Off/On	MW	Scheduled	Status	Hours	Minutes	Cause or Reason
11/01/2017	1155	0.0	Forced	Maintenance	0	35	FUEL SKID MAINTENANCE.
					11	32	GENERATOR PROTECTIVE RELAY FAULT.
11/08/2017	2043	0.0	Forced	Maintenance			
11/09/2017	0816	0.0	Forced	Maintenance	0	24	GENERATOR PROTECTIVE RELAY FAULT.
11/20/2017	0651	0.0	Scheduled	Maintenance	32	8	ENGINE MAINTENANCE.
11/30/2017	0803	0.0	Forced	Fuel Outage	5	26	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
12/04/2017	1812	0.0	Forced	Fuel Outage	16	32	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
12/06/2017	0819	0.0	Forced	Fuel Outage	6	57	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
12/13/2017	0800	0.0	Forced	Fuel Outage	1	51	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
12/22/2017	0529	0.0	Forced	Fuel Outage	3	25	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
12/28/2017	1619	0.0	Forced	Fuel Outage	16	20	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
01/08/2018	1442	0.0	Forced	Fuel Outage	20	57	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
01/10/2018	1752	0.0	Forced	Fuel Outage	18	14	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
01/13/2018	1233	0.0	Forced	Fuel Outage	3	12	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
01/17/2018	1207	0.0	Forced	Fuel Outage	1	59	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
01/18/2018	1540	0.0	Forced	Fuel Outage	0	52	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
01/19/2018	0812	0.0	Forced	Fuel Outage	3	7	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
01/19/2018	2021	0.0	Forced	Fuel Outage	291	39	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
02/01/2018	0000	0.0	Forced	Fuel Outage	108	54	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
02/10/2018	1832	0.0	Forced	Fuel Outage	4	0	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
02/12/2018	1010	0.0	Forced	Maintenance	0	20	FUEL SKID MAINTENANCE.
02/24/2018	1150	0.0	Forced	Maintenance	2	20	FUEL SKID MAINTENANCE.
03/10/2018	0629	0.0	Forced	Maintenance	3	42	FUEL SKID MAINTENANCE.
03/10/2018	1038	0.0	Forced	Maintenance	1	24	FUEL SKID MAINTENANCE.
03/26/2018	1455	0.0	Forced	Maintenance	17	46	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
03/27/2018	1003	0.0	Forced	Maintenance	0	19	FUEL SKID MAINTENANCE.
03/28/2018	2115	0.0	Forced	Maintenance	0	33	UTILITY BREAKER 52U OPERATION.
03/29/2018	1600	0.0	Forced	Maintenance	19	55	ENGINE MAINTENANCE.
04/02/2018	1038	0.0	Forced	Fuel Outage	1	47	RESERVED SHUTDOWN STATE DUE TO FUEL
04/09/2018	1224	0.0	Forced	Maintenance	0	4	SUPPLY. ENGINE SHUTDOWN DUE TO DETONATION.

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## **Green Valley Landfill**

	Time	Available	Forced or		A	ctual	
Date	Off/On	MW	Scheduled	Status	Hours	Minutes	Cause or Reason
04/25/2018	0846	0.0	Forced	Fuel Outage	2	0	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
04/26/2018	1922	0.0	Forced	Fuel Outage	13	11	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
04/28/2018	2017	0.0	Forced	Maintenance	1	39	FUEL SKID MAINTENANCE.

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## **Green Valley Landfill**

<b>Unit 002</b>							
	Time	Available	Forced or		A	ctual	
Date	Off/On	MW	Scheduled	Status	Hours	Minutes	Cause or Reason
11/01/2017	0917	0.0	Forced	Maintenance	0	6	FUEL SKID MAINTENANCE.
11/01/2017	1157	0.0	Forced	Maintenance	0	33	FUEL SKID MAINTENANCE.
11/01/2017	1233	0.0	Forced	Maintenance	0	4	FUEL SKID MAINTENANCE.
11/20/2017	0651	0.0	Scheduled	Maintenance	29	53	ENGINE MAINTENANCE.
11/30/2017	0803	0.0	Forced	Fuel Outage	5	28	RESERVED SHUTDOWN STATE DUE TO FUEL
							SUPPLY.
11/30/2017	1335	0.0	Forced	Maintenance	0	18	GENERATOR PROTECTIVE RELAY FAULT.
12/04/2017	0831	0.0	Forced	Maintenance	26	28	ENGINE SHUTDOWN DUE TO DETONATION.
12/05/2017	1128	0.0	Forced	Fuel Outage	77	49	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
12/08/2017	1745	0.0	Forced	Fuel Outage	92	10	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
12/12/2017	1612	0.0	Forced	Fuel Outage	20	54	RESERVED SHUTDOWN STATE DUE TO FUEL
12/12/2017	1012	0.0	1 01000	Tuer Jumge		٥.	SUPPLY.
12/13/2017	1311	0.0	Forced	Fuel Outage	330	40	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
01/10/2018	1844	0.0	Forced	Fuel Outage	13	35	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
01/11/2018	0820	0.0	Forced	Fuel Outage	0	4	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
01/11/2018	1202	0.0	Forced	Fuel Outage	0	2	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
01/11/2018	1547	0.0	Forced	Fuel Outage	0	3	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
01/11/2018	1600	0.0	Forced	Fuel Outage	0	4	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
01/13/2018	1233	0.0	Forced	Fuel Outage	213	19	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
01/30/2018	2344	0.0	Forced	Fuel Outage	15	7	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
01/31/2018	1452	0.0	Forced	Fuel Outage	0	5	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
02/10/2018	1832	0.0	Forced	Fuel Outage	5	7	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
02/12/2018	1010	0.0	Forced	Maintenance	0	24	FUEL SKID MAINTENANCE.
02/15/2018	1054	0.0	Forced	Fuel Outage	118	52	RESERVED SHUTDOWN STATE DUE TO FUEL
							SUPPLY.
02/20/2018	1006	0.0	Forced	Maintenance	0	30	GENERATOR PROTECTIVE RELAY FAULT.
02/20/2018	1037	0.0	Forced	Maintenance	0	6	GENERATOR PROTECTIVE RELAY FAULT.
02/20/2018	1044	0.0	Forced	Maintenance	0	3	GENERATOR PROTECTIVE RELAY FAULT.
02/20/2018	1048	0.0	Forced	Maintenance	0	4	GENERATOR PROTECTIVE RELAY FAULT.
02/20/2018	1053	0.0	Forced	Maintenance	0	1	GENERATOR PROTECTIVE RELAY FAULT.
02/20/2018	1058	0.0	Forced	Maintenance	0	2	GENERATOR PROTECTIVE RELAY FAULT.
02/24/2018	1150	0.0	Forced	Maintenance	2	25	FUEL SKID MAINTENANCE.
02/24/2018	1417	0.0	Forced	Maintenance	0	5	GENERATOR PROTECTIVE RELAY FAULT.
03/10/2018	0629	0.0	Forced	Maintenance	3	43	FUEL SKID MAINTENANCE.
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#### **Green Valley Landfill**

<b>D</b> .	Time	Available	Forced or	G: ·		ctual	
Date	Off/On	MW	Scheduled	Status	Hours	Minutes	Cause or Reason
03/10/2018	1038	0.0	Forced	Maintenance	1	23	FUEL SKID MAINTENANCE.
03/26/2018	1455	0.0	Forced	Fuel Outage	17	56	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
03/27/2018	1003	0.0	Forced	Maintenance	0	21	FUEL SKID MAINTENANCE.
03/28/2018	2115	0.0	Forced	Maintenance	0	40	UTILITY BREAKER 52U OPERATION.
03/30/2018	1145	0.0	Forced	Maintenance	0	13	ENGINE SHUTDOWN DUE TO DETONATION.
04/02/2018	1038	0.0	Forced	Fuel Outage	1	46	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
04/09/2018	0911	0.0	Scheduled	Maintenance	2	40	ENGINE MAINTENANCE.
04/09/2018	1223	0.0	Forced	Maintenance	0	14	ENGINE SHUTDOWN DUE TO DETONATION.
04/12/2018	0551	0.0	Scheduled	Maintenance	4	25	ENGINE MAINTENANCE.
04/12/2018	1018	0.0	Forced	Maintenance	0	3	GENERATOR PROTECTIVE RELAY FAULT.
04/25/2018	0846	0.0	Forced	Fuel Outage	1	58	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
04/26/2018	1922	0.0	Forced	Fuel Outage	13	14	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
04/28/2018	2018	0.0	Forced	Maintenance	1	38	FUEL SKID MAINTENANCE.

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## **Green Valley Landfill**

Unit 003		,		1			
	Time	Available	Forced or		A	ctual	
Date	Off/On	MW	Scheduled	Status	Hours	Minutes	Cause or Reason
11/01/2017	1153	0.0	Forced	Maintenance	0	38	FUEL SKID MAINTENANCE.
11/19/2017	2057	0.0	Scheduled	Maintenance	15	41	ENGINE MAINTENANCE.
11/20/2017	1241	0.0	Forced	Maintenance	0	6	GENERATOR PROTECTIVE RELAY FAULT.
11/21/2017	0758	0.0	Forced	Maintenance	3	43	GENERATOR PROTECTIVE RELAY FAULT.
11/22/2017	0546	0.0	Forced	Maintenance	4	22	GENERATOR PROTECTIVE RELAY FAULT.
11/30/2017	0803	0.0	Forced	Fuel Outage	5	26	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
12/02/2017	0823	0.0	Forced	Maintenance	126	57	ENGINE MAINTENANCE.
12/12/2017	0854	0.0	Forced	Fuel Outage	2	4	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
12/13/2017	0800	0.0	Forced	Fuel Outage	1	52	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
12/26/2017	1132	0.0	Forced	Maintenance	27	46	ENGINE SHUTDOWN DUE TO DETONATION.
01/01/2018	1010	0.0	Forced	Fuel Outage	193	33	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
01/10/2018	1758	0.0	Forced	Fuel Outage	14	24	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
01/11/2018	1202	0.0	Forced	Fuel Outage	4	1	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
01/13/2018	1233	0.0	Forced	Fuel Outage	3	12	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
01/17/2018	1207	0.0	Forced	Fuel Outage	2	50	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
01/17/2018	1507	0.0	Forced	Fuel Outage	0	4	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
01/17/2018	1515	0.0	Forced	Fuel Outage	0	8	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
01/18/2018	1540	0.0	Forced	Fuel Outage	1	7	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
01/19/2018	0812	0.0	Forced	Fuel Outage	6	25	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
01/30/2018	2344	0.0	Forced	Fuel Outage	15	10	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
02/04/2018	1201	0.0	Forced	Maintenance	21	14	ENGINE SHUTDOWN DUE TO DETONATION.
02/05/2018	1050	0.0	Forced	Maintenance	1	41	ENGINE SHUTDOWN DUE TO DETONATION.
02/05/2018	1251	0.0	Forced	Maintenance	238	6	ENGINE SHUTDOWN DUE TO DETONATION.
02/24/2018	1150	0.0	Forced	Maintenance	2	25	FUEL SKID MAINTENANCE.
03/05/2018	0902	0.0	Scheduled	Maintenance	1	9	ENGINE MAINTENANCE.
03/10/2018	0629	0.0	Forced	Maintenance	3	45	FUEL SKID MAINTENANCE.
03/10/2018	1038	0.0	Forced	Maintenance	1	25	FUEL SKID MAINTENANCE.
03/23/2018	0830	0.0	Forced	Maintenance	0	26	ENGINE MAINTENANCE.
03/26/2018	1455	0.0	Forced	Fuel Outage	17	51	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
03/27/2018	1003	0.0	Forced	Maintenance	0	23	FUEL SKID MAINTENANCE.
03/27/2018	1030	0.0	Forced	Maintenance	0	14	GENERATOR PROTECTIVE RELAY FAULT.
03/28/2018	0809	0.0	Scheduled	Maintenance	2	7	ENGINE MAINTENANCE.

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#### **Green Valley Landfill**

Date	Time Off/On	Available MW	Forced or Scheduled	Status	A Hours	ctual Minutes	Cause or Reason
03/28/2018	2115	0.0	Forced	Maintenance	0	35	UTILITY BREAKER 52U OPERATION.
04/02/2018	1038	0.0	Forced	Fuel Outage	1	48	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
04/09/2018	1224	0.0	Forced	Maintenance	0	6	ENGINE MAINTENANCE.
04/25/2018	0846	0.0	Forced	Fuel Outage	2	3	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
04/26/2018	1922	0.0	Forced	Fuel Outage	13	15	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
04/28/2018	2015	0.0	Forced	Maintenance	1	42	FUEL SKID MAINTENANCE.

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## Laurel Ridge Landfill

Unit 001		•		1			
	Time	Available	Forced or		A	ctual	
Date	Off/On	MW	Scheduled	Status	Hours	Minutes	Cause or Reason
11/01/2017	1200	0.0	Scheduled	Maintenance	3	33	ENGINE MAINTENANCE.
11/01/2017	1535	0.0	Forced	Maintenance	0	3	ENGINE SHUTDOWN DUE TO DETONATION.
11/03/2017	2142	0.0	Forced	Maintenance	0	58	ENGINE MAINTENANCE.
11/05/2017	1315	0.0	Forced	Maintenance	0	21	ENGINE SHUTDOWN DUE TO DETONATION.
11/07/2017	0900	0.0	Forced	Fuel Outage	4	37	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
11/07/2017	1340	0.0	Forced	Maintenance	0	4	ENGINE SHUTDOWN DUE TO DETONATION.
11/08/2017	1225	0.0	Forced	Maintenance	2	51	RADIATOR MAINTENANCE.
11/09/2017	1150	0.0	Forced	Maintenance	1	54	RADIATOR MAINTENANCE.
11/14/2017	2048	0.0	Forced	Fuel Outage	0	36	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
11/14/2017	2134	0.0	Forced	Fuel Outage	13	55	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
11/15/2017	2110	0.0	Forced	Maintenance	0	35	ENGINE SHUTDOWN DUE TO DETONATION.
11/16/2017	1400	0.0	Forced	Maintenance	0	51	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
11/17/2017	0446	0.0	Forced	Maintenance	20	28	UTILITY BREAKER 52U OPERATION.
11/22/2017	1235	0.0	Forced	Maintenance	0	10	ENGINE MAINTENANCE.
11/22/2017	1246	0.0	Forced	Maintenance	0	11	ENGINE SHUTDOWN DUE TO DETONATION.
11/26/2017	0515	0.0	Forced	Maintenance	1	24	FUEL SKID MAINTENANCE.
11/27/2017	0945	0.0	Forced	Fuel Outage	1	24	RESERVED SHUTDOWN STATE DUE TO FUEL
							SUPPLY.
11/29/2017	0038	0.0	Forced	Maintenance	1	7	ENGINE SHUTDOWN DUE TO DETONATION.
11/29/2017	0151	0.0	Forced	Maintenance	0	13	ENGINE SHUTDOWN DUE TO DETONATION.
11/29/2017	1135	0.0	Forced	Maintenance	4	50	ENGINE MAINTENANCE.
12/25/2017	1455	0.0	Forced	Maintenance	0	49	FUEL SKID MAINTENANCE.
12/27/2017	0845	0.0	Forced	Fuel Outage	0	46	RESERVED SHUTDOWN STATE DUE TO FUEL
10/07/0017	1007	0.0	г 1			12	SUPPLY.
12/27/2017	1026	0.0	Forced	Maintenance	1	13	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
01/04/2018	1242	0.0	Forced	Maintenance	0	2	ENGINE SHUTDOWN DUE TO DETONATION.
01/10/2018	0812	0.0	Scheduled	Maintenance	7	59	GENERATOR MAINTENANCE.
01/10/2018	1614	0.0	Forced	Maintenance	0	3	ENGINE SHUTDOWN DUE TO DETONATION.
01/23/2018	1345	0.0	Forced	Maintenance	0	1	ENGINE SHUTDOWN DUE TO DETONATION.
01/23/2018	1944	0.0	Forced	Maintenance	0	32	ENGINE SHUTDOWN DUE TO DETONATION.
01/25/2018	1201	0.0	Forced	Maintenance	4	18	ENGINE MAINTENANCE.
01/26/2018	1237	0.0	Forced	Maintenance	0	1	ENGINE SHUTDOWN DUE TO DETONATION.
01/26/2018	1243	0.0	Forced	Maintenance	0	6	ENGINE SHUTDOWN DUE TO DETONATION.
01/30/2018	1230	0.0	Forced	Maintenance	1	14	ENGINE MAINTENANCE.
02/02/2018	1418	0.0	Forced	Maintenance	0	4	ENGINE SHUTDOWN DUE TO DETONATION.
02/19/2018	1449	0.0	Forced	Maintenance	0	7	ENGINE SHUTDOWN DUE TO DETONATION.
02/19/2018	1535	0.0	Forced	Maintenance	0	2	ENGINE SHUTDOWN DUE TO DETONATION.
03/14/2018	0610	0.0		Maintenance	11	44	ENGINE MAINTENANCE.
03/15/2018	1100	0.0	Scheduled	Maintenance	0	44	ENGINE MAINTENANCE.

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## Laurel Ridge Landfill

	Time	Available	Forced or		A	ctual	
Date	Off/On	MW	Scheduled	Status	Hours	Minutes	Cause or Reason
03/27/2018	0910	0.0	Scheduled	Maintenance	6	5	ENGINE MAINTENANCE.
03/29/2018	1010	0.0	Scheduled	Maintenance	3	32	FUEL SKID MAINTENANCE.
04/05/2018	0736	0.0	Forced	Maintenance	0	30	FUEL SKID MAINTENANCE.
04/26/2018	1350	0.0	Forced	Fuel Outage	1	18	RESERVED SHUTDOWN STATE DUE TO FUEL
							SUPPLY.

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## Laurel Ridge Landfill

Unit 002		,					
	Time	Available	Forced or		A	etual	
Date	Off/On	MW	Scheduled	Status	Hours	Minutes	Cause or Reason
11/02/2017	1115	0.0	Scheduled	Maintenance	4	11	ENGINE MAINTENANCE.
11/07/2017	0915	0.0	Forced	Fuel Outage	0	46	RESERVED SHUTDOWN STATE DUE TO FUEL
							SUPPLY.
11/14/2017	2051	0.0	Forced	Fuel Outage	13	0	RESERVED SHUTDOWN STATE DUE TO FUEL
							SUPPLY.
11/15/2017	0958	0.0	Forced	Maintenance	0	3	ENGINE SHUTDOWN DUE TO DETONATION.
11/16/2017	1400	0.0	Forced	Fuel Outage	0	18	RESERVED SHUTDOWN STATE DUE TO FUEL
11/17/2017	1.421	0.0	Essad	Erral Outs as		9	SUPPLY.  DESERVED SHUTDOWN STATE DUE TO FUEL
11/16/2017	1421	0.0	Forced	Fuel Outage	2	9	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
11/17/2017	0510	0.0	Forced	Maintenance	20	32	UTILITY BREAKER 52U OPERATION.
11/22/2017	1035	0.0	Forced	Maintenance	0	13	ENGINE MAINTENANCE.
11/22/2017	1050	0.0	Forced	Maintenance	0	10	ENGINE MAINTENANCE.
11/26/2017	0515	0.0	Forced	Maintenance	1	31	FUEL SKID MAINTENANCE.
11/27/2017	0945	0.0	Forced	Fuel Outage	1	25	RESERVED SHUTDOWN STATE DUE TO FUEL
							SUPPLY.
11/29/2017	0115	0.0	Forced	Maintenance	0	32	ENGINE SHUTDOWN DUE TO DETONATION.
11/29/2017	0151	0.0	Forced	Maintenance	0	10	ENGINE SHUTDOWN DUE TO DETONATION.
12/19/2017	0953	0.0	Scheduled	Maintenance	2	17	ENGINE MAINTENANCE.
12/25/2017	1455	0.0	Forced	Maintenance	0	49	FUEL SKID MAINTENANCE.
12/27/2017	0842	0.0	Forced	Fuel Outage	3	1	RESERVED SHUTDOWN STATE DUE TO FUEL
							SUPPLY.
01/04/2018	1244	0.0	Forced	Maintenance	0	42	ENGINE SHUTDOWN DUE TO DETONATION.
01/04/2018	1327	0.0	Forced	Maintenance	1	37	ENGINE SHUTDOWN DUE TO DETONATION.
01/04/2018	1510	0.0	Forced	Maintenance	0	2	ENGINE SHUTDOWN DUE TO DETONATION.
01/04/2018	1515	0.0	Forced	Maintenance	0	2	ENGINE SHUTDOWN DUE TO DETONATION.
01/10/2018	0815	0.0	Scheduled	Maintenance	8	0	ENGINE MAINTENANCE.
01/14/2018	0918	0.0	Forced	Maintenance	0	2	ENGINE SHUTDOWN DUE TO DETONATION.
01/14/2018	0921	0.0	Forced	Maintenance	0	4	ENGINE SHUTDOWN DUE TO DETONATION.
01/14/2018	0937	0.0	Forced	Maintenance	0	3	ENGINE SHUTDOWN DUE TO DETONATION.
01/23/2018	1351	0.0	Forced	Maintenance	0	3	ENGINE SHUTDOWN DUE TO DETONATION.
02/01/2018	1410	0.0		Maintenance	1	30	ENGINE MAINTENANCE.
02/06/2018	1150	0.0	Forced	Maintenance	2	30	ENGINE MAINTENANCE.
03/14/2018	0831	0.0	Forced	Maintenance	0	6	ENGINE SHUTDOWN DUE TO DETONATION.
03/19/2018	1100	0.0	Forced	Maintenance	45	16	ENGINE MAINTENANCE.
03/29/2018	1010	0.0	Scheduled	Maintenance	3	19	FUEL SKID MAINTENANCE.
03/29/2018	1332	0.0	Forced	Maintenance	0	11	ENGINE SHUTDOWN DUE TO DETONATION.
04/05/2018	0736	0.0	Forced	Maintenance	0	28	FUEL SKID MAINTENANCE.
04/26/2018	1350	0.0	Forced	Fuel Outage	0	39	RESERVED SHUTDOWN STATE DUE TO FUEL
04/26/2018	1435	0.0	Forced	Maintenance	0	32	SUPPLY. ENGINE MAINTENANCE.
U4/2U/2U18	1433	0.0	roicea	iviannenance		32	ENGINE WAINTENANCE.

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## Laurel Ridge Landfill

Unit 003							
	Time	Available	Forced or		A	ctual	
Date	Off/On	MW	Scheduled	Status	Hours	Minutes	Cause or Reason
11/02/2017	1755	0.0	Forced	Maintenance	0	56	ENGINE SHUTDOWN DUE TO DETONATION.
11/07/2017	0943	0.0	Forced	Fuel Outage	0	16	RESERVED SHUTDOWN STATE DUE TO FUEL
11/11/2017	0902	0.0	Forced	Maintenance	0	1	SUPPLY. ENGINE SHUTDOWN DUE TO DETONATION.
11/14/2017	2052	0.0	Forced	Fuel Outage	0	30	RESERVED SHUTDOWN STATE DUE TO FUEL
							SUPPLY.
11/14/2017	2153	0.0	Forced	Maintenance	19	37	RESERVED SHUTDOWN STATE DUE TO FUEL
							SUPPLY.
11/16/2017	1400	0.0	Forced	Maintenance	6	22	ENGINE MAINTENANCE.
11/16/2017	2025	0.0	Forced	Maintenance	0	11	ENGINE SHUTDOWN DUE TO DETONATION.
11/16/2017	2354	0.0	Forced	Maintenance	113	22	ENGINE MAINTENANCE.
11/22/2017	0805	0.0	Forced	Maintenance	0	23	ENGINE MAINTENANCE.
11/26/2017	0515	0.0	Forced	Maintenance	1	24	FUEL SKID MAINTENANCE.
11/27/2017	0945	0.0	Forced	Fuel Outage	1	24	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
11/29/2017	0037	0.0	Forced	Maintenance	1	9	ENGINE SHUTDOWN DUE TO DETONATION.
12/20/2017	0945	0.0	Scheduled	Maintenance	2	14	ENGINE MAINTENANCE.
12/20/2017	1216	0.0	Forced	Maintenance	0	3	ENGINE SHUTDOWN DUE TO DETONATION.
12/25/2017	1457	0.0	Forced	Maintenance	153	3	FUEL SKID MAINTENANCE.
01/04/2018	1000	0.0	Scheduled	Maintenance	4	5	ENGINE MAINTENANCE.
01/04/2018	1408	0.0	Forced	Maintenance	0	4	ENGINE SHUTDOWN DUE TO DETONATION.
01/10/2018	0815	0.0	Scheduled	Maintenance	7	56	ENGINE MAINTENANCE.
01/10/2018	1612	0.0	Forced	Maintenance	0	17	ENGINE SHUTDOWN DUE TO DETONATION.
01/14/2018	0916	0.0	Forced	Maintenance	0	2	ENGINE SHUTDOWN DUE TO DETONATION.
01/14/2018	0923	0.0	Forced	Maintenance	0	4	ENGINE SHUTDOWN DUE TO DETONATION.
01/18/2018	1605	0.0	Forced	Maintenance	0	6	ENGINE SHUTDOWN DUE TO DETONATION.
01/19/2018	1643	0.0	Forced	Maintenance	0	5	ENGINE SHUTDOWN DUE TO DETONATION.
01/23/2018	1952	0.0	Forced	Maintenance	0	21	ENGINE SHUTDOWN DUE TO DETONATION.
01/25/2018	1438	0.0	Forced	Maintenance	0	1	ENGINE SHUTDOWN DUE TO DETONATION.
02/01/2018	1037	0.0	Forced	Maintenance	0	3	ENGINE MAINTENANCE.
02/02/2018	0933	0.0	Forced	Maintenance	3	50	ENGINE MAINTENANCE.
02/02/2018	1419	0.0	Forced	Maintenance	0	1	ENGINE SHUTDOWN DUE TO DETONATION.
02/07/2018	1904	0.0	Forced	Maintenance	1	26	ENGINE SHUTDOWN DUE TO DETONATION.
02/15/2018	0810	0.0	Forced	Maintenance	0	24	ENGINE MAINTENANCE.
02/20/2018	1215	0.0	Scheduled	Maintenance	3	30	ENGINE MAINTENANCE.
02/20/2018	1604	0.0	Forced	Maintenance	0	3	ENGINE MAINTENANCE.
02/20/2018	1619	0.0	Forced	Maintenance	1	56	ENGINE MAINTENANCE.
02/21/2018	1423	0.0	Forced	Maintenance	0	1	ENGINE SHUTDOWN DUE TO DETONATION.
03/20/2018	1547	0.0	Forced	Maintenance	0	11	ENGINE SHUTDOWN DUE TO DETONATION.
03/29/2018	1010	0.0	Scheduled	Maintenance	3	35	FUEL SKID MAINTENANCE.
04/04/2018	0900	0.0	Scheduled	Maintenance	3	5	ENGINE MAINTENANCE.
04/04/2018	1208	0.0	Forced	Maintenance	0	4	ENGINE SHUTDOWN DUE TO DETONATION.
04/05/2018	0736	0.0	Forced	Maintenance	0	28	FUEL SKID MAINTENANCE.

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## Laurel Ridge Landfill

Date	Time Off/On	Available MW	Forced or Scheduled	Status	Ao Hours	ctual Minutes	Cause or Reason
04/26/2018	1350	0.0	Forced	Fuel Outage	0		RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.

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## Laurel Ridge Landfill

	Time	Available	Forced or		A	ctual	
Date	Off/On	MW	Scheduled	Status	Hours	Minutes	Cause or Reason
11/02/2017	1430	0.0	Forced	Maintenance	0	5	ENGINE SHUTDOWN DUE TO DETONATION.
11/02/2017	1820	0.0	Forced	Maintenance	0	32	ENGINE SHUTDOWN DUE TO DETONATION.
11/03/2017	1240	0.0	Forced	Maintenance	0	14	ENGINE MAINTENANCE.
11/07/2017	0915	0.0	Forced	Fuel Outage	0	45	RESERVED SHUTDOWN STATE DUE TO FUEL
							SUPPLY.
11/14/2017	2055	0.0	Forced	Fuel Outage	12	45	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
11/16/2017	1358	0.0	Forced	Fuel Outage	1	8	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
11/16/2017	1900	0.0	Forced	Maintenance	0	4	ENGINE SHUTDOWN DUE TO DETONATION.
11/17/2017	0445	0.0	Forced	Maintenance	21	22	UTILITY BREAKER 52U OPERATION.
11/18/2017	0817	0.0	Forced	Maintenance	0	46	ENGINE SHUTDOWN DUE TO DETONATION.
11/26/2017	0515	0.0	Forced	Maintenance	1	24	FUEL SKID MAINTENANCE.
11/26/2017	0640	0.0	Forced	Maintenance	0	5	ENGINE SHUTDOWN DUE TO DETONATION.
11/27/2017	0945	0.0	Forced	Fuel Outage	1	23	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
11/28/2017	1736	0.0	Forced	Maintenance	2	18	GENERATOR MAINTENANCE.
11/29/2017	0020	0.0	Forced	Maintenance	1	28	GENERATOR MAINTENANCE.
11/29/2017	0151	0.0	Forced	Maintenance	0	13	GENERATOR MAINTENANCE.
11/29/2017	0800	0.0	Forced	Maintenance	0	3	GENERATOR MAINTENANCE.
11/29/2017	0937	0.0	Forced	Maintenance	0	6	GENERATOR MAINTENANCE.
11/29/2017	1215	0.0	Forced	Maintenance	35	45	GENERATOR MAINTENANCE.
12/01/2017	0000	0.0	Forced	Maintenance	14	41	FUEL SKID MAINTENANCE.
12/01/2017	1505	0.0	Forced	Maintenance	0	1	ENGINE SHUTDOWN DUE TO DETONATION.
12/04/2017	0730	0.0	Forced	Maintenance	0	23	ENGINE SHUTDOWN DUE TO DETONATION.
12/04/2017	0811	0.0	Forced	Maintenance	0	3	ENGINE SHUTDOWN DUE TO DETONATION.
12/05/2017	0730	0.0	Forced	Maintenance	0	21	ENGINE MAINTENANCE.
12/06/2017	0838	0.0	Forced	Maintenance	8	18	ENGINE MAINTENANCE.
12/06/2017	1719	0.0	Forced	Maintenance	0	3	ENGINE SHUTDOWN DUE TO DETONATION.
12/07/2017	0712	0.0	Forced	Maintenance	0	41	ENGINE MAINTENANCE.
12/07/2017	0755	0.0	Forced	Maintenance	0	17	ENGINE MAINTENANCE.
12/07/2017	0817	0.0	Forced	Maintenance	0	41	ENGINE MAINTENANCE.
12/07/2017	0903	0.0	Forced	Maintenance	5	39	ENGINE MAINTENANCE.
12/07/2017	1535	0.0	Forced	Maintenance	96	2	ENGINE MAINTENANCE.
12/13/2017	0734	0.0	Forced	Maintenance	1	17	ENGINE SHUTDOWN DUE TO DETONATION.
12/13/2017	0914	0.0	Forced	Maintenance	0	2	ENGINE SHUTDOWN DUE TO DETONATION.
12/13/2017	1009	0.0	Forced	Maintenance	0	33	ENGINE MAINTENANCE.
12/13/2017	1105	0.0	Forced	Maintenance	0	3	ENGINE SHUTDOWN DUE TO DETONATION.
12/13/2017	1123	0.0	Forced	Maintenance	0	3	ENGINE SHUTDOWN DUE TO DETONATION.
12/13/2017	1132	0.0	Forced	Maintenance	0	7	ENGINE SHUTDOWN DUE TO DETONATION.
12/14/2017	0959	0.0	Forced	Maintenance	0	2	ENGINE SHUTDOWN DUE TO DETONATION.
12/18/2017	0954	0.0	Forced	Maintenance	0	26	ELECTRICAL MAINTENANCE.
12/19/2017	1038	0.0	Forced	Maintenance	0	6	ENGINE SHUTDOWN DUE TO DETONATION.
12/19/2017	1214	0.0	Forced	Maintenance	0	1	ENGINE SHUTDOWN DUE TO DETONATION.

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## Laurel Ridge Landfill

	Time	Available	Forced or		A	ctual	
Date	Off/On	MW	Scheduled	Status	Hours	Minutes	Cause or Reason
12/20/2017	1117	0.0	Forced	Maintenance	0	3	ENGINE SHUTDOWN DUE TO DETONATION.
12/24/2017	1804	0.0	Forced	Maintenance	2	22	ENGINE SHUTDOWN DUE TO DETONATION.
12/25/2017	1455	0.0	Forced	Maintenance	0	50	FUEL SKID MAINTENANCE.
12/27/2017	1030	0.0	Forced	Maintenance	0	9	ENGINE SHUTDOWN DUE TO DETONATION.
01/04/2018	1446	0.0	Forced	Maintenance	0	1	ENGINE SHUTDOWN DUE TO DETONATION.
01/06/2018	2009	0.0	Forced	Maintenance	306	43	ENGINE MAINTENANCE.
01/19/2018	1516	0.0	Forced	Maintenance	0	29	ENGINE MAINTENANCE.
01/19/2018	1622	0.0	Forced	Maintenance	0	3	ENGINE MAINTENANCE.
01/19/2018	1632	0.0	Forced	Maintenance	0	11	ENGINE MAINTENANCE.
01/19/2018	1700	0.0	Forced	Maintenance	0	1	ENGINE MAINTENANCE.
02/01/2018	1020	0.0	Forced	Maintenance	0	8	ENGINE MAINTENANCE.
02/28/2018	1540	0.0	Forced	Maintenance	0	21	ENGINE MAINTENANCE.
03/01/2018	0310	0.0	Forced	Maintenance	1	11	ENGINE MAINTENANCE.
03/08/2018	1301	0.0	Scheduled	Maintenance	2	52	ENGINE MAINTENANCE.
03/27/2018	1521	0.0	Forced	Maintenance	0	8	ENGINE SHUTDOWN DUE TO DETONATION.
03/29/2018	1010	0.0	Scheduled	Maintenance	3	30	FUEL SKID MAINTENANCE.
03/29/2018	1341	0.0	Forced	Maintenance	0	1	ENGINE SHUTDOWN DUE TO DETONATION.
04/05/2018	0736	0.0	Forced	Maintenance	0	29	FUEL SKID MAINTENANCE.
04/23/2018	1230	0.0	Scheduled	Maintenance	3	20	ENGINE MAINTENANCE.
04/26/2018	1350	0.0	Forced	Fuel Outage	0	36	RESERVED SHUTDOWN STATE DUE TO FUEL
							SUPPLY.

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#### **Bavarian Landfill**

Unit 001				Г			1
	Time	Available	Forced or		A	ctual	
Date	Off/On	MW	Scheduled	Status	Hours	Minutes	Cause or Reason
11/06/2017	0200	0.0	Forced	Maintenance	1	21	ENGINE SHUTDOWN DUE TO DETONATION.
11/06/2017	0323	0.0	Forced	Maintenance	0	4	ENGINE SHUTDOWN DUE TO DETONATION.
11/15/2017	1256	0.0	Scheduled	Maintenance	1	45	ENGINE MAINTENANCE.
11/22/2017	2308	0.0	Forced	Fuel Outage	5	11	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
11/23/2017	1100	0.0	Forced	Fuel Outage	4	2	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
11/23/2017	1531	0.0	Forced	Fuel Outage	25	52	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
11/25/2017	1345	0.0	Forced	Maintenance	21	13	CONDENSATE SYSTEM MAINTENANCE.
11/27/2017	0950	0.0	Forced	Maintenance	2	41	ELECTRICAL MAINTENANCE.
12/05/2017	1226	0.0	Forced	Maintenance	0	18	ENGINE MAINTENANCE.
12/26/2017	0458	0.0	Forced	Maintenance	1	37	ENGINE SHUTDOWN DUE TO DETONATION.
01/02/2018	0252	0.0	Forced	Maintenance	12	7	FUEL SKID MAINTENANCE.
01/04/2018	0817	0.0	Scheduled	Maintenance	1	25	ENGINE MAINTENANCE.
01/04/2018	1328	0.0	Forced	Fuel Outage	12	32	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
01/05/2018	1810	0.0	Forced	Fuel Outage	69	7	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
01/25/2018	0940	0.0	Forced	Maintenance	0	9	GENERATOR PROTECTIVE RELAY FAULT.
01/28/2018	0241	0.0	Forced	Maintenance	2	24	CONDENSATE SYSTEM MAINTENANCE.
02/02/2018	1529	0.0	Forced	Maintenance	2	15	CONDENSATE SYSTEM MAINTENANCE.
02/04/2018	0824	0.0	Forced	Maintenance	1	26	CONDENSATE SYSTEM MAINTENANCE.
02/04/2018	0954	0.0	Forced	Maintenance	0	39	CONDENSATE SYSTEM MAINTENANCE.
02/04/2018	1036	0.0	Forced	Maintenance	0	33	CONDENSATE SYSTEM MAINTENANCE.
02/05/2018	1508	0.0	Forced	Maintenance	3	52	CONDENSATE SYSTEM MAINTENANCE.
02/05/2018	1911	0.0	Forced	Maintenance	0	2	ENGINE SHUTDOWN DUE TO DETONATION.
02/05/2018	1921	0.0	Forced	Maintenance	0	8	ENGINE SHUTDOWN DUE TO DETONATION.
02/06/2018	0950	0.0	Scheduled	Maintenance	0	26	ENGINE MAINTENANCE.
02/08/2018	0620	0.0	Forced	Maintenance	0	20	CONDENSATE SYSTEM MAINTENANCE.
02/09/2018	1409	0.0	Forced	Maintenance	0	9	CONDENSATE SYSTEM MAINTENANCE.
02/09/2018	1420	0.0	Forced	Maintenance	0	17	CONDENSATE SYSTEM MAINTENANCE.
02/09/2018	1441	0.0	Forced	Maintenance	0	32	CONDENSATE SYSTEM MAINTENANCE.
02/14/2018	1341	0.0	Forced	Maintenance	0	16	UTILITY BREAKER 52U OPERATION.
02/26/2018	1031	0.0	Forced	Maintenance	0	26	CONDENSATE SYSTEM MAINTENANCE.
02/27/2018	0604	0.0	Scheduled	Maintenance	11	9	ENGINE MAINTENANCE.
03/02/2018	0108	0.0	Forced	Fuel Outage	2	5	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
03/13/2018	0934	0.0	Scheduled	Maintenance	0	27	ENGINE MAINTENANCE.
04/20/2018	0817	0.0	Forced	Fuel Outage	4	23	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
04/25/2018	1247	0.0	Forced	Maintenance	0	6	ENGINE SHUTDOWN DUE TO DETONATION.
04/26/2018	1914	0.0	Forced	Maintenance	14	16	FUEL SKID MAINTENANCE.

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#### **Bavarian Landfill**

<b>Unit 002</b>							
	Time	Available	Forced or		Ac	etual	
Date	Off/On	MW	Scheduled	Status	Hours	Minutes	Cause or Reason
11/06/2017	0215	0.0	Forced	Maintenance	1	23	ENGINE SHUTDOWN DUE TO DETONATION.
11/17/2017	1350	0.0	Forced	Maintenance	0	33	ENGINE SHUTDOWN DUE TO DETONATION.
11/22/2017	2308	0.0	Forced	Fuel Outage	5	21	RESERVED SHUTDOWN STATE DUE TO FUEL
							SUPPLY.
11/23/2017	1100	0.0	Forced	Fuel Outage	31	1	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
11/25/2017	1345	0.0	Forced	Maintenance	21	13	CONDENSATE SYSTEM MAINTENANCE.
12/07/2017	0918	0.0	Scheduled	Maintenance	2	21	ENGINE MAINTENANCE.
12/26/2017	0458	0.0	Forced	Maintenance	1	38	ENGINE SHUTDOWN DUE TO DETONATION.
01/02/2018	0252	0.0	Forced	Maintenance	11	4	FUEL SKID MAINTENANCE.
01/02/2018	1419	0.0	Forced	Maintenance	0	2	ENGINE SHUTDOWN DUE TO DETONATION.
01/06/2018	2245	0.0	Forced	Maintenance	2	3	CONDENSATE SYSTEM MAINTENANCE.
01/07/2018	0102	0.0	Forced	Maintenance	13	43	CONDENSATE SYSTEM MAINTENANCE.
01/24/2018	0708	0.0	Scheduled	Maintenance	0	22	ENGINE MAINTENANCE.
01/25/2018	0940	0.0	Forced	Maintenance	0	8	GENERATOR PROTECTIVE RELAY FAULT.
01/28/2018	0241	0.0	Forced	Maintenance	2	22	CONDENSATE SYSTEM MAINTENANCE.
02/02/2018	1529	0.0	Forced	Maintenance	2	11	CONDENSATE SYSTEM MAINTENANCE.
02/04/2018	0824	0.0	Forced	Maintenance	1	22	CONDENSATE SYSTEM MAINTENANCE.
02/04/2018	0954	0.0	Forced	Maintenance	0	38	CONDENSATE SYSTEM MAINTENANCE.
02/04/2018	1036	0.0	Forced	Maintenance	0	32	CONDENSATE SYSTEM MAINTENANCE.
02/05/2018	1508	0.0	Forced	Maintenance	4	10	CONDENSATE SYSTEM MAINTENANCE.
02/06/2018	1017	0.0	Forced	Maintenance	5	31	ENGINE MAINTENANCE.
02/07/2018	0913	0.0	Scheduled	Maintenance	0	23	ENGINE MAINTENANCE.
02/07/2018	1416	0.0	Forced	Maintenance	1	3	ENGINE MAINTENANCE.
02/07/2018	1533	0.0	Forced	Maintenance	1	12	ENGINE MAINTENANCE.
02/08/2018	0620	0.0	Scheduled	Maintenance	9	22	ENGINE MAINTENANCE.
02/09/2018	0500	0.0	Forced	Maintenance	0	31	ENGINE SHUTDOWN DUE TO DETONATION.
02/09/2018	1409	0.0	Forced	Maintenance	0	9	CONDENSATE SYSTEM MAINTENANCE.
02/09/2018	1420	0.0	Forced	Maintenance	0	17	CONDENSATE SYSTEM MAINTENANCE.
02/09/2018	1441	0.0	Forced	Maintenance	0	32	CONDENSATE SYSTEM MAINTENANCE.
02/14/2018	1341	0.0	Forced	Maintenance	0	16	UTILITY BREAKER 52U OPERATION.
02/22/2018	1340	0.0	Forced	Maintenance	1	48	RADIATOR MAINTENANCE.
02/26/2018	1031	0.0	Forced	Maintenance	0	26	CONDENSATE SYSTEM MAINTENANCE.
02/28/2018	1001	0.0	Forced	Maintenance	0	23	ENGINE MAINTENANCE.
02/28/2018	1202	0.0	Forced	Maintenance	2	55	RADIATOR MAINTENANCE.
03/27/2018	0917	0.0	Forced	Maintenance	8	54	ENGINE MAINTENANCE.
03/28/2018	0911	0.0	Scheduled	Maintenance	1	57	ENGINE MAINTENANCE.
04/16/2018	1449	0.0	Forced	Maintenance	2	13	ENGINE MAINTENANCE.
04/25/2018	1247	0.0	Forced	Maintenance	0	7	ENGINE SHUTDOWN DUE TO DETONATION.
04/26/2018	1914	0.0	Forced	Maintenance	14	17	FUEL SKID MAINTENANCE.

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#### **Bavarian Landfill**

Det	Time	Available	Forced or Scheduled	C4-4		ctual	Cours on Process
Date	Off/On	MW		Status	Hours	Minutes	Cause or Reason
11/06/2017	0200	0.0	Forced	Maintenance	1	26	ENGINE SHUTDOWN DUE TO DETONATION.
11/17/2017	1350	0.0	Forced	Maintenance	0	33	ENGINE SHUTDOWN DUE TO DETONATION.
11/22/2017	2308	0.0	Forced	Fuel Outage	5	14	RESERVED SHUTDOWN STATE DUE TO FUEL
11/22/2017	1100	0.0	F 1	F .10 (		4	SUPPLY.
11/23/2017	1100	0.0	Forced	Fuel Outage	4	4	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
11/23/2017	1531	0.0	Forced	Fuel Outage	25	51	RESERVED SHUTDOWN STATE DUE TO FUEL
11/25/2017	1001	0.0	1 01000	Tuer outuge	25	0.1	SUPPLY.
11/25/2017	1345	0.0	Forced	Maintenance	21	14	CONDENSATE SYSTEM MAINTENANCE.
12/01/2017	1241	0.0	Scheduled	Maintenance	0	42	ENGINE MAINTENANCE.
12/08/2017	1450	0.0	Forced	Maintenance	0	17	ENGINE MAINTENANCE.
12/11/2017	0950	0.0	Forced	Maintenance	5	44	ENGINE MAINTENANCE.
12/26/2017	0458	0.0	Forced	Maintenance	1	50	ENGINE SHUTDOWN DUE TO DETONATION.
01/01/2018	0051	0.0	Forced	Fuel Outage	37	5	RESERVED SHUTDOWN STATE DUE TO FUEL
				-			SUPPLY.
01/02/2018	1419	0.0	Forced	Maintenance	0	7	GENERATOR PROTECTIVE RELAY FAULT.
01/02/2018	1508	0.0	Forced	Maintenance	25	45	ENGINE MAINTENANCE.
01/05/2018	0549	0.0	Forced	Maintenance	0	4	GENERATOR PROTECTIVE RELAY FAULT.
01/06/2018	2245	0.0	Forced	Maintenance	2	7	CONDENSATE SYSTEM MAINTENANCE.
01/07/2018	0102	0.0	Forced	Maintenance	13	46	CONDENSATE SYSTEM MAINTENANCE.
01/25/2018	0940	0.0	Forced	Maintenance	0	10	GENERATOR PROTECTIVE RELAY FAULT.
01/25/2018	1337	0.0	Forced	Maintenance	0	2	ENGINE SHUTDOWN DUE TO DETONATION.
01/28/2018	0241	0.0	Forced	Maintenance	2	22	CONDENSATE SYSTEM MAINTENANCE.
01/31/2018	0600	0.0	Scheduled	Maintenance	11	10	ENGINE MAINTENANCE.
02/02/2018	1529	0.0	Forced	Maintenance	2	11	CONDENSATE SYSTEM MAINTENANCE.
02/04/2018	0824	0.0	Forced	Maintenance	1	23	CONDENSATE SYSTEM MAINTENANCE.
02/04/2018	0954	0.0	Forced	Maintenance	0	37	CONDENSATE SYSTEM MAINTENANCE.
02/04/2018	1036	0.0	Forced	Maintenance	0	32	CONDENSATE SYSTEM MAINTENANCE.
02/05/2018	1508	0.0	Forced	Maintenance	4	0	CONDENSATE SYSTEM MAINTENANCE.
02/06/2018	0910	0.0	Scheduled	Maintenance	0	39	ENGINE MAINTENANCE.
02/08/2018	0620	0.0	Forced	Maintenance	0	20	CONDENSATE SYSTEM MAINTENANCE.
02/09/2018	1409	0.0	Forced	Maintenance	0	9	CONDENSATE SYSTEM MAINTENANCE.
02/09/2018	1420	0.0	Forced	Maintenance	0	17	CONDENSATE SYSTEM MAINTENANCE.
02/09/2018	1441	0.0	Forced	Maintenance	0	32	CONDENSATE SYSTEM MAINTENANCE.
02/14/2018	0938	0.0	Forced	Maintenance	3	32	ENGINE MAINTENANCE.
02/14/2018	1341	0.0	Forced	Maintenance	0	18	UTILITY BREAKER 52U OPERATION.
02/15/2018	1008	0.0	Forced	Maintenance	2	8	ENGINE MAINTENANCE.
02/15/2018	1252	0.0	Forced	Maintenance	25	35	ENGINE MAINTENANCE.
02/16/2018	1532	0.0	Forced	Maintenance	67	26	ENGINE MAINTENANCE.
02/20/2018	1227	0.0	Forced	Maintenance	28	4	ENGINE MAINTENANCE.
02/26/2018	1031	0.0	Forced	Maintenance	0	43	CONDENSATE SYSTEM MAINTENANCE.
02/28/2018	1025	0.0	Forced	Maintenance	1	38	RADIATOR MAINTENANCE.
03/01/2018	0301	0.0	Forced	Fuel Outage	0	14	RESERVED SHUTDOWN STATE DUE TO FUEL
							SUPPLY.

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#### **Bavarian Landfill**

	Time	Available	Forced or		A	ctual	
Date	Off/On	MW	Scheduled	Status	Hours	Minutes	Cause or Reason
03/12/2018	1031	0.0	Forced	Maintenance	0	28	ENGINE MAINTENANCE.
03/28/2018	1200	0.0	Scheduled	Maintenance	1	40	ENGINE MAINTENANCE.
04/18/2018	1829	0.0	Forced	Maintenance	1	35	GENERATOR PROTECTIVE RELAY FAULT.
04/18/2018	2326	0.0	Forced	Fuel Outage	11	37	RESERVED SHUTDOWN STATE DUE TO FUEL
04/19/2018	1112	0.0	Forced	Fuel Outage	21	5	SUPPLY. RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
04/25/2018	1247	0.0	Forced	Maintenance	0	7	ENGINE SHUTDOWN DUE TO DETONATION.
04/26/2018	1914	0.0	Forced	Maintenance	14	17	FUEL SKID MAINTENANCE.

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#### **Bavarian Landfill**

	Time	Available	Forced or		A	ctual	
Date	Off/On	MW	Scheduled	Status	Hours	Minutes	Cause or Reason
11/02/2017	1045	0.0	Scheduled	Maintenance	1	58	ENGINE MAINTENANCE.
11/22/2017	2308	0.0	Forced	Fuel Outage	5	13	RESERVED SHUTDOWN STATE DUE TO FUEL
							SUPPLY.
11/23/2017	1100	0.0	Forced	Fuel Outage	4	3	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
11/23/2017	1531	0.0	Forced	Fuel Outage	25	51	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
11/25/2017	1345	0.0	Forced	Maintenance	21	14	CONDENSATE SYSTEM MAINTENANCE.
12/11/2017	0938	0.0	Forced	Maintenance	0	12	ENGINE MAINTENANCE.
12/20/2017	0940	0.0	Scheduled	Maintenance	1	14	ENGINE MAINTENANCE.
12/22/2017	1155	0.0	Forced	Maintenance	0	8	ENGINE MAINTENANCE.
12/26/2017	0458	0.0	Forced	Maintenance	1	35	ENGINE SHUTDOWN DUE TO DETONATION.
01/02/2018	0252	0.0	Forced	Maintenance	8	24	FUEL SKID MAINTENANCE.
01/06/2018	2245	0.0	Forced	Maintenance	2	8	CONDENSATE SYSTEM MAINTENANCE.
01/07/2018	0102	0.0	Forced	Maintenance	13	43	CONDENSATE SYSTEM MAINTENANCE.
01/25/2018	0940	0.0	Forced	Maintenance	0	7	GENERATOR PROTECTIVE RELAY FAULT.
01/28/2018	0241	0.0	Forced	Maintenance	2	21	CONDENSATE SYSTEM MAINTENANCE.
02/02/2018	1529	0.0	Forced	Maintenance	2	11	CONDENSATE SYSTEM MAINTENANCE.
02/04/2018	0824	0.0	Forced	Maintenance	1	22	CONDENSATE SYSTEM MAINTENANCE.
02/04/2018	0954	0.0	Forced	Maintenance	0	38	CONDENSATE SYSTEM MAINTENANCE.
02/04/2018	1036	0.0	Forced	Maintenance	0	33	CONDENSATE SYSTEM MAINTENANCE.
02/05/2018	1508	0.0	Forced	Maintenance	3	56	CONDENSATE SYSTEM MAINTENANCE.
02/07/2018	1005	0.0	Scheduled	Maintenance	0	57	ENGINE MAINTENANCE.
02/08/2018	0620	0.0	Forced	Maintenance	0	19	CONDENSATE SYSTEM MAINTENANCE.
02/09/2018	1409	0.0	Forced	Maintenance	0	8	CONDENSATE SYSTEM MAINTENANCE.
02/09/2018	1420	0.0	Forced	Maintenance	0	17	CONDENSATE SYSTEM MAINTENANCE.
02/09/2018	1441	0.0	Forced	Maintenance	0	32	CONDENSATE SYSTEM MAINTENANCE.
02/14/2018	1341	0.0	Forced	Maintenance	0	17	UTILITY BREAKER 52U OPERATION.
02/26/2018	1031	0.0	Forced	Maintenance	0	25	CONDENSATE SYSTEM MAINTENANCE.
03/13/2018	1002	0.0	Scheduled	Maintenance	0	28	ENGINE MAINTENANCE.
04/02/2018	1000	0.0	Scheduled	Maintenance	1	29	ENGINE MAINTENANCE.
04/16/2018	0949	0.0	Scheduled	Maintenance	4	59	ENGINE MAINTENANCE.
04/25/2018	1247	0.0	Forced	Maintenance	0	7	ENGINE SHUTDOWN DUE TO DETONATION.
04/26/2018	1914	0.0	Forced	Maintenance	14	16	FUEL SKID MAINTENANCE.

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#### **Bavarian Landfill**

<u>Unit 005</u>							
	Time	Available	Forced or		A	ctual	
Date	Off/On	MW	Scheduled	Status	Hours	Minutes	Cause or Reason
11/02/2017	1517	0.0	Forced	Maintenance	0	9	ENGINE SHUTDOWN DUE TO DETONATION.
11/02/2017	1529	0.0	Forced	Maintenance	0	14	ENGINE SHUTDOWN DUE TO DETONATION.
11/02/2017	1544	0.0	Forced	Maintenance	0	10	ENGINE SHUTDOWN DUE TO DETONATION.
11/02/2017	1556	0.0	Forced	Maintenance	0	24	ENGINE SHUTDOWN DUE TO DETONATION.
11/02/2017	1755	0.0	Forced	Maintenance	0	3	ENGINE SHUTDOWN DUE TO DETONATION.
11/02/2017	1803	0.0	Forced	Maintenance	0	6	ENGINE SHUTDOWN DUE TO DETONATION.
11/06/2017	0953	0.0	Forced	Maintenance	56	12	ENGINE MAINTENANCE.
11/08/2017	2245	0.0	Forced	Maintenance	1	28	ENGINE SHUTDOWN DUE TO DETONATION.
11/13/2017	0340	0.0	Forced	Fuel Outage	3	16	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
11/14/2017	1706	0.0	Forced	Maintenance	2	13	ENGINE SHUTDOWN DUE TO DETONATION.
11/14/2017	1923	0.0	Forced	Maintenance	0	3	ENGINE SHUTDOWN DUE TO DETONATION.
11/14/2017	1927	0.0	Forced	Maintenance	3	28	ENGINE SHUTDOWN DUE TO DETONATION.
11/14/2017	2258	0.0	Forced	Maintenance	11	34	ENGINE SHUTDOWN DUE TO DETONATION.
11/15/2017	1035	0.0	Forced	Maintenance	0	4	ENGINE SHUTDOWN DUE TO DETONATION.
11/15/2017	1050	0.0	Forced	Maintenance	0	5	ENGINE SHUTDOWN DUE TO DETONATION.
11/15/2017	1056	0.0	Forced	Maintenance	0	8	ENGINE SHUTDOWN DUE TO DETONATION.
11/15/2017	1106	0.0	Forced	Maintenance	0	7	ENGINE SHUTDOWN DUE TO DETONATION.
11/15/2017	1114	0.0	Forced	Maintenance	44	50	ENGINE SHUTDOWN DUE TO DETONATION.
11/17/2017	0809	0.0	Forced	Maintenance	0	8	ENGINE SHUTDOWN DUE TO DETONATION.
11/17/2017	0820	0.0	Forced	Maintenance	12	44	ENGINE MAINTENANCE.
11/18/2017	1130	0.0	Forced	Maintenance	2	44	ENGINE SHUTDOWN DUE TO DETONATION.
11/20/2017	1057	0.0	Forced	Maintenance	0	27	ENGINE SHUTDOWN DUE TO DETONATION.
11/23/2017	0234	0.0	Forced	Fuel Outage	2	11	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
11/23/2017	0937	0.0	Forced	Maintenance	6	0	ENGINE SHUTDOWN DUE TO DETONATION.
11/24/2017	0302	0.0	Forced	Fuel Outage	15	2	RESERVED SHUTDOWN STATE DUE TO FUEL
							SUPPLY.
11/24/2017	1949	0.0	Forced	Maintenance	0	45	ENGINE SHUTDOWN DUE TO DETONATION.
12/12/2017	0900	0.0	Forced	Maintenance	3	59	ENGINE MAINTENANCE.
12/12/2017	1304	0.0	Forced	Maintenance	0	3	ENGINE SHUTDOWN DUE TO DETONATION.
12/12/2017	1313	0.0	Forced	Maintenance	75	20	ENGINE SHUTDOWN DUE TO DETONATION.
12/15/2017	1636	0.0	Forced	Maintenance	0	25	ENGINE SHUTDOWN DUE TO DETONATION.
12/16/2017	0736	0.0	Forced	Maintenance	54	48	ENGINE SHUTDOWN DUE TO DETONATION.
12/18/2017	1539	0.0	Forced	Maintenance	0	33	ENGINE SHUTDOWN DUE TO DETONATION.
12/19/2017	0839	0.0	Forced	Maintenance	0	5	ENGINE SHUTDOWN DUE TO DETONATION.
12/19/2017	0857	0.0	Forced	Maintenance	0	16	ENGINE SHUTDOWN DUE TO DETONATION.
12/19/2017	0920	0.0	Forced	Maintenance	0	29	ENGINE SHUTDOWN DUE TO DETONATION.
12/19/2017	0953	0.0	Forced	Maintenance	0	28	ENGINE SHUTDOWN DUE TO DETONATION.
12/19/2017	1027	0.0	Forced	Maintenance	0	3	ENGINE SHUTDOWN DUE TO DETONATION.
12/19/2017	1044	0.0	Forced	Maintenance	6	46	ENGINE MAINTENANCE.
12/25/2017	1430	0.0	Forced	Maintenance	2	26	ENGINE SHUTDOWN DUE TO DETONATION.
12/27/2017	0036	0.0	Forced	Maintenance	12	58	ENGINE SHUTDOWN DUE TO DETONATION.
12/27/2017	1334	0.0	Scheduled	Maintenance	0	51	ELECTRICAL MAINTENANCE.

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<b>Unit 005</b>							
	Time	Available	Forced or		A	ctual	
Date	Off/On	MW	Scheduled	Status	Hours	Minutes	Cause or Reason
12/27/2017	1609	0.0	Forced	Maintenance	1	27	ENGINE SHUTDOWN DUE TO DETONATION.
01/02/2018	0453	0.0	Forced	Maintenance	0	12	ENGINE SHUTDOWN DUE TO DETONATION.
01/05/2018	0002	0.0	Forced	Maintenance	15	8	ENGINE MAINTENANCE.
01/07/2018	0949	0.0	Forced	Maintenance	5	47	CONDENSATE SYSTEM MAINTENANCE.
01/08/2018	1646	0.0	Forced	Fuel Outage	1	11	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
01/10/2018	0002	0.0	Forced	Maintenance	7	25	ENGINE MAINTENANCE.
01/10/2018	0953	0.0	Forced	Maintenance	0	45	ENGINE MAINTENANCE.
01/10/2018	1045	0.0	Forced	Maintenance	0	12	ENGINE MAINTENANCE.
01/11/2018	2138	0.0	Forced	Maintenance	1	18	ENGINE SHUTDOWN DUE TO DETONATION.
01/11/2018	2258	0.0	Forced	Maintenance	0	51	ENGINE SHUTDOWN DUE TO DETONATION.
01/11/2018	2351	0.0	Forced	Maintenance	0	54	ENGINE SHUTDOWN DUE TO DETONATION.
01/12/2018	0047	0.0	Forced	Maintenance	11	28	ENGINE SHUTDOWN DUE TO DETONATION.
01/12/2018	1217	0.0	Forced	Maintenance	0	36	ENGINE SHUTDOWN DUE TO DETONATION.
01/12/2018	1255	0.0	Forced	Maintenance	3	39	ENGINE SHUTDOWN DUE TO DETONATION.
01/12/2018	1636	0.0	Forced	Maintenance	1	13	ENGINE SHUTDOWN DUE TO DETONATION.
01/12/2018	1753	0.0	Forced	Maintenance	16	25	ENGINE SHUTDOWN DUE TO DETONATION.
01/13/2018	1022	0.0	Forced	Maintenance	0	51	ENGINE SHUTDOWN DUE TO DETONATION.
01/13/2018	1122	0.0	Forced	Maintenance	4	19	ENGINE SHUTDOWN DUE TO DETONATION.
01/13/2018	0944	0.0	Forced	Maintenance	269	39	ENGINE MAINTENANCE.
02/03/2018	0740	0.0	Forced	Maintenance	4	27	GENERATOR PROTECTIVE RELAY FAULT.
02/05/2018	0627	0.0	Forced	Fuel Outage	15	21	RESERVED SHUTDOWN STATE DUE TO FUEL
			101000	Tuer outage	15		SUPPLY.
02/09/2018	0558	0.0	Forced	Maintenance	0	12	ENGINE MAINTENANCE.
02/09/2018	0723	0.0	Forced	Maintenance	2	44	ENGINE MAINTENANCE.
02/09/2018	1012	0.0	Forced	Maintenance	0	27	ENGINE MAINTENANCE.
02/11/2018	0031	0.0	Forced	Maintenance	2	8	ENGINE MAINTENANCE.
02/11/2018	0336	0.0	Forced	Maintenance	0	11	ENGINE MAINTENANCE.
02/11/2018	0400	0.0	Forced	Maintenance	0	11	ENGINE MAINTENANCE.
02/14/2018	1341	0.0	Forced	Maintenance	0	35	UTILITY BREAKER 52U OPERATION.
02/15/2018	1612	0.0	Forced	Maintenance	0	15	ENGINE SHUTDOWN DUE TO DETONATION.
02/16/2018	0417	0.0	Forced	Maintenance	5	24	ENGINE SHUTDOWN DUE TO DETONATION.
02/21/2018	0128	0.0	Forced	Maintenance	7	51	ENGINE SHUTDOWN DUE TO DETONATION.
02/25/2018	1708	0.0	Forced	Maintenance	1	17	ENGINE MAINTENANCE.
03/02/2018	0109	0.0	Forced	Fuel Outage	2	35	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
03/02/2018	0400	0.0	Forced	Maintenance	0	7	ENGINE MAINTENANCE.
03/03/2018	0720	0.0	Forced	Maintenance	3	37	FUEL SKID MAINTENANCE.
03/09/2018	0937	0.0	Forced	Maintenance	0	43	FUEL SKID MAINTENANCE.
03/09/2018	1027	0.0	Forced	Maintenance	0	7	ENGINE SHUTDOWN DUE TO DETONATION.
03/09/2018	1035	0.0	Forced	Maintenance	5	6	ENGINE MAINTENANCE.
03/10/2018	0645	0.0	Forced	Maintenance	1	34	ENGINE SHUTDOWN DUE TO DETONATION.
03/12/2018	2349	0.0	Forced	Maintenance	6	45	ENGINE SHUTDOWN DUE TO DETONATION.
03/15/2018	1813	0.0	Forced	Maintenance	2	30	ENGINE SHUTDOWN DUE TO DETONATION.

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#### **Bavarian Landfill**

	Time	Available	Forced or		A	ctual	
Date	Off/On	MW	Scheduled	Status	Hours	Minutes	Cause or Reason
03/15/2018	2046	0.0	Forced	Maintenance	0	9	ENGINE SHUTDOWN DUE TO DETONATION.
03/18/2018	0800	0.0	Forced	Maintenance	4	20	ENGINE SHUTDOWN DUE TO DETONATION.
03/19/2018	1912	0.0	Forced	Maintenance	2	1	ENGINE SHUTDOWN DUE TO DETONATION.
03/20/2018	0920	0.0	Scheduled	Maintenance	3	35	ENGINE MAINTENANCE.
03/20/2018	1259	0.0	Forced	Maintenance	0	24	ENGINE SHUTDOWN DUE TO DETONATION.
03/21/2018	0951	0.0	Forced	Maintenance	4	31	ENGINE MAINTENANCE.
03/22/2018	1927	0.0	Forced	Maintenance	1	22	ENGINE SHUTDOWN DUE TO DETONATION.
03/30/2018	1616	0.0	Forced	Maintenance	0	24	ENGINE SHUTDOWN DUE TO DETONATION.
04/02/2018	1235	0.0	Forced	Fuel Outage	2	42	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
04/03/2018	0754	0.0	Scheduled	Maintenance	13	36	ENGINE MAINTENANCE.
04/05/2018	1635	0.0	Forced	Maintenance	3	16	ENGINE SHUTDOWN DUE TO DETONATION.
04/05/2018	2002	0.0	Forced	Maintenance	0	22	ENGINE SHUTDOWN DUE TO DETONATION.
04/05/2018	2025	0.0	Forced	Maintenance	21	5	ENGINE MAINTENANCE.
04/06/2018	1747	0.0	Forced	Maintenance	0	43	ENGINE SHUTDOWN DUE TO DETONATION.
04/06/2018	1831	0.0	Forced	Maintenance	0	13	ENGINE SHUTDOWN DUE TO DETONATION.
04/06/2018	1848	0.0	Forced	Maintenance	1	23	ENGINE SHUTDOWN DUE TO DETONATION.
04/06/2018	2016	0.0	Forced	Maintenance	14	24	ENGINE MAINTENANCE.
04/10/2018	1517	0.0	Scheduled	Maintenance	46	53	ENGINE MAINTENANCE.
04/12/2018	1513	0.0	Scheduled	Maintenance	0	11	ENGINE MAINTENANCE.
04/17/2018	0902	0.0	Forced	Maintenance	4	54	ENGINE MAINTENANCE.
04/18/2018	0705	0.0	Forced	Maintenance	1	29	ENGINE SHUTDOWN DUE TO DETONATION.
04/19/2018	0759	0.0	Scheduled	Maintenance	0	43	ENGINE MAINTENANCE.
04/19/2018	0939	0.0	Forced	Fuel Outage	29	22	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
04/21/2018	1228	0.0	Forced	Maintenance	1	6	ENGINE SHUTDOWN DUE TO DETONATION.
04/24/2018	1134	0.0	Scheduled	Maintenance	3	14	ENGINE MAINTENANCE.
04/25/2018	0913	0.0	Scheduled	Maintenance	4	49	ENGINE MAINTENANCE.
04/25/2018	1423	0.0	Scheduled	Maintenance	0	27	FUEL SKID MAINTENANCE.
04/26/2018	1914	0.0	Forced	Maintenance	14	51	FUEL SKID MAINTENANCE.

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#### Hardin Co. Landfill

	Time	Available	Forced or		A	ctual	
Date	Off/On	MW	Scheduled	Status	Hours	Minutes	Cause or Reason
11/01/2017	0000	0.0	Forced	Fuel Outage	721	0	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
12/01/2017	0000	0.0	Forced	Fuel Outage	744	0	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
01/01/2018	0000	0.0	Forced	Fuel Outage	744	0	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
02/01/2018	0000	0.0	Forced	Fuel Outage	672	0	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
03/01/2018	0000	0.0	Forced	Fuel Outage	743	0	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
04/01/2018	0000	0.0	Forced	Fuel Outage	720	0	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.

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#### Hardin Co. Landfill

	Time	Available	Forced or		A	ctual	
Date	Off/On	MW	Scheduled	Status	Hours	Minutes	Cause or Reason
11/06/2017	0900	0.0	Forced	Fuel Outage	24	0	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
11/09/2017	0900	0.0	Forced	Fuel Outage	519	0	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
12/01/2017	0000	0.0	Forced	Fuel Outage	249	0	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
12/15/2017	0900	0.0	Forced	Fuel Outage	399	0	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
01/01/2018	0000	0.0	Forced	Fuel Outage	81	0	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
01/07/2018	0900	0.0	Forced	Fuel Outage	591	0	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
02/01/2018	0000	0.0	Forced	Fuel Outage	153	0	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
02/09/2018	0240	0.0	Forced	Maintenance	5	50	ENGINE MAINTENANCE.
02/09/2018	0830	0.0	Forced	Fuel Outage	335	30	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
02/24/2018	1740	0.0	Forced	Fuel Outage	2	50	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
02/26/2018	1015	0.0	Scheduled	Maintenance	0	30	UTILITY BREAKER 52U OPERATION.
03/05/2018	0900	0.0	Forced	Fuel Outage	367	20	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
03/27/2018	0900	0.0	Forced	Fuel Outage	2	4	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
03/30/2018	1350	0.0	Forced	Fuel Outage	34	10	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
04/01/2018	0000	0.0	Forced	Fuel Outage	369	0	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
04/16/2018	1740	0.0	Forced	Maintenance	19	50	UTILITY BREAKER 52U OPERATION CAUSED BY STORMS.
04/17/2018	1330	0.0	Forced	Fuel Outage	235	30	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.

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#### Hardin Co. Landfill

	Time	Available	Forced or		A	ctual	
Date	Off/On	MW	Scheduled	Status	Hours	Minutes	Cause or Reason
11/01/2017	0000	0.0	Forced	Fuel Outage	13	5	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
11/01/2017	1500	0.0	Forced	Fuel Outage	115	0	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
11/07/2017	0900	0.0	Forced	Fuel Outage	48	0	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
11/24/2017	0810	0.0	Forced	Fuel Outage	4	25	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
12/11/2017	0900	0.0	Forced	Fuel Outage	96	0	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
01/03/2018	2230	0.0	Forced	Fuel Outage	82	30	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
01/19/2018	1345	0.0	Scheduled	Maintenance	0	35	ENGINE MAINTENANCE.
01/29/2018	1245	0.0	Scheduled	Maintenance	1	30	SUBSTATION MAINTENANCE.
02/07/2018	0900	0.0	Forced	Fuel Outage	47	30	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
02/19/2018	1540	0.0	Scheduled	Maintenance	0	40	ENGINE MAINTENANCE.
02/23/2018	0800	0.0	Forced	Fuel Outage	136	0	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
03/01/2018	0000	0.0	Forced	Fuel Outage	105	0	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
03/20/2018	1205	0.0	Forced	Fuel Outage	164	55	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
03/27/2018	1035	0.0	Forced	Fuel Outage	75	15	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
04/16/2018	0900	0.0	Forced	Fuel Outage	28	30	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
04/27/2018	0900	0.0	Forced	Fuel Outage	87	0	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.

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#### Pendleton Co. Landfill

Unit 001				Ι	I		
	Time	Available	Forced or	_		ctual	
Date	Off/On	MW	Scheduled	Status	Hours	Minutes	Cause or Reason
11/01/2017	0000	0.0	Forced	Fuel Outage	14	30	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
11/02/2017	1335	0.0	Forced	Maintenance	1	1	CONDENSATE SYSTEM MAINTENANCE.
11/09/2017	0904	0.0	Forced	Fuel Outage	6	48	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
11/21/2017	0904	0.0	Forced	Fuel Outage	217	58	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
12/04/2017	1135	0.0	Forced	Fuel Outage	4	23	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
12/05/2017	1034	0.0	Forced	Maintenance	0	6	ELECTRICAL MAINTENANCE.
12/05/2017	1231	0.0	Forced	Fuel Outage	17	59	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
12/12/2017	1045	0.0	Forced	Maintenance	1	52	SUBSTATION MAINTENANCE.
12/13/2017	1347	0.0	Forced	Fuel Outage	1	56	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
12/15/2017	1050	0.0	Forced	Fuel Outage	1	45	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
12/15/2017	1431	0.0	Forced	Fuel Outage	1	40	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
12/28/2017	1611	0.0	Forced	Maintenance	79	49	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
01/01/2018	0000	0.0	Forced	Fuel Outage	33	20	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
01/03/2018	1115	0.0	Forced	Fuel Outage	0	38	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
01/09/2018	0916	0.0	Forced	Fuel Outage	24	55	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
01/24/2018	1421	0.0	Forced	Maintenance	0	16	UTILITY BREAKER 52U OPERATION.
02/13/2018	0900	0.0	Scheduled	Maintenance	2	2	ENGINE MAINTENANCE.
02/13/2018	1103	0.0	Forced	Maintenance	0	1	ENGINE SHUTDOWN DUE TO DETONATION.
02/19/2018	1300	0.0	Forced	Maintenance	0	48	FUEL SKID MAINTENANCE.
02/23/2018	0505	0.0	Forced	Maintenance	1	56	FUEL SKID MAINTENANCE.
02/23/2018	0815	0.0	Forced	Maintenance	4	58	FUEL SKID MAINTENANCE.
03/04/2018	1408	0.0	Forced	Maintenance	0	58	ENGINE SHUTDOWN DUE TO DETONATION.
03/20/2018	0810	0.0	Forced	Fuel Outage	1	34	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
03/20/2018	0945	0.0	Forced	Maintenance	0	14	ENGINE SHUTDOWN DUE TO DETONATION.
03/20/2018	1005	0.0	Forced	Maintenance	0	10	ENGINE SHUTDOWN DUE TO DETONATION.
03/29/2018	0910	0.0		Maintenance	2	41	ENGINE MAINTENANCE.
03/29/2018	1152	0.0	Forced	Maintenance	0	5	ENGINE SHUTDOWN DUE TO DETONATION.
04/02/2018	0512	0.0	Forced	Maintenance	4	6	ENGINE SHUTDOWN DUE TO DETONATION.
04/02/2018	1046	0.0	Forced	Fuel Outage	24	28	RESERVED SHUTDOWN STATE DUE TO FUEL
04/04/2018	0630	0.0	Forced	Fuel Outage	6	44	SUPPLY. RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.

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#### Pendleton Co. Landfill

<b>Unit 002</b>							
	Time	Available	Forced or		A	ctual	
Date	Off/On	MW	Scheduled	Status	Hours	Minutes	Cause or Reason
11/02/2017	1335	0.0	Forced	Maintenance	0	27	CONDENSATE SYSTEM MAINTENANCE.
11/07/2017	1121	0.0	Forced	Fuel Outage	190	35	RESERVED SHUTDOWN STATE DUE TO FUEL
11/0//2017	1121	0.0	1 01000	I dei Guage	170	33	SUPPLY.
11/15/2017	1057	0.0	Forced	Fuel Outage	145	41	RESERVED SHUTDOWN STATE DUE TO FUEL
							SUPPLY.
12/04/2017	1135	0.0	Forced	Fuel Outage	4	25	RESERVED SHUTDOWN STATE DUE TO FUEL
							SUPPLY.
12/07/2017	0930	0.0	Forced	Fuel Outage	120	5	RESERVED SHUTDOWN STATE DUE TO FUEL
10/10/2015	0026				_		SUPPLY.
12/12/2017	0936	0.0	Forced	Maintenance	5	47	ELECTRICAL MAINTENANCE.
12/13/2017	1344	0.0	Forced	Fuel Outage	2	6	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
12/15/2017	1100	0.0	Forced	Fuel Outage	0	50	RESERVED SHUTDOWN STATE DUE TO FUEL
12/13/2017	1100	0.0	roiced	Tuel Outage		30	SUPPLY.
12/15/2017	1431	0.0	Forced	Fuel Outage	1	29	RESERVED SHUTDOWN STATE DUE TO FUEL
							SUPPLY.
01/03/2018	0000	0.0	Forced	Maintenance	11	26	FUEL OUTAGE.
01/10/2018	0916	0.0	Forced	Fuel Outage	0	52	RESERVED SHUTDOWN STATE DUE TO FUEL
							SUPPLY.
01/16/2018	1430	0.0	Forced	Maintenance	0	14	ENGINE MAINTENANCE.
01/23/2018	0814	0.0	Scheduled	Maintenance	1	28	ENGINE MAINTENANCE.
01/24/2018	1421	0.0	Forced	Maintenance	0	8	UTILITY BREAKER 52U OPERATION.
01/24/2018	1438	0.0	Forced	Maintenance	0	20	GENERATOR PROTECTIVE RELAY FAULT.
02/19/2018	1300	0.0	Forced	Maintenance	1	0	FUEL SKID MAINTENANCE.
02/23/2018	0505	0.0	Forced	Maintenance	2	9	FUEL SKID MAINTENANCE.
02/23/2018	0814	0.0	Forced	Maintenance	4	49	FUEL SKID MAINTENANCE.
03/04/2018	1409	0.0	Forced	Maintenance	0	8	ENGINE SHUTDOWN DUE TO DETONATION.
03/09/2018	0910	0.0	Scheduled	Maintenance	3	16	ENGINE MAINTENANCE.
03/20/2018	0810	0.0	Forced	Fuel Outage	1	16	RESERVED SHUTDOWN STATE DUE TO FUEL
							SUPPLY.
03/20/2018	0929	0.0	Forced	Maintenance	0	5	ENGINE SHUTDOWN DUE TO DETONATION.
03/20/2018	0935	0.0	Forced	Maintenance	0	27	ENGINE SHUTDOWN DUE TO DETONATION.
03/20/2018	1005	0.0	Forced	Maintenance	0	15	ENGINE SHUTDOWN DUE TO DETONATION.
04/02/2018	0002	0.0	Forced	Maintenance	7	33	ENGINE SHUTDOWN DUE TO DETONATION.
04/02/2018	0735	0.0	Forced	Fuel Outage	27	42	RESERVED SHUTDOWN STATE DUE TO FUEL
04/04/2010	0620	0.0	г 1	F 10 /		40	SUPPLY.
04/04/2018	0630	0.0	Forced	Fuel Outage	6	40	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
04/04/2018	1312	0.0	Forced	Maintenance	0	8	ENGINE SHUTDOWN DUE TO DETONATION.
04/04/2018	1312	0.0	Forced	Maintenance	0	8	ENGINE SHUTDOWN DUE TO DETONATION.
04/04/2018	1121	0.0	Scheduled	Maintenance	1	35	ENGINE MAINTENANCE.
U-1/23/2010	1121	0.0	Scheduled	141amichanec	1	33	E. C. E. H. H. I. E. H. I. C. E.

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#### Pendleton Co. Landfill

<b>Unit 003</b>							
	Time	Available	Forced or		A	ctual	
Date	Off/On	MW	Scheduled	Status	Hours	Minutes	Cause or Reason
11/02/2017	1335	0.0	Forced	Maintenance	0	39	CONDENSATE SYSTEM MAINTENANCE.
11/09/2017	0912	0.0	Forced	Fuel Outage	6	48	RESERVED SHUTDOWN STATE DUE TO FUEL
							SUPPLY.
11/21/2017	0915	0.0	Forced	Fuel Outage	3	28	RESERVED SHUTDOWN STATE DUE TO FUEL
							SUPPLY.
11/30/2017	1102	0.0	Forced	Fuel Outage	12	58	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
12/01/2017	0000	0.0	Forced	Fuel Outage	108	0	RESERVED SHUTDOWN STATE DUE TO FUEL
12/01/2017	0000	0.0	1 Oleca	1 del Oddage	100	V	SUPPLY.
12/06/2017	1654	0.0	Forced	Fuel Outage	14	36	RESERVED SHUTDOWN STATE DUE TO FUEL
							SUPPLY.
12/07/2017	0916	0.0	Forced	Fuel Outage	0	9	RESERVED SHUTDOWN STATE DUE TO FUEL
10/10/2017	4045					4.0	SUPPLY.
12/12/2017	1045	0.0	Forced	Maintenance	2	10	SUBSTATION MAINTENANCE.
12/13/2017	1525	0.0	Forced	Fuel Outage	440	35	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
01/01/2018	0830	0.0	Forced	Maintenance	26	19	ENGINE SHUTDOWN DUE TO DETONATION.
01/03/2018	1115	0.0	Forced	Fuel Outage	0	28	RESERVED SHUTDOWN STATE DUE TO FUEL
							SUPPLY.
01/08/2018	0733	0.0	Forced	Fuel Outage	24	40	RESERVED SHUTDOWN STATE DUE TO FUEL
							SUPPLY.
01/10/2018	0916	0.0	Forced	Fuel Outage	0	59	RESERVED SHUTDOWN STATE DUE TO FUEL
01/12/2018	1200	0.0	Forced	Fuel Outage	67	24	SUPPLY. RESERVED SHUTDOWN STATE DUE TO FUEL
01/12/2018	1200	0.0	roiceu	ruei Outage	07	24	SUPPLY.
01/16/2018	1848	0.0	Forced	Maintenance	12	40	ENGINE MAINTENANCE.
01/19/2018	0528	0.0	Forced	Maintenance	1	32	ELECTRICAL MAINTENANCE.
01/20/2018	2105	0.0	Forced	Maintenance	1	25	ENGINE SHUTDOWN DUE TO DETONATION.
01/23/2018	1207	0.0	Forced	Fuel Outage	45	1	RESERVED SHUTDOWN STATE DUE TO FUEL
							SUPPLY.
02/02/2018	1024	0.0	Forced	Maintenance	0	10	ENGINE MAINTENANCE.
02/02/2018	1222	0.0	Forced	Fuel Outage	94	50	RESERVED SHUTDOWN STATE DUE TO FUEL
02/16/2018	0258	0.0	Forced	Maintenance	4	35	SUPPLY. ENGINE SHUTDOWN DUE TO DETONATION.
02/10/2018	2019	0.0	Forced	Fuel Outage	61	54	RESERVED SHUTDOWN STATE DUE TO FUEL
02/17/2018	2017	0.0	roiccu	I del Odtage	01	34	SUPPLY.
02/22/2018	0420	0.0	Forced	Maintenance	2	59	ENGINE SHUTDOWN DUE TO DETONATION.
02/23/2018	0505	0.0	Forced	Maintenance	2	33	FUEL SKID MAINTENANCE.
02/23/2018	0813	0.0	Forced	Maintenance	4	53	FUEL SKID MAINTENANCE.
02/24/2018	1215	0.0	Forced	Maintenance	5	22	ENGINE SHUTDOWN DUE TO DETONATION.
02/26/2018	1052	0.0	Forced	Maintenance	0	45	ENGINE SHUTDOWN DUE TO DETONATION.
02/27/2018	1345	0.0	Forced	Maintenance	1	2	ENGINE SHUTDOWN DUE TO DETONATION.
02/28/2018	2338	0.0	Forced	Maintenance	0	22	ENGINE SHUTDOWN DUE TO DETONATION.
03/01/2018	0000	0.0	Forced	Maintenance	7	47	ENGINE SHUTDOWN DUE TO DETONATION.
03/04/2018	1407	0.0	Forced	Maintenance	0	51	ENGINE SHUTDOWN DUE TO DETONATION.
03/06/2018	0703	0.0	Scheduled	Maintenance	9	52	ENGINE MAINTENANCE.

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#### Pendleton Co. Landfill

	Time	Available	Forced or		A	ctual	
Date	Off/On	MW	Scheduled	Status	Hours	Minutes	Cause or Reason
03/07/2018	0915	0.0	Scheduled	Maintenance	0	50	ENGINE MAINTENANCE.
03/20/2018	0810	0.0	Forced	Fuel Outage	2	40	RESERVED SHUTDOWN STATE DUE TO FUEL
							SUPPLY.
03/20/2018	1228	0.0	Forced	Maintenance	0	17	ENGINE MAINTENANCE.
03/25/2018	0738	0.0	Forced	Maintenance	4	35	ENGINE SHUTDOWN DUE TO DETONATION.
04/02/2018	0735	0.0	Forced	Fuel Outage	27	55	RESERVED SHUTDOWN STATE DUE TO FUEL
							SUPPLY.
04/04/2018	0630	0.0	Forced	Fuel Outage	6	50	RESERVED SHUTDOWN STATE DUE TO FUEL
							SUPPLY.
04/09/2018	1525	0.0	Scheduled	Maintenance	0	48	ENGINE MAINTENANCE.
04/23/2018	0908	0.0	Scheduled	Maintenance	2	8	ENGINE MAINTENANCE.
04/23/2018	1256	0.0	Forced	Maintenance	0	12	ENGINE MAINTENANCE.

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#### Pendleton Co. Landfill

<u>Unit 004</u>							
	Time	Available	Forced or		A	ctual	
Date	Off/On	MW	Scheduled	Status		Minutes	Cause or Reason
11/01/2017	1432	0.0	Forced	Fuel Outage	23	48	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
11/02/2017	1423	0.0	Forced	Fuel Outage	117	50	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
11/09/2017	0904	0.0	Forced	Fuel Outage	6	40	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
11/16/2017	0755	0.0	Forced	Maintenance	5	42	ENGINE SHUTDOWN DUE TO DETONATION.
11/21/2017	0904	0.0	Forced	Fuel Outage	3	35	RESERVED SHUTDOWN STATE DUE TO FUEL
12/04/2017	1135	0.0	Forced	Fuel Outage	4	39	SUPPLY. RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
12/06/2017	0635	0.0	Forced	Fuel Outage	10	11	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
12/07/2017	0802	0.0	Forced	Fuel Outage	0	31	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
12/12/2017	1045	0.0	Forced	Maintenance	2	15	SUBSTATION MAINTENANCE.
12/13/2017	1345	0.0	Forced	Maintenance	2	10	FUEL OUTAGE.
12/15/2017	1100	0.0	Forced	Fuel Outage	1	31	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
12/15/2017	1431	0.0	Forced	Fuel Outage	1	36	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
01/03/2018	1115	0.0	Forced	Fuel Outage	2	49	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
01/10/2018	0916	0.0	Forced	Fuel Outage	1	10	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
01/17/2018	0735	0.0	Scheduled	Maintenance	3	35	ENGINE MAINTENANCE.
01/19/2018	2130	0.0	Forced	Maintenance	64	52	ELECTRICAL MAINTENANCE.
01/24/2018	1421	0.0	Forced	Maintenance	0	26	UTILITY BREAKER 52U OPERATION.
02/01/2018	0912	0.0	Forced	Maintenance	0	36	ENGINE SHUTDOWN DUE TO DETONATION.
02/06/2018	2340	0.0	Forced	Fuel Outage	129	20	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
02/12/2018	0904	0.0	Forced	Fuel Outage	97	34	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
02/16/2018	1135	0.0	Forced	Fuel Outage	68	58	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
02/19/2018	1300	0.0	Forced	Maintenance	0	56	FUEL SKID MAINTENANCE.
02/23/2018	0505	0.0	Forced	Maintenance	2	0	FUEL SKID MAINTENANCE.
02/23/2018	0815	0.0	Forced	Maintenance	4	53	FUEL SKID MAINTENANCE.
02/27/2018	0519	0.0	Forced	Maintenance	2	5	ENGINE SHUTDOWN DUE TO DETONATION.
03/04/2018	0038	0.0	Forced	Maintenance	8	16	ENGINE SHUTDOWN DUE TO DETONATION.
03/04/2018	0942	0.0	Forced	Maintenance	6	27	ENGINE SHUTDOWN DUE TO DETONATION.
03/07/2018	1013	0.0	Forced	Maintenance	25	44	ENGINE MAINTENANCE.
03/18/2018	1306	0.0	Forced	Maintenance	28	11	ELECTRICAL MAINTENANCE.
03/20/2018	0810	0.0	Forced	Fuel Outage	1	5	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
03/20/2018	0943	0.0	Forced	Maintenance	0	56	ENGINE SHUTDOWN DUE TO DETONATION.

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#### Pendleton Co. Landfill

	Time	Available	Forced or		A	ctual	
Date	Off/On	MW	Scheduled	Status	Hours	Minutes	Cause or Reason
04/02/2018	0735	0.0	Forced	Fuel Outage	2	8	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
04/02/2018	1014	0.0	Forced	Fuel Outage	25	38	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
04/04/2018	0630	0.0	Forced	Fuel Outage	6	42	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
04/18/2018	0900	0.0	Scheduled	Maintenance	3	41	ENGINE MAINTENANCE.

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East Kentucky Power

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#### **Glasgow Landfill Gas**

<u>Unit 001</u>							
	Time	Available	Forced or		A	ctual	
Date	Off/On	MW	Scheduled	Status	Hours	Minutes	Cause or Reason
11/20/2017	0900	0.0	Scheduled	Maintenance	3	40	ENGINE MAINTENANCE.
12/06/2017	0900	0.0	Scheduled	Maintenance	3	0	ENGINE MAINTENANCE.
12/12/2017	2326	0.0	Forced	Maintenance	11	34	CONDENSATE SYSTEM MAINTENANCE.
12/13/2017	1145	0.0	Forced	Maintenance	1	45	CONDENSATE SYSTEM MAINTENANCE.
12/13/2017	1545	0.0	Forced	Maintenance	0	25	CONDENSATE SYSTEM MAINTENANCE.
12/14/2017	0445	0.0	Forced	Maintenance	3	55	CONDENSATE SYSTEM MAINTENANCE.
12/14/2017	0930	0.0	Forced	Maintenance	1	30	CONDENSATE SYSTEM MAINTENANCE.
12/28/2017	0515	0.0	Forced	Fuel Outage	5	20	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
12/31/2017	0950	0.0	Forced	Fuel Outage	14	10	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
01/01/2018	0000	0.0	Forced	Maintenance	59	0	FUEL SKID MAINTENANCE.
01/09/2018	1100	0.0	Scheduled	Maintenance	0	45	ENGINE MAINTENANCE.
02/02/2018	1535	0.0	Forced	Maintenance	2	45	FUEL SKID MAINTENANCE.
02/05/2018	0900	0.0	Forced	Maintenance	2	25	GENERATOR PROTECTIVE RELAY FAULT.
02/14/2018	0600	0.0	Scheduled	Maintenance	27	15	ENGINE MAINTENANCE.
02/19/2018	1705	0.0	Forced	Fuel Outage	2	15	RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY.
02/20/2018	0100	0.0	Forced	Maintenance	8	0	GENERATOR PROTECTIVE RELAY FAULT.
02/20/2018	1100	0.0	Scheduled	Maintenance	0	40	ENGINE MAINTENANCE.
02/21/2018	0400	0.0	Forced	Maintenance	4	20	GENERATOR PROTECTIVE RELAY FAULT.
02/23/2018	1800	0.0	Forced	Maintenance	2	0	UTILITY BREAKER 52U OPERATION CAUSED BY STORMS.
03/07/2018	0620	0.0	Forced	Maintenance	7	30	ENGINE MAINTENANCE.
03/07/2018	1430	0.0	Scheduled	Maintenance	0	10	ENGINE MAINTENANCE.
03/07/2018	1450	0.0	Scheduled	Maintenance	0	10	ENGINE MAINTENANCE.
03/07/2018	1600	0.0	Scheduled	Maintenance	1	30	ENGINE MAINTENANCE.
03/08/2018	0700	0.0	Scheduled	Maintenance	1	30	ENGINE MAINTENANCE.
03/08/2018	0835	0.0	Forced	Maintenance	0	10	ENGINE MAINTENANCE.
03/08/2018	0900	0.0	Forced	Maintenance	1	0	ENGINE MAINTENANCE.
03/08/2018	1420	0.0	Scheduled	Maintenance	1	10	ENGINE MAINTENANCE.
03/11/2018	1315	0.0	Forced	Maintenance	2	55	GENERATOR PROTECTIVE RELAY FAULT.
03/11/2018	1825	0.0	Forced	Maintenance	16	0	GENERATOR PROTECTIVE RELAY FAULT.
03/13/2018	0305	0.0	Forced	Maintenance	9	30	GENERATOR PROTECTIVE RELAY FAULT.
03/13/2018	1735	0.0	Forced	Maintenance	2	30	GENERATOR PROTECTIVE RELAY FAULT.
03/15/2018	0950	0.0	Scheduled	Maintenance	0	50	ENGINE MAINTENANCE.
03/15/2018	1105	0.0	Forced	Maintenance	121	45	ENGINE MAINTENANCE.
03/22/2018	1320	0.0	Forced	Maintenance	3	5	GENERATOR PROTECTIVE RELAY FAULT.
03/28/2018	1745	0.0	Forced	Maintenance	19	50	ENGINE MAINTENANCE.
03/29/2018	1905	0.0	Forced	Maintenance	52	55	ENGINE MAINTENANCE.
04/01/2018	0000	0.0	Forced	Maintenance	61	40	ENGINE MAINTENANCE.
04/03/2018	1705	0.0	Forced	Maintenance	17	25	ENGINE MAINTENANCE.
04/04/2018	1435	0.0	Scheduled	Maintenance	1	0	ENGINE MAINTENANCE.
04/06/2018	0805	0.0	Forced	Maintenance	2	45	ENGINE MAINTENANCE.

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#### **Glasgow Landfill Gas**

	Time	Available	Forced or		A	etual	
Date	Off/On	MW	Scheduled	Status	Hours	Minutes	Cause or Reason
04/10/2018	1030	0.0	Scheduled	Maintenance	1	40	ENGINE MAINTENANCE.
04/10/2018	1310	0.0	Scheduled	Maintenance	0	35	ENGINE MAINTENANCE.
04/10/2018	1445	0.0	Scheduled	Maintenance	1	45	ENGINE MAINTENANCE.
04/10/2018	1750	0.0	Scheduled	Maintenance	1	0	ENGINE MAINTENANCE.
04/11/2018	1020	0.0	Scheduled	Maintenance	0	55	ENGINE MAINTENANCE.
04/11/2018	1200	0.0	Scheduled	Maintenance	0	20	ENGINE MAINTENANCE.
04/11/2018	1415	0.0	Scheduled	Maintenance	0	30	ENGINE MAINTENANCE.
04/20/2018	0900	0.0	Scheduled	Maintenance	5	30	ENGINE MAINTENANCE.
04/24/2018	1000	0.0	Scheduled	Maintenance	2	40	GENERATOR PROTECTIVE RELAY FAULT.
04/25/2018	0900	0.0	Forced	Maintenance	2	0	ENGINE MAINTENANCE.
04/25/2018	1555	0.0	Forced	Maintenance	0	5	ENGINE SHUTDOWN DUE TO DETONATION.
04/25/2018	2100	0.0	Forced	Maintenance	9	10	GENERATOR PROTECTIVE RELAY FAULT.
04/26/2018	1610	0.0	Forced	Maintenance	0	50	GENERATOR PROTECTIVE RELAY FAULT.
04/28/2018	0140	0.0	Forced	Maintenance	6	5	GENERATOR PROTECTIVE RELAY FAULT.
04/28/2018	0925	0.0	Forced	Maintenance	0	25	GENERATOR PROTECTIVE RELAY FAULT.
04/28/2018	1700	0.0	Forced	Maintenance	2	5	GENERATOR PROTECTIVE RELAY FAULT.
04/28/2018	2255	0.0	Forced	Maintenance	13	35	GENERATOR PROTECTIVE RELAY FAULT.
04/29/2018	1815	0.0	Forced	Maintenance	18	0	ENGINE MAINTENANCE.

# PSC CASE NO. 2018-00217 FUEL ADJUSTMENT CLAUSE RESPONSE TO INFORMATION REQUEST

## COMMISSION STAFF'S INFORMATION REQUEST DATED 08/10/18 REQUEST 16

RESPONSIBLE PARTY: Craig A. Johnson

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

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

Unit	Year	Month	Net Capacity Factor
Bluegrass No. 1	2017	11	2.12%
Bluegrass No. 1	2017	12	0.00%
Bluegrass No. 1	2018	1	6.04%
Bluegrass No. 1	2018	2	0.00%
Bluegrass No. 1	2018	3	0.17%
Bluegrass No. 1	2018	4	0.00%
3			
Bluegrass No. 2	2017	11	0.61%
Bluegrass No. 2	2017	12	0.00%
Bluegrass No. 2	2018	1	7.58%
Bluegrass No. 2	2018	2	0.00%
Bluegrass No. 2	2018	3	0.23%
Bluegrass No. 2	2018	4	0.00%
5			
Bluegrass No. 3	2017	11	3.83%
Bluegrass No. 3	2017	12	0.34%
Bluegrass No. 3	2018	1	4.12%
Bluegrass No. 3	2018	2	0.00%
Bluegrass No. 3	2018	3	3.25%
Bluegrass No. 3	2018	4	1.92%
Cooper Unit No. 1	2017	11	4.00%
Cooper Unit No. 1	2017	12	37.11%
Cooper Unit No. 1	2018	1	62.43%
Cooper Unit No. 1	2018	2	14.68%
Cooper Unit No. 1	2018	3	-0.72%
Cooper Unit No. 1	2018	4	-0.69%
Cooper Unit No. 2	2017	11	-0.85%
Cooper Unit No. 2	2017	12	21.12%
Cooper Unit No. 2	2018	1	54.26%
Cooper Unit No. 2	2018	2	18.30%
Cooper Unit No. 2	2018	3	-0.64%
Cooper Unit No. 2	2018	4	-0.55%
JK Smith Unit No. 1	2017	11	0.56%
JK Smith Unit No. 1	2017	12	0.62%
JK Smith Unit No. 1	2018	1	13.49%
JK Smith Unit No. 1	2018	2	0.80%
JK Smith Unit No. 1	2018	3	-0.10%
JK Smith Unit No. 1	2018	4	0.35%

Unit	Year	Month	<b>Net Capacity Factor</b>
JK Smith Unit No. 2	2017	11	0.26%
JK Smith Unit No. 2	2017	12	0.52%
JK Smith Unit No. 2	2018	1	16.34%
JK Smith Unit No. 2	2018	2	1.17%
JK Smith Unit No. 2	2018	3	-0.10%
JK Smith Unit No. 2	2018	4	0.33%
JK Smith Unit No. 3	2017	11	0.26%
JK Smith Unit No. 3	2017	12	0.66%
JK Smith Unit No. 3	2018	1	15.68%
JK Smith Unit No. 3	2018	2	0.50%
JK Smith Unit No. 3	2018	3	-0.11%
JK Smith Unit No. 3	2018	4	0.36%
JK Smith Unit No. 4	2017	11	1.68%
JK Smith Unit No. 4	2017	12	2.01%
JK Smith Unit No. 4	2018	1	27.37%
JK Smith Unit No. 4	2018	2	-0.19%
JK Smith Unit No. 4	2018	3	0.82%
JK Smith Unit No. 4	2018	4	1.91%
JK Smith Unit No. 5	2017	11	3.06%
JK Smith Unit No. 5	2017	12	2.20%
JK Smith Unit No. 5	2018	1	27.79%
JK Smith Unit No. 5	2018	2	-0.19%
JK Smith Unit No. 5	2018	3	0.83%
JK Smith Unit No. 5	2018	4	2.04%
JK Smith Unit No. 6	2017	11	1.31%
JK Smith Unit No. 6	2017	12	2.90%
JK Smith Unit No. 6	2018	1	27.82%
JK Smith Unit No. 6	2018	2	-0.06%
JK Smith Unit No. 6	2018	3	1.04%
JK Smith Unit No. 6	2018	4	3.22%
JK Smith Unit No. 7	2017	11	2.04%
JK Smith Unit No. 7	2017	12	2.34%
JK Smith Unit No. 7	2018	1	29.37%
JK Smith Unit No. 7	2018	2	-0.09%
JK Smith Unit No. 7	2018	3	0.98%
JK Smith Unit No. 7	2018	4	3.09%

Unit         Vear         Month         Net Capacity Factor           JK Smith Unit No. 9         2017         11         0.69%           JK Smith Unit No. 9         2017         12         3.12%           JK Smith Unit No. 9         2018         1         22.83%           JK Smith Unit No. 9         2018         2         -0.22%           JK Smith Unit No. 9         2018         3         1.14%           JK Smith Unit No. 9         2018         4         4.54%           JK Smith Unit No. 10         2017         11         1.20%           JK Smith Unit No. 10         2017         12         3.27%           JK Smith Unit No. 10         2018         1         24.61%           JK Smith Unit No. 10         2018         2         0.67%           JK Smith Unit No. 10         2018         3         1.34%           JK Smith Unit No. 10         2018         4         2.61%           JK Smith Unit No. 10         2018         3         1.34%           JK Smith Unit No. 10         2018         4         2.61%           JK Smith Unit No. 1         2018         3         1.34%           JK Smith Unit No. 1         2018         4         2.61% </th
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JK Smith Unit No. 9       2018       3       1.14%         JK Smith Unit No. 9       2018       4       4.54%         JK Smith Unit No. 10       2017       11       1.20%         JK Smith Unit No. 10       2018       1       24.61%         JK Smith Unit No. 10       2018       2       0.67%         JK Smith Unit No. 10       2018       3       1.34%         JK Smith Unit No. 10       2018       4       2.61%         Spurlock Unit No. 1       2017       11       75.21%         Spurlock Unit No. 1       2017       12       32.71%         Spurlock Unit No. 1       2018       1       83.78%         Spurlock Unit No. 1       2018       2       75.15%         Spurlock Unit No. 1       2018       3       47.40%         Spurlock Unit No. 1       2018       3       47.40%         Spurlock Unit No. 2       2017       11       1.12%         Spurlock Unit No. 2       2017       12       78.87%         Spurlock Unit No. 2       2018       1       40.47%         Spurlock Unit No. 2       2018       2       79.51%         Spurlock Unit No. 3       2017       11       78.67% </td
UK Smith Unit No. 10  UK Spurlock Unit No. 1  UK Smith Unit No. 1  U
UK Smith Unit No. 10  UK Spurlock Unit No. 1  UK Spurlock Unit No. 2  UK Spurlock Unit No. 3  UK Smith Unit No. 1  UK Smith Unit No. 10  U
JK Smith Unit No. 10  JK Smith Unit No. 1  JK Smith Unit No. 2  JK Smith Unit No. 3  JK Smith Unit No. 1  JK Smith
JK Smith Unit No. 10  JK Smith Unit No. 1  JK Smith Unit No. 2  JK Smith Unit No. 3  JK Smith Unit No. 1  JK Smith
JK Smith Unit No. 10       2018       1       24.61%         JK Smith Unit No. 10       2018       2       0.67%         JK Smith Unit No. 10       2018       3       1.34%         JK Smith Unit No. 10       2018       4       2.61%         Spurlock Unit No. 1       2017       11       75.21%         Spurlock Unit No. 1       2018       1       83.78%         Spurlock Unit No. 1       2018       2       75.15%         Spurlock Unit No. 1       2018       3       47.40%         Spurlock Unit No. 1       2018       3       47.40%         Spurlock Unit No. 2       2017       11       1.12%         Spurlock Unit No. 2       2017       12       78.87%         Spurlock Unit No. 2       2018       1       40.47%         Spurlock Unit No. 2       2018       2       79.51%         Spurlock Unit No. 2       2018       3       82.21%         Spurlock Unit No. 2       2018       4       81.45%         Spurlock Unit No. 3       2017       11       78.67%         Spurlock Unit No. 3       2017
JK Smith Unit No. 10       2018       2       0.67%         JK Smith Unit No. 10       2018       3       1.34%         JK Smith Unit No. 10       2018       4       2.61%         Spurlock Unit No. 1       2017       11       75.21%         Spurlock Unit No. 1       2018       1       83.78%         Spurlock Unit No. 1       2018       2       75.15%         Spurlock Unit No. 1       2018       3       47.40%         Spurlock Unit No. 1       2018       4       44.41%         Spurlock Unit No. 2       2017       11       1.12%         Spurlock Unit No. 2       2017       12       78.87%         Spurlock Unit No. 2       2018       1       40.47%         Spurlock Unit No. 2       2018       2       79.51%         Spurlock Unit No. 2       2018       3       82.21%         Spurlock Unit No. 2       2018       4       81.45%         Spurlock Unit No. 3       2017       11       78.67%         Spurlock Unit No. 3       2017       12       92.61%
JK Smith Unit No. 10       2018       3       1.34%         JK Smith Unit No. 10       2018       4       2.61%         Spurlock Unit No. 1       2017       11       75.21%         Spurlock Unit No. 1       2018       1       83.78%         Spurlock Unit No. 1       2018       2       75.15%         Spurlock Unit No. 1       2018       3       47.40%         Spurlock Unit No. 1       2018       3       47.40%         Spurlock Unit No. 2       2017       11       1.12%         Spurlock Unit No. 2       2017       12       78.87%         Spurlock Unit No. 2       2018       1       40.47%         Spurlock Unit No. 2       2018       2       79.51%         Spurlock Unit No. 2       2018       3       82.21%         Spurlock Unit No. 2       2018       4       81.45%         Spurlock Unit No. 3       2017       11       78.67%         Spurlock Unit No. 3       2017       12       92.61%
Spurlock Unit No. 1 2017 11 75.21% Spurlock Unit No. 1 2017 12 32.71% Spurlock Unit No. 1 2018 1 83.78% Spurlock Unit No. 1 2018 2 75.15% Spurlock Unit No. 1 2018 3 47.40% Spurlock Unit No. 1 2018 4 44.41%  Spurlock Unit No. 2 2017 11 1.12% Spurlock Unit No. 2 2017 12 78.87% Spurlock Unit No. 2 2018 1 40.47% Spurlock Unit No. 2 2018 2 79.51% Spurlock Unit No. 2 2018 3 82.21% Spurlock Unit No. 2 2018 4 81.45% Spurlock Unit No. 2 2018 4 81.45% Spurlock Unit No. 2 2018 4 81.45% Spurlock Unit No. 3 2017 11 78.67% Spurlock Unit No. 3 2017 12 92.61%
Spurlock Unit No. 1 2017 11 75.21% Spurlock Unit No. 1 2017 12 32.71% Spurlock Unit No. 1 2018 1 83.78% Spurlock Unit No. 1 2018 2 75.15% Spurlock Unit No. 1 2018 3 47.40% Spurlock Unit No. 1 2018 4 44.41%  Spurlock Unit No. 2 2017 11 1.12% Spurlock Unit No. 2 2017 12 78.87% Spurlock Unit No. 2 2018 1 40.47% Spurlock Unit No. 2 2018 2 79.51% Spurlock Unit No. 2 2018 3 82.21% Spurlock Unit No. 2 2018 4 81.45% Spurlock Unit No. 2 2018 4 81.45% Spurlock Unit No. 3 2017 11 78.67% Spurlock Unit No. 3 2017 12 92.61%
Spurlock Unit No. 1  Spurlock Unit No. 2  Spurlock Unit No. 3
Spurlock Unit No. 1       2018       1       83.78%         Spurlock Unit No. 1       2018       2       75.15%         Spurlock Unit No. 1       2018       3       47.40%         Spurlock Unit No. 1       2018       4       44.41%         Spurlock Unit No. 2       2017       11       1.12%         Spurlock Unit No. 2       2018       1       40.47%         Spurlock Unit No. 2       2018       2       79.51%         Spurlock Unit No. 2       2018       3       82.21%         Spurlock Unit No. 2       2018       4       81.45%         Spurlock Unit No. 3       2017       11       78.67%         Spurlock Unit No. 3       2017       12       92.61%
Spurlock Unit No. 1  Spurlock Unit No. 2  Spurlock Unit No. 3
Spurlock Unit No. 1       2018       3       47.40%         Spurlock Unit No. 1       2018       4       44.41%         Spurlock Unit No. 2       2017       11       1.12%         Spurlock Unit No. 2       2017       12       78.87%         Spurlock Unit No. 2       2018       1       40.47%         Spurlock Unit No. 2       2018       2       79.51%         Spurlock Unit No. 2       2018       3       82.21%         Spurlock Unit No. 2       2018       4       81.45%         Spurlock Unit No. 3       2017       11       78.67%         Spurlock Unit No. 3       2017       12       92.61%
Spurlock Unit No. 1 2018 4 44.41%  Spurlock Unit No. 2 2017 11 1.12%  Spurlock Unit No. 2 2017 12 78.87%  Spurlock Unit No. 2 2018 1 40.47%  Spurlock Unit No. 2 2018 2 79.51%  Spurlock Unit No. 2 2018 3 82.21%  Spurlock Unit No. 2 2018 4 81.45%  Spurlock Unit No. 3 2017 11 78.67%  Spurlock Unit No. 3 2017 12 92.61%
Spurlock Unit No. 2 2017 11 1.12%  Spurlock Unit No. 2 2017 12 78.87%  Spurlock Unit No. 2 2018 1 40.47%  Spurlock Unit No. 2 2018 2 79.51%  Spurlock Unit No. 2 2018 3 82.21%  Spurlock Unit No. 2 2018 4 81.45%  Spurlock Unit No. 3 2017 11 78.67%  Spurlock Unit No. 3 2017 12 92.61%
Spurlock Unit No. 2       2017       12       78.87%         Spurlock Unit No. 2       2018       1       40.47%         Spurlock Unit No. 2       2018       2       79.51%         Spurlock Unit No. 2       2018       3       82.21%         Spurlock Unit No. 2       2018       4       81.45%         Spurlock Unit No. 3       2017       11       78.67%         Spurlock Unit No. 3       2017       12       92.61%
Spurlock Unit No. 2       2017       12       78.87%         Spurlock Unit No. 2       2018       1       40.47%         Spurlock Unit No. 2       2018       2       79.51%         Spurlock Unit No. 2       2018       3       82.21%         Spurlock Unit No. 2       2018       4       81.45%         Spurlock Unit No. 3       2017       11       78.67%         Spurlock Unit No. 3       2017       12       92.61%
Spurlock Unit No. 2       2018       1       40.47%         Spurlock Unit No. 2       2018       2       79.51%         Spurlock Unit No. 2       2018       3       82.21%         Spurlock Unit No. 2       2018       4       81.45%         Spurlock Unit No. 3       2017       11       78.67%         Spurlock Unit No. 3       2017       12       92.61%
Spurlock Unit No. 2 2018 2 79.51%  Spurlock Unit No. 2 2018 3 82.21%  Spurlock Unit No. 2 2018 4 81.45%  Spurlock Unit No. 3 2017 11 78.67%  Spurlock Unit No. 3 2017 12 92.61%
Spurlock Unit No. 2 2018 3 82.21% Spurlock Unit No. 2 2018 4 81.45%  Spurlock Unit No. 3 2017 11 78.67% Spurlock Unit No. 3 2017 12 92.61%
Spurlock Unit No. 2 2018 4 81.45%  Spurlock Unit No. 3 2017 11 78.67%  Spurlock Unit No. 3 2017 12 92.61%
Spurlock Unit No. 3 2017 11 78.67% Spurlock Unit No. 3 2017 12 92.61%
Spurlock Unit No. 3 2017 12 92.61%
Spurlock Unit No. 3 2017 12 92.61%
Spurlock Unit No. 3 2018 1 89.08%
Spurlock Unit No. 3 2018 2 47.59%
Spurlock Unit No. 3 2018 3 77.05%
Spurlock Unit No. 3 2018 4 57.60%
Spurlock Unit No. 4 2017 11 40.70%
Spurlock Unit No. 4 2017 12 56.56%
Spurlock Unit No. 4 2018 1 86.62%
Spurlock Unit No. 4 2018 2 38.21%
Spurlock Unit No. 4 2018 3 -2.20%
Spurlock Unit No. 4 2018 4 31.52%

Bavarian Landfill Unit No. 1   2017   11   0.84%	Unit	Year	Month	Net Capacity Factor
Bavarian Landfill Unit No. 1   2018   1   0.71%	Bavarian Landfill Unit No. 1	2017	11	0.84%
Bavarian Landfill Unit No. 1   2018   2   0.81%	Bavarian Landfill Unit No. 1	2017	12	0.87%
Bavarian Landfill Unit No. 1   2018   3   1.02%	Bavarian Landfill Unit No. 1	2018	1	0.71%
Bavarian Landfill Unit No. 1   2018   4   0.98%	Bavarian Landfill Unit No. 1	2018	2	0.81%
Bavarian Landfill Unit No. 2 2017 11 87.84% Bavarian Landfill Unit No. 2 2017 12 91.23% Bavarian Landfill Unit No. 2 2018 1 77.79% Bavarian Landfill Unit No. 2 2018 2 82.81% Bavarian Landfill Unit No. 2 2018 3 84.30% Bavarian Landfill Unit No. 2 2018 4 72.32%  Bavarian Landfill Unit No. 3 2017 11 69.92% Bavarian Landfill Unit No. 3 2017 12 75.95% Bavarian Landfill Unit No. 3 2018 1 65.31% Bavarian Landfill Unit No. 3 2018 2 76.52% Bavarian Landfill Unit No. 3 2018 3 98.46% Bavarian Landfill Unit No. 3 2018 4 92.73%  Bavarian Landfill Unit No. 4 2018 4 92.73%  Bavarian Landfill Unit No. 4 2017 11 89.43% Bavarian Landfill Unit No. 4 2018 1 90.95% Bavarian Landfill Unit No. 4 2018 1 90.95% Bavarian Landfill Unit No. 4 2018 2 94.97% Bavarian Landfill Unit No. 4 2018 3 99.62% Bavarian Landfill Unit No. 4 2018 1 94.64%  Bavarian Landfill Unit No. 5 2017 12 64.08% Bavarian Landfill Unit No. 5 2018 1 54.97% Bavarian Landfill Unit No. 5 2018 2 94.88% Bavarian Landfill Unit No. 5 2018 3 80.22% Bavarian Landfill Unit No. 5 2018 4 70.66%  Glasgow Landfill Unit No. 1 2017 11 98.28% Glasgow Landfill Unit No. 1 2017 12 89.22%	Bavarian Landfill Unit No. 1	2018	3	1.02%
Bavarian Landfill Unit No. 2 2017 12 91.23% Bavarian Landfill Unit No. 2 2018 1 77.79% Bavarian Landfill Unit No. 2 2018 2 82.81% Bavarian Landfill Unit No. 2 2018 3 84.30% Bavarian Landfill Unit No. 2 2018 4 72.32%  Bavarian Landfill Unit No. 3 2017 11 69.92% Bavarian Landfill Unit No. 3 2017 12 75.95% Bavarian Landfill Unit No. 3 2018 1 65.31% Bavarian Landfill Unit No. 3 2018 2 76.52% Bavarian Landfill Unit No. 3 2018 3 98.46% Bavarian Landfill Unit No. 3 2018 4 92.73%  Bavarian Landfill Unit No. 4 2018 4 92.73%  Bavarian Landfill Unit No. 4 2017 12 92.29% Bavarian Landfill Unit No. 4 2018 1 90.95% Bavarian Landfill Unit No. 4 2018 2 94.97% Bavarian Landfill Unit No. 4 2018 3 99.62% Bavarian Landfill Unit No. 4 2018 3 99.62% Bavarian Landfill Unit No. 4 2018 4 94.64%  Bavarian Landfill Unit No. 5 2017 11 61.97% Bavarian Landfill Unit No. 5 2018 1 54.97% Bavarian Landfill Unit No. 5 2018 2 94.88% Bavarian Landfill Unit No. 5 2018 3 80.22% Bavarian Landfill Unit No. 5 2018 4 70.66%  Glasgow Landfill Unit No. 1 2017 11 98.28% Glasgow Landfill Unit No. 1 2017 12 89.22%	Bavarian Landfill Unit No. 1	2018	4	0.98%
Bavarian Landfill Unit No. 2 2017 12 91.23% Bavarian Landfill Unit No. 2 2018 1 77.79% Bavarian Landfill Unit No. 2 2018 2 82.81% Bavarian Landfill Unit No. 2 2018 3 84.30% Bavarian Landfill Unit No. 2 2018 4 72.32%  Bavarian Landfill Unit No. 3 2017 11 69.92% Bavarian Landfill Unit No. 3 2017 12 75.95% Bavarian Landfill Unit No. 3 2018 1 65.31% Bavarian Landfill Unit No. 3 2018 2 76.52% Bavarian Landfill Unit No. 3 2018 3 98.46% Bavarian Landfill Unit No. 3 2018 4 92.73%  Bavarian Landfill Unit No. 4 2018 4 92.73%  Bavarian Landfill Unit No. 4 2017 12 92.29% Bavarian Landfill Unit No. 4 2018 1 90.95% Bavarian Landfill Unit No. 4 2018 2 94.97% Bavarian Landfill Unit No. 4 2018 3 99.62% Bavarian Landfill Unit No. 4 2018 3 99.62% Bavarian Landfill Unit No. 4 2018 4 94.64%  Bavarian Landfill Unit No. 5 2017 11 61.97% Bavarian Landfill Unit No. 5 2018 1 54.97% Bavarian Landfill Unit No. 5 2018 2 94.88% Bavarian Landfill Unit No. 5 2018 3 80.22% Bavarian Landfill Unit No. 5 2018 4 70.66%  Glasgow Landfill Unit No. 1 2017 11 98.28% Glasgow Landfill Unit No. 1 2017 12 89.22%				
Bavarian Landfill Unit No. 2   2018   1   77.79%	Bavarian Landfill Unit No. 2	2017	11	87.84%
Bavarian Landfill Unit No. 2 2018 2 82.81% Bavarian Landfill Unit No. 2 2018 3 84.30% Bavarian Landfill Unit No. 2 2018 4 72.32%  Bavarian Landfill Unit No. 3 2017 11 69.92% Bavarian Landfill Unit No. 3 2017 12 75.95% Bavarian Landfill Unit No. 3 2018 1 65.31% Bavarian Landfill Unit No. 3 2018 2 76.52% Bavarian Landfill Unit No. 3 2018 3 98.46% Bavarian Landfill Unit No. 3 2018 4 92.73%  Bavarian Landfill Unit No. 4 2017 11 89.43% Bavarian Landfill Unit No. 4 2017 12 92.29% Bavarian Landfill Unit No. 4 2018 1 90.95% Bavarian Landfill Unit No. 4 2018 2 94.97% Bavarian Landfill Unit No. 4 2018 3 99.62% Bavarian Landfill Unit No. 4 2018 4 94.64%  Bavarian Landfill Unit No. 5 2017 11 61.97% Bavarian Landfill Unit No. 5 2018 1 54.97% Bavarian Landfill Unit No. 5 2018 1 54.97% Bavarian Landfill Unit No. 5 2018 2 94.88% Bavarian Landfill Unit No. 5 2018 3 80.22% Bavarian Landfill Unit No. 5 2018 4 70.66%  Glasgow Landfill Unit No. 1 2017 11 98.28% Glasgow Landfill Unit No. 1 2017 12 89.22%	Bavarian Landfill Unit No. 2	2017	12	91.23%
Bavarian Landfill Unit No. 2 2018 3 84.30%  Bavarian Landfill Unit No. 2 2018 4 72.32%  Bavarian Landfill Unit No. 3 2017 11 69.92%  Bavarian Landfill Unit No. 3 2017 12 75.95%  Bavarian Landfill Unit No. 3 2018 1 65.31%  Bavarian Landfill Unit No. 3 2018 2 76.52%  Bavarian Landfill Unit No. 3 2018 3 98.46%  Bavarian Landfill Unit No. 3 2018 4 92.73%  Bavarian Landfill Unit No. 4 2017 11 89.43%  Bavarian Landfill Unit No. 4 2017 12 92.29%  Bavarian Landfill Unit No. 4 2018 1 90.95%  Bavarian Landfill Unit No. 4 2018 2 94.97%  Bavarian Landfill Unit No. 4 2018 3 99.62%  Bavarian Landfill Unit No. 4 2018 4 94.64%  Bavarian Landfill Unit No. 5 2017 11 61.97%  Bavarian Landfill Unit No. 5 2018 1 54.97%  Bavarian Landfill Unit No. 5 2018 2 94.88%  Bavarian Landfill Unit No. 5 2018 3 80.22%  Bavarian Landfill Unit No. 5 2018 4 70.66%  Glasgow Landfill Unit No. 1 2017 11 98.28%  Glasgow Landfill Unit No. 1 2017 12 89.22%	Bavarian Landfill Unit No. 2	2018	1	77.79%
Bavarian Landfill Unit No. 2 2018 4 72.32%  Bavarian Landfill Unit No. 3 2017 11 69.92%  Bavarian Landfill Unit No. 3 2017 12 75.95%  Bavarian Landfill Unit No. 3 2018 1 65.31%  Bavarian Landfill Unit No. 3 2018 2 76.52%  Bavarian Landfill Unit No. 3 2018 3 98.46%  Bavarian Landfill Unit No. 3 2018 4 92.73%  Bavarian Landfill Unit No. 4 2017 11 89.43%  Bavarian Landfill Unit No. 4 2017 12 92.29%  Bavarian Landfill Unit No. 4 2018 1 90.95%  Bavarian Landfill Unit No. 4 2018 2 94.97%  Bavarian Landfill Unit No. 4 2018 3 99.62%  Bavarian Landfill Unit No. 4 2018 4 94.64%  Bavarian Landfill Unit No. 5 2017 11 61.97%  Bavarian Landfill Unit No. 5 2018 1 54.97%  Bavarian Landfill Unit No. 5 2018 2 94.88%  Bavarian Landfill Unit No. 5 2018 3 80.22%  Bavarian Landfill Unit No. 5 2018 4 70.66%  Glasgow Landfill Unit No. 1 2017 11 98.28%  Glasgow Landfill Unit No. 1 2017 12 89.22%	Bavarian Landfill Unit No. 2	2018	2	82.81%
Bavarian Landfill Unit No. 3 2017 11 69.92% Bavarian Landfill Unit No. 3 2018 1 65.31% Bavarian Landfill Unit No. 3 2018 2 76.52% Bavarian Landfill Unit No. 3 2018 3 98.46% Bavarian Landfill Unit No. 3 2018 4 92.73%  Bavarian Landfill Unit No. 4 2017 11 89.43% Bavarian Landfill Unit No. 4 2017 12 92.29% Bavarian Landfill Unit No. 4 2018 1 90.95% Bavarian Landfill Unit No. 4 2018 2 94.97% Bavarian Landfill Unit No. 4 2018 3 99.62% Bavarian Landfill Unit No. 4 2018 3 99.62% Bavarian Landfill Unit No. 4 2018 4 94.64%  Bavarian Landfill Unit No. 5 2017 11 61.97% Bavarian Landfill Unit No. 5 2018 1 54.97% Bavarian Landfill Unit No. 5 2018 2 94.88% Bavarian Landfill Unit No. 5 2018 3 80.22% Bavarian Landfill Unit No. 5 2018 4 70.66%  Glasgow Landfill Unit No. 1 2017 11 98.28% Glasgow Landfill Unit No. 1 2017 12 89.22%	Bavarian Landfill Unit No. 2	2018	3	84.30%
Bavarian Landfill Unit No. 3       2017       12       75.95%         Bavarian Landfill Unit No. 3       2018       1       65.31%         Bavarian Landfill Unit No. 3       2018       2       76.52%         Bavarian Landfill Unit No. 3       2018       3       98.46%         Bavarian Landfill Unit No. 3       2018       4       92.73%         Bavarian Landfill Unit No. 4       2017       11       89.43%         Bavarian Landfill Unit No. 4       2017       12       92.29%         Bavarian Landfill Unit No. 4       2018       1       90.95%         Bavarian Landfill Unit No. 4       2018       2       94.97%         Bavarian Landfill Unit No. 4       2018       3       99.62%         Bavarian Landfill Unit No. 5       2017       11       61.97%         Bavarian Landfill Unit No. 5       2017       12       64.08%         Bavarian Landfill Unit No. 5       2018       1       54.97%         Bavarian Landfill Unit No. 5       2018       2       94.88%         Bavarian Landfill Unit No. 5       2018       3       80.22%         Bavarian Landfill Unit No. 5       2018       3       80.22%         Bavarian Landfill Unit No. 5       2018	Bavarian Landfill Unit No. 2	2018	4	72.32%
Bavarian Landfill Unit No. 3         2017         12         75.95%           Bavarian Landfill Unit No. 3         2018         1         65.31%           Bavarian Landfill Unit No. 3         2018         2         76.52%           Bavarian Landfill Unit No. 3         2018         3         98.46%           Bavarian Landfill Unit No. 3         2018         4         92.73%           Bavarian Landfill Unit No. 4         2017         12         92.29%           Bavarian Landfill Unit No. 4         2018         1         90.95%           Bavarian Landfill Unit No. 4         2018         2         94.97%           Bavarian Landfill Unit No. 4         2018         3         99.62%           Bavarian Landfill Unit No. 4         2018         4         94.64%           Bavarian Landfill Unit No. 5         2017         11         61.97%           Bavarian Landfill Unit No. 5         2017         12         64.08%           Bavarian Landfill Unit No. 5         2018         1         54.97%           Bavarian Landfill Unit No. 5         2018         2         94.88%           Bavarian Landfill Unit No. 5         2018         3         80.22%           Bavarian Landfill Unit No. 5         2018         3				
Bavarian Landfill Unit No. 3         2018         1         65.31%           Bavarian Landfill Unit No. 3         2018         2         76.52%           Bavarian Landfill Unit No. 3         2018         3         98.46%           Bavarian Landfill Unit No. 3         2018         4         92.73%           Bavarian Landfill Unit No. 4         2017         11         89.43%           Bavarian Landfill Unit No. 4         2017         12         92.29%           Bavarian Landfill Unit No. 4         2018         1         90.95%           Bavarian Landfill Unit No. 4         2018         2         94.97%           Bavarian Landfill Unit No. 4         2018         3         99.62%           Bavarian Landfill Unit No. 4         2018         4         94.64%           Bavarian Landfill Unit No. 5         2017         11         61.97%           Bavarian Landfill Unit No. 5         2018         1         54.97%           Bavarian Landfill Unit No. 5         2018         2         94.88%           Bavarian Landfill Unit No. 5         2018         3         80.22%           Bavarian Landfill Unit No. 5         2018         3         80.22%           Bavarian Landfill Unit No. 5         2018         4<	Bavarian Landfill Unit No. 3	2017	11	69.92%
Bavarian Landfill Unit No. 3       2018       2       76.52%         Bavarian Landfill Unit No. 3       2018       3       98.46%         Bavarian Landfill Unit No. 3       2018       4       92.73%         Bavarian Landfill Unit No. 4       2017       11       89.43%         Bavarian Landfill Unit No. 4       2017       12       92.29%         Bavarian Landfill Unit No. 4       2018       1       90.95%         Bavarian Landfill Unit No. 4       2018       2       94.97%         Bavarian Landfill Unit No. 4       2018       3       99.62%         Bavarian Landfill Unit No. 5       2018       4       94.64%         Bavarian Landfill Unit No. 5       2017       11       61.97%         Bavarian Landfill Unit No. 5       2018       1       54.97%         Bavarian Landfill Unit No. 5       2018       2       94.88%         Bavarian Landfill Unit No. 5       2018       3       80.22%         Bavarian Landfill Unit No. 5       2018       3       80.22%         Bavarian Landfill Unit No. 5       2018       4       70.66%         Glasgow Landfill Unit No. 1       2017       11       98.28%         Glasgow Landfill Unit No. 1       2017       <	Bavarian Landfill Unit No. 3	2017	12	75.95%
Bavarian Landfill Unit No. 3       2018       3       98.46%         Bavarian Landfill Unit No. 3       2018       4       92.73%         Bavarian Landfill Unit No. 4       2017       11       89.43%         Bavarian Landfill Unit No. 4       2017       12       92.29%         Bavarian Landfill Unit No. 4       2018       1       90.95%         Bavarian Landfill Unit No. 4       2018       2       94.97%         Bavarian Landfill Unit No. 4       2018       3       99.62%         Bavarian Landfill Unit No. 5       2018       4       94.64%         Bavarian Landfill Unit No. 5       2017       11       61.97%         Bavarian Landfill Unit No. 5       2018       1       54.97%         Bavarian Landfill Unit No. 5       2018       2       94.88%         Bavarian Landfill Unit No. 5       2018       2       94.88%         Bavarian Landfill Unit No. 5       2018       3       80.22%         Bavarian Landfill Unit No. 5       2018       3       80.22%         Bavarian Landfill Unit No. 5       2018       3       80.22%         Bavarian Landfill Unit No. 5       2018       4       70.66%	Bavarian Landfill Unit No. 3	2018	1	65.31%
Bavarian Landfill Unit No. 3       2018       4       92.73%         Bavarian Landfill Unit No. 4       2017       11       89.43%         Bavarian Landfill Unit No. 4       2017       12       92.29%         Bavarian Landfill Unit No. 4       2018       1       90.95%         Bavarian Landfill Unit No. 4       2018       2       94.97%         Bavarian Landfill Unit No. 4       2018       3       99.62%         Bavarian Landfill Unit No. 5       2018       4       94.64%         Bavarian Landfill Unit No. 5       2017       11       61.97%         Bavarian Landfill Unit No. 5       2018       1       54.97%         Bavarian Landfill Unit No. 5       2018       2       94.88%         Bavarian Landfill Unit No. 5       2018       3       80.22%         Bavarian Landfill Unit No. 5       2018       3       80.22%         Bavarian Landfill Unit No. 5       2018       4       70.66%         Glasgow Landfill Unit No. 1       2017       11       98.28%         Glasgow Landfill Unit No. 1       2017       12       89.22%	Bavarian Landfill Unit No. 3	2018	2	76.52%
Bavarian Landfill Unit No. 4 2017 11 89.43%  Bavarian Landfill Unit No. 4 2017 12 92.29%  Bavarian Landfill Unit No. 4 2018 1 90.95%  Bavarian Landfill Unit No. 4 2018 2 94.97%  Bavarian Landfill Unit No. 4 2018 3 99.62%  Bavarian Landfill Unit No. 4 2018 4 94.64%  Bavarian Landfill Unit No. 5 2017 11 61.97%  Bavarian Landfill Unit No. 5 2017 12 64.08%  Bavarian Landfill Unit No. 5 2018 1 54.97%  Bavarian Landfill Unit No. 5 2018 2 94.88%  Bavarian Landfill Unit No. 5 2018 3 80.22%  Bavarian Landfill Unit No. 5 2018 4 70.66%  Glasgow Landfill Unit No. 1 2017 11 98.28%  Glasgow Landfill Unit No. 1 2017 12 89.22%	Bavarian Landfill Unit No. 3	2018	3	98.46%
Bavarian Landfill Unit No. 4       2017       12       92.29%         Bavarian Landfill Unit No. 4       2018       1       90.95%         Bavarian Landfill Unit No. 4       2018       2       94.97%         Bavarian Landfill Unit No. 4       2018       3       99.62%         Bavarian Landfill Unit No. 4       2018       4       94.64%         Bavarian Landfill Unit No. 5       2017       11       61.97%         Bavarian Landfill Unit No. 5       2018       1       54.97%         Bavarian Landfill Unit No. 5       2018       2       94.88%         Bavarian Landfill Unit No. 5       2018       3       80.22%         Bavarian Landfill Unit No. 5       2018       3       80.22%         Bavarian Landfill Unit No. 5       2018       4       70.66%         Glasgow Landfill Unit No. 1       2017       11       98.28%         Glasgow Landfill Unit No. 1       2017       12       89.22%	Bavarian Landfill Unit No. 3	2018	4	92.73%
Bavarian Landfill Unit No. 4       2017       12       92.29%         Bavarian Landfill Unit No. 4       2018       1       90.95%         Bavarian Landfill Unit No. 4       2018       2       94.97%         Bavarian Landfill Unit No. 4       2018       3       99.62%         Bavarian Landfill Unit No. 4       2018       4       94.64%         Bavarian Landfill Unit No. 5       2017       11       61.97%         Bavarian Landfill Unit No. 5       2018       1       54.97%         Bavarian Landfill Unit No. 5       2018       2       94.88%         Bavarian Landfill Unit No. 5       2018       3       80.22%         Bavarian Landfill Unit No. 5       2018       3       80.22%         Bavarian Landfill Unit No. 5       2018       4       70.66%         Glasgow Landfill Unit No. 1       2017       11       98.28%         Glasgow Landfill Unit No. 1       2017       12       89.22%				
Bavarian Landfill Unit No. 4       2018       1       90.95%         Bavarian Landfill Unit No. 4       2018       2       94.97%         Bavarian Landfill Unit No. 4       2018       3       99.62%         Bavarian Landfill Unit No. 4       2018       4       94.64%         Bavarian Landfill Unit No. 5       2017       11       61.97%         Bavarian Landfill Unit No. 5       2018       1       54.97%         Bavarian Landfill Unit No. 5       2018       2       94.88%         Bavarian Landfill Unit No. 5       2018       3       80.22%         Bavarian Landfill Unit No. 5       2018       3       80.22%         Bavarian Landfill Unit No. 1       2017       11       98.28%         Glasgow Landfill Unit No. 1       2017       12       89.22%	Bavarian Landfill Unit No. 4	2017	11	89.43%
Bavarian Landfill Unit No. 4       2018       2       94.97%         Bavarian Landfill Unit No. 4       2018       3       99.62%         Bavarian Landfill Unit No. 4       2018       4       94.64%         Bavarian Landfill Unit No. 5       2017       11       61.97%         Bavarian Landfill Unit No. 5       2018       1       54.97%         Bavarian Landfill Unit No. 5       2018       2       94.88%         Bavarian Landfill Unit No. 5       2018       3       80.22%         Bavarian Landfill Unit No. 5       2018       4       70.66%         Glasgow Landfill Unit No. 1       2017       11       98.28%         Glasgow Landfill Unit No. 1       2017       12       89.22%	Bavarian Landfill Unit No. 4	2017	12	92.29%
Bavarian Landfill Unit No. 4       2018       3       99.62%         Bavarian Landfill Unit No. 4       2018       4       94.64%         Bavarian Landfill Unit No. 5       2017       11       61.97%         Bavarian Landfill Unit No. 5       2017       12       64.08%         Bavarian Landfill Unit No. 5       2018       1       54.97%         Bavarian Landfill Unit No. 5       2018       2       94.88%         Bavarian Landfill Unit No. 5       2018       3       80.22%         Bavarian Landfill Unit No. 5       2018       4       70.66%         Glasgow Landfill Unit No. 1       2017       11       98.28%         Glasgow Landfill Unit No. 1       2017       12       89.22%	Bavarian Landfill Unit No. 4	2018	1	90.95%
Bavarian Landfill Unit No. 4       2018       4       94.64%         Bavarian Landfill Unit No. 5       2017       11       61.97%         Bavarian Landfill Unit No. 5       2017       12       64.08%         Bavarian Landfill Unit No. 5       2018       1       54.97%         Bavarian Landfill Unit No. 5       2018       2       94.88%         Bavarian Landfill Unit No. 5       2018       3       80.22%         Bavarian Landfill Unit No. 5       2018       4       70.66%         Glasgow Landfill Unit No. 1       2017       11       98.28%         Glasgow Landfill Unit No. 1       2017       12       89.22%	Bavarian Landfill Unit No. 4	2018	2	94.97%
Bavarian Landfill Unit No. 5 2017 11 61.97%  Bavarian Landfill Unit No. 5 2017 12 64.08%  Bavarian Landfill Unit No. 5 2018 1 54.97%  Bavarian Landfill Unit No. 5 2018 2 94.88%  Bavarian Landfill Unit No. 5 2018 3 80.22%  Bavarian Landfill Unit No. 5 2018 4 70.66%  Glasgow Landfill Unit No. 1 2017 11 98.28%  Glasgow Landfill Unit No. 1 2017 12 89.22%	Bavarian Landfill Unit No. 4	2018	3	99.62%
Bavarian Landfill Unit No. 5       2017       12       64.08%         Bavarian Landfill Unit No. 5       2018       1       54.97%         Bavarian Landfill Unit No. 5       2018       2       94.88%         Bavarian Landfill Unit No. 5       2018       3       80.22%         Bavarian Landfill Unit No. 5       2018       4       70.66%         Glasgow Landfill Unit No. 1       2017       11       98.28%         Glasgow Landfill Unit No. 1       2017       12       89.22%	Bavarian Landfill Unit No. 4	2018	4	94.64%
Bavarian Landfill Unit No. 5       2017       12       64.08%         Bavarian Landfill Unit No. 5       2018       1       54.97%         Bavarian Landfill Unit No. 5       2018       2       94.88%         Bavarian Landfill Unit No. 5       2018       3       80.22%         Bavarian Landfill Unit No. 5       2018       4       70.66%         Glasgow Landfill Unit No. 1       2017       11       98.28%         Glasgow Landfill Unit No. 1       2017       12       89.22%				
Bavarian Landfill Unit No. 5       2018       1       54.97%         Bavarian Landfill Unit No. 5       2018       2       94.88%         Bavarian Landfill Unit No. 5       2018       3       80.22%         Bavarian Landfill Unit No. 5       2018       4       70.66%         Glasgow Landfill Unit No. 1       2017       11       98.28%         Glasgow Landfill Unit No. 1       2017       12       89.22%	Bavarian Landfill Unit No. 5	2017	11	61.97%
Bavarian Landfill Unit No. 5       2018       2       94.88%         Bavarian Landfill Unit No. 5       2018       3       80.22%         Bavarian Landfill Unit No. 5       2018       4       70.66%         Glasgow Landfill Unit No. 1       2017       11       98.28%         Glasgow Landfill Unit No. 1       2017       12       89.22%	Bavarian Landfill Unit No. 5	2017	12	64.08%
Bavarian Landfill Unit No. 5       2018       3       80.22%         Bavarian Landfill Unit No. 5       2018       4       70.66%         Glasgow Landfill Unit No. 1       2017       11       98.28%         Glasgow Landfill Unit No. 1       2017       12       89.22%	Bavarian Landfill Unit No. 5	2018	1	54.97%
Bavarian Landfill Unit No. 5 2018 4 70.66%  Glasgow Landfill Unit No. 1 2017 11 98.28%  Glasgow Landfill Unit No. 1 2017 12 89.22%	Bavarian Landfill Unit No. 5	2018	2	94.88%
Glasgow Landfill Unit No. 1 2017 11 98.28% Glasgow Landfill Unit No. 1 2017 12 89.22%	Bavarian Landfill Unit No. 5	2018	3	80.22%
Glasgow Landfill Unit No. 1 2017 12 89.22%	Bavarian Landfill Unit No. 5	2018	4	70.66%
Glasgow Landfill Unit No. 1 2017 12 89.22%				
3	Glasgow Landfill Unit No. 1	2017	11	98.28%
Glasgow Landfill Unit No. 1 2018 1 88.24%	Glasgow Landfill Unit No. 1	2017	12	89.22%
<del></del>	Glasgow Landfill Unit No. 1	2018	1	88.24%
Glasgow Landfill Unit No. 1 2018 2 85.89%	Glasgow Landfill Unit No. 1	2018	2	85.89%
Glasgow Landfill Unit No. 1 2018 3 62.15%	Glasgow Landfill Unit No. 1	2018	3	62.15%
Glasgow Landfill Unit No. 1 2018 4 73.53%	Glasgow Landfill Unit No. 1	2018	4	73.53%

Unit	Year	Month	Net Capacity Factor
Green Valley Landfill Unit No. 1	2017	11	88.16%
Green Valley Landfill Unit No. 1	2017	12	83.61%
Green Valley Landfill Unit No. 1	2018	1	45.39%
Green Valley Landfill Unit No. 1	2018	2	80.43%
Green Valley Landfill Unit No. 1	2018	3	87.46%
Green Valley Landfill Unit No. 1	2018	4	85.69%
Green Valley Landfill Unit No. 2	2017	11	94.57%
Green Valley Landfill Unit No. 2	2017	12	21.16%
Green Valley Landfill Unit No. 2	2018	1	57.12%
Green Valley Landfill Unit No. 2	2018	2	75.01%
Green Valley Landfill Unit No. 2	2018	3	90.65%
Green Valley Landfill Unit No. 2	2018	4	85.15%
Green Valley Landfill Unit No. 3	2017	11	91.19%
Green Valley Landfill Unit No. 3	2017	12	69.16%
Green Valley Landfill Unit No. 3	2018	1	59.71%
Green Valley Landfill Unit No. 3	2018	2	50.81%
Green Valley Landfill Unit No. 3	2018	3	85.93%
Green Valley Landfill Unit No. 3	2018	4	82.25%
Hardin Landfill Unit No. 2	2017	11	23.50%
Hardin Landfill Unit No. 2	2017	12	8.59%
Hardin Landfill Unit No. 2	2018	1	-2.07%
Hardin Landfill Unit No. 2	2018	2	19.59%
Hardin Landfill Unit No. 2	2018	3	41.08%
Hardin Landfill Unit No. 2	2018	4	6.58%
Hardin Landfill Unit No. 3	2017	11	71.52%
Hardin Landfill Unit No. 3	2017	12	82.90%
Hardin Landfill Unit No. 3	2018	1	82.77%
Hardin Landfill Unit No. 3	2018	2	71.83%
Hardin Landfill Unit No. 3	2018	3	47.03%
Hardin Landfill Unit No. 3	2018	4	81.88%
Laurel Ridge Landfill Unit No. 1	2017	11	82.58%
Laurel Ridge Landfill Unit No. 1	2017	12	94.35%
Laurel Ridge Landfill Unit No. 1	2018	1	86.87%
Laurel Ridge Landfill Unit No. 1	2018	2	90.67%
Laurel Ridge Landfill Unit No. 1	2018	3	88.08%
Laurel Ridge Landfill Unit No. 1	2018	4	97.90%

Unit	Year	Month	<b>Net Capacity Factor</b>
Laurel Ridge Landfill Unit No. 2	2017	11	87.64%
Laurel Ridge Landfill Unit No. 2	2017	12	95.48%
Laurel Ridge Landfill Unit No. 2	2018	1	65.70%
Laurel Ridge Landfill Unit No. 2	2018	2	82.64%
Laurel Ridge Landfill Unit No. 2	2018	3	76.66%
Laurel Ridge Landfill Unit No. 2	2018	4	80.98%
Laurel Ridge Landfill Unit No. 3	2017	11	72.16%
Laurel Ridge Landfill Unit No. 3	2017	12	81.15%
Laurel Ridge Landfill Unit No. 3	2018	1	70.89%
Laurel Ridge Landfill Unit No. 3	2018	2	73.93%
Laurel Ridge Landfill Unit No. 3	2018	3	82.70%
Laurel Ridge Landfill Unit No. 3	2018	4	82.37%
Laurel Ridge Landfill Unit No. 4	2017	11	67.06%
Laurel Ridge Landfill Unit No. 4	2017	12	39.09%
Laurel Ridge Landfill Unit No. 4	2018	1	46.47%
Laurel Ridge Landfill Unit No. 4	2018	2	97.81%
Laurel Ridge Landfill Unit No. 4	2018	3	96.52%
Laurel Ridge Landfill Unit No. 4	2018	4	97.60%
Pendleton Landfill Unit No. 1	2017	11	88.16%
Pendleton Landfill Unit No. 1	2017	12	83.61%
Pendleton Landfill Unit No. 1	2018	1	45.39%
Pendleton Landfill Unit No. 1	2018	2	80.43%
Pendleton Landfill Unit No. 1	2018	3	87.46%
Pendleton Landfill Unit No. 1	2018	4	85.69%
Pendleton Landfill Unit No. 2	2017	11	94.57%
Pendleton Landfill Unit No. 2	2017	12	21.16%
Pendleton Landfill Unit No. 2	2018	1	57.12%
Pendleton Landfill Unit No. 2	2018	2	75.01%
Pendleton Landfill Unit No. 2	2018	3	90.65%
Pendleton Landfill Unit No. 2	2018	4	85.15%
Pendleton Landfill Unit No. 3	2017	11	91.19%
Pendleton Landfill Unit No. 3	2017	12	69.16%
Pendleton Landfill Unit No. 3	2018	1	59.71%
Pendleton Landfill Unit No. 3	2018	2	50.81%
Pendleton Landfill Unit No. 3	2018	3	85.93%
Pendleton Landfill Unit No. 3	2018	4	82.25%

# PSC CASE NO. 2018-00217 FUEL ADJUSTMENT CLAUSE RESPONSE TO INFORMATION REQUEST

COMMISSION STAFF'S INFORMATION REQUEST DATED 08/10/18 REQUEST 17

**RESPONSIBLE PARTY:** Craig A. Johnson

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

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

**Request 17b.** Describe the impact of these changes on EKPC's fuel usage.

**Response 17b.** This question is not applicable.

# PSC CASE NO. 2018-00217 FUEL ADJUSTMENT CLAUSE RESPONSE TO INFORMATION REQUEST

## COMMISSION STAFF'S INFORMATION REQUEST DATED 08/10/18 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 period under review.

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

## PSC CASE NO. 2018-00217 FUEL ADJUSTMENT CLAUSE RESPONSE TO INFORMATION REQUEST

## COMMISSION STAFF'S INFORMATION REQUEST DATED 08/10/18 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 period under review.

Response 19. EKPC is not aware of any violations of 807 KAR 5:5056 occurring during the period under review.

# PSC CASE NO. 2018-00217 FUEL ADJUSTMENT CLAUSE RESPONSE TO INFORMATION REQUEST

COMMISSION STAFF'S INFORMATION REQUEST DATED 08/10/18 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.