

**Goss
Samford**

ATTORNEYS AT LAW | PLLC

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October 5, 2016

VIA HAND DELIVERY

Dr. Talina Mathews, Ph.D.
Executive Director
Kentucky Public Service Commission
P.O. Box 615
211 Sower Boulevard
Frankfort, KY 40602

RECEIVED
OCT 5 2016
PUBLIC SERVICE
COMMISSION

Re: PSC Case No. 2016-00231

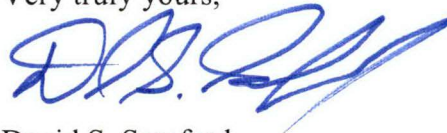
Dear Dr. Mathews:

Enclosed, please find for filing with the Commission in the above-referenced case an original and eight redacted copies of the responses of East Kentucky Power Cooperative, Inc. ("EKPC"), to the Commission Staff's Second Request for Information, dated September 21, 2016.

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

Please return a file-stamped copy of these filings to my office.

Very truly yours,



David S. Samford

Enclosures

RECEIVED

OCT 5 2016

PUBLIC SERVICE
COMMISSION

**COMMONWEALTH OF KENTUCKY
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, 2015 THROUGH APRIL)
30, 2016)**

**CASE NO.
2016-00231**

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

DATED SEPTEMBER 21, 2016

EAST KENTUCKY POWER COOPERATIVE, INC.

PSC CASE NO. 2016-00231

**PUBLIC SERVICE COMMISSION STAFF'S SECOND REQUEST FOR
INFORMATION DATED 09/21/16**

East Kentucky Power Cooperative, Inc. ("EKPC") hereby submits responses to the information requests contained in the Appendix to the Order of the Public Service Commission ("PSC") in this case dated September 21, 2016. Each response with its associated supportive reference materials is individually tabbed.

COMMONWEALTH OF KENTUCKY
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, 2015 THROUGH APRIL 30, 2016)))))	CASE NO. 2016-00231
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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's Second Request for Information dated September 21, 2016, and that the matters and things set forth therein are true and accurate to the best of his knowledge, information and belief, formed after reasonable inquiry.

Mark Horn

Subscribed and sworn before me on this 4th day of October 2016.

Jeannie M. Jones

Notary Public



COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

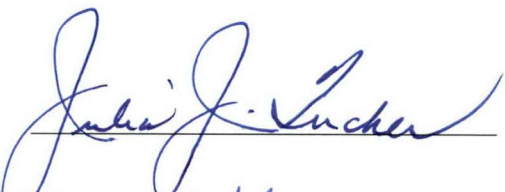
IN THE MATTER OF:

AN EXAMINATION OF THE APPLICATION OF)	
THE FUEL ADJUSTMENT CLAUSE OF EAST)	
KENTUCKY POWER COOPERATIVE, INC.)	CASE NO.
FROM NOVEMBER 1, 2015 THROUGH APRIL)	2016-00231
30, 2016)	

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's Second Request for Information dated September 21, 2016, 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 4th day of October 2016.


Notary Public



EAST KENTUCKY POWER COOPERATIVE, INC.

PSC CASE NO. 2016-00231

FUEL ADJUSTMENT CLAUSE

RESPONSE TO INFORMATION REQUEST

COMMISSION STAFF'S SECOND REQUEST FOR INFORMATION DATED 09/21/16

REQUEST 1

RESPONSIBLE PARTY: Mark Horn

Request 1. Refer to East Kentucky's response to the Commission's August 12, 2016 Request for Information ("August 12, 2016 Request"), Item 25. Confirm that, for the review period, copies of the following have been filed with the Commission. If an item has not been filed, explain why it has not been filed and provide a copy.

Request 1a. Long-term purchase contracts for coal, natural gas, or fuel oil;

Response 1a. All long-term purchase contracts for coal, natural gas, or fuel oil have already been filed with the Commission.

Request 1b. Spot or short-term purchase contracts for coal, natural gas, or fuel oil;

Response 1b. All spot or short-term purchase contracts for coal, natural gas, or fuel oil have already been filed with the Commission.

Request 1c. Master agreements for coal, natural gas, or fuel oil;

Response 1c. EKPC does not have master agreements for coal based on the assumption a master agreement is a document agreed between two parties that sets out standard terms that apply to all transactions entered into between these parties. Therefore, each time a transaction is entered into, the terms of the master agreement do not need to be renegotiated and apply automatically. Master agreements for natural gas have already been filed with the Commission. The master agreements for the “rack-plus” fuel oil have already been filed with the Commission. The “fixed price” fuel oil is addressed in Response 1b. as a spot or short-term purchase contract.

Request 1d. Purchase confirmations relating to the master agreements for coal, natural gas, or fuel oil. (For voluminous natural gas purchases, if the utility filed documentation such as monthly invoices or a listing of transactions showing date, quantity purchased, and price in lieu of filing the purchase confirmations, confirm that such documentation was filed.);

Response 1d. EKPC does not have master agreements for coal. The purchase confirmations relating to the master agreements for natural gas are attached as pages 4 through 9. This item had not been filed previously because Appendix B Format 2 had been filed for natural gas each month. The purchase confirmations relating to the master agreements for fuel oil are attached as pages 10 through 13. This item had not been filed previously because Appendix B Format 2 had been filed for fuel oil each month, which showed both the “rack-plus” and “fixed price” (spot or short-term purchase contracts) purchases. Information contained on pages 4 through 13 is subject to a motion for confidential treatment.

Request 1e. Copies of all natural gas transportation agreements;

Response 1e. Copies of all natural gas transportation agreements have already been filed with the Commission. EKPC does not have any firm natural gas transportation agreements.

Request 1f. Copies of all transportation agreements relating to barging, trucking, rail, etc.

Response 1f. Copies of all transportation agreements relating to barging, trucking, rail, etc., have already been filed with the Commission.

EKPC Trade Data



From: 11/01/2015 To 11/30/2015

Flow Date	MMBTU	Price	Total Dollars	Execution	Counterparty	Location
11/24/2015	████	████	████████	Natural Gas	Sequent Energy Management, LP	TGP-EKPC Smith
11/23/2015	████	████	████████	Natural Gas	Direct Energy Business Marketing, LLC	TGP-EKPC Smith
11/22/2015	████	████	████████	Natural Gas	Direct Energy Business Marketing, LLC	TGP-EKPC Smith
11/21/2015	████	████	████████	Natural Gas	Direct Energy Business Marketing, LLC	TGP-EKPC Smith
11/10/2015	████	████	████████	Natural Gas	Sequent Energy Management, LP	TGP-EKPC Smith
11/09/2015	████	████	████████	Natural Gas	Sequent Energy Management, LP	TGP-EKPC Smith
11/09/2015	████	████	████████	Natural Gas	Direct Energy Business Marketing, LLC	TGP-EKPC Smith
11/04/2015	████	████	████████	Natural Gas	Direct Energy Business Marketing, LLC	TGP-EKPC Smith
11/03/2015	████	████	████████	Natural Gas	Direct Energy Business Marketing, LLC	TGP-EKPC Smith
11/03/2015	████	████	████████	Natural Gas	Sequent Energy Management, LP	TGP-EKPC Smith
11/02/2015	████	████	████████	Natural Gas	Sequent Energy Management, LP	TGP-EKPC Smith
11/02/2015	████	████	████████	Natural Gas	Tenaska Marketing Ventures	TGP-EKPC Smith
11/02/2015	████	████	████████	Natural Gas	Direct Energy Business Marketing, LLC	TGP-EKPC Smith

REDACTED

EKPC Trade Data



From: 12/01/2015 To 12/31/2015

Flow Date	MMBTU	Price	Total Dollars	Execution	Counterparty	Location
12/31/2015	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	Direct Energy Business Marketing, LLC	TGP-EKPC Smith
12/17/2015	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	Sequent Energy Management, LP	TGP-EKPC Smith

REDACTED

EKPC Trade Data



From: 01/01/2016 To 01/31/2016

Flow Date	MMBTU	Price	Total Dollars	Execution	Counterparty	Location
01/29/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	Sequent Energy Management, LP	TGP-EKPC Smith
01/29/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	NJR Energy Services Company	TGP-EKPC Smith
01/20/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	NJR Energy Services Company	Texas Gas-SL Pool
01/19/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	Tenaska Marketing Ventures	Texas Gas-Lebanon-REX
01/19/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	NJR Energy Services Company	Texas Gas-SL Pool
01/19/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	BP Energy Company	Texas Gas-SL Pool
1/18/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	Tenaska Marketing Ventures	Texas Gas-Lebanon-REX
01/15/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	Direct Energy Business Marketing, LLC	TGP-EKPC Smith
01/13/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	Direct Energy Business Marketing, LLC	TGP-EKPC Smith
01/13/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	NJR Energy Services Company	Texas Gas-SL Pool
01/13/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	Sequent Energy Management, LP	TGP-EKPC Smith
01/13/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	BP Energy Company	Texas Gas-SL Pool
01/13/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	NJR Energy Services Company	TGP-EKPC Smith
01/12/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	NJR Energy Services Company	Texas Gas-SL Pool
01/12/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	NJR Energy Services Company	TGP-EKPC Smith
01/12/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	Sequent Energy Management, LP	TGP-EKPC Smith
01/12/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	BP Energy Company	Texas Gas-SL Pool
01/11/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	BP Energy Company	Texas Gas-SL Pool
01/05/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	NJR Energy Services Company	TGP-EKPC Smith
01/04/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	Atmos Energy Marketing, LLC	TGP-EKPC Smith

REDACTED

EKPC Trade Data



From: 02/01/2016 To 02/29/2016

Flow Date	MMBTU	Price	Total Dollars	Execution	Counterparty	Location
02/29/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	Sequent Energy Management, LP	TGP-EKPC Smith
02/27/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	Sequent Energy Management, LP	TGP-EKPC Smith
02/18/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	BP Energy Company	TGP-EKPC Smith
02/17/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	Direct Energy Business Marketing, LLC	TGP-EKPC Smith
02/16/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	Tenaska Marketing Ventures	TGP-EKPC Smith
02/16/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	Tenaska Marketing Ventures	Texas Gas-Zone 1 Pool
02/15/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	Tenaska Marketing Ventures	TGP-EKPC Smith
02/15/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	NJR Energy Services Company	TGP-EKPC Smith
02/15/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	Tenaska Marketing Ventures	TGP-EKPC Smith
02/15/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	NJR Energy Services Company	TGP-EKPC Smith
02/15/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	Tenaska Marketing Ventures	TGP-EKPC Smith
02/14/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	Tenaska Marketing Ventures	TGP-EKPC Smith
02/14/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	Tenaska Marketing Ventures	Texas Gas-Lebanon-REX
02/13/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	Tenaska Marketing Ventures	TGP-EKPC Smith
02/13/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	Tenaska Marketing Ventures	Texas Gas-Lebanon-REX
02/11/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	Tenaska Marketing Ventures	TGP-EKPC Smith
02/11/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	NJR Energy Services Company	TGP-EKPC Smith
02/10/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	Direct Energy Business Marketing, LLC	TGP-EKPC Smith
02/10/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	Tenaska Marketing Ventures	TGP-EKPC Smith
02/09/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	Direct Energy Business Marketing, LLC	TGP-EKPC Smith
02/08/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	Tenaska Marketing Ventures	TGP-EKPC Smith
02/08/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	NJR Energy Services Company	TGP-EKPC Smith
02/07/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	Tenaska Marketing Ventures	TGP-EKPC Smith
02/06/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	Tenaska Marketing Ventures	TGP-EKPC Smith
02/05/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	Tenaska Marketing Ventures	TGP-EKPC Smith
02/05/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	Tenaska Marketing Ventures	TGP-EKPC Smith
02/04/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	Tenaska Marketing Ventures	TGP-EKPC Smith
02/03/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	NJR Energy Services Company	TGP-EKPC Smith
02/02/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	Direct Energy Business Marketing, LLC	TGP-EKPC Smith

REDACTED

EKPC Trade Data



From: 03/01/2016 To 03/31/2016

Flow Date	MMBTU	Price	Total Dollars	Execution	Counterparty	Location
03/24/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	BP Energy Company	TGP-EKPC Smith
03/21/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	NJR Energy Services Company	TGP-EKPC Smith
03/16/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	NJR Energy Services Company	TGP-EKPC Smith
03/15/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	Tenaska Marketing Ventures	TGP-EKPC Smith
03/08/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	Sequent Energy Management, L.P.	TGP-EKPC Smith
03/07/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	Sequent Energy Management, L.P.	TGP-EKPC Smith
03/07/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	NJR Energy Services Company	TGP-EKPC Smith
03/06/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	Sequent Energy Management, L.P.	TGP-EKPC Smith
03/05/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	Sequent Energy Management, L.P.	TGP-EKPC Smith
03/05/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	NJR Energy Services Company	TGP-EKPC Smith
03/03/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	NJR Energy Services Company	TGP-EKPC Smith
03/02/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	NJR Energy Services Company	TGP-EKPC Smith

REDACTED

EKPC Trade Data



From: 04/01/2016 To 04/30/2016

Flow Date	MMBTU	Price	Total Dollars	Execution	Counterparty	Location
04/27/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	Tenaska Marketing Ventures	TGP-EKPC Smith
04/25/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	Tenaska Marketing Ventures	TGP-EKPC Smith
04/25/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	NJR Energy Services Company	TGP-EKPC Smith
04/24/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	NJR Energy Services Company	TGP-EKPC Smith
04/24/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	NJR Energy Services Company	TGP-EKPC Smith
04/22/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	NJR Energy Services Company	TGP-EKPC Smith
04/22/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	Tenaska Marketing Ventures	TGP-EKPC Smith
04/21/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	NJR Energy Services Company	TGP-EKPC Smith
04/21/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	BP Energy Company	TGP-EKPC Smith
04/21/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	NJR Energy Services Company	TGP-EKPC Smith
04/20/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	BP Energy Company	TGP-EKPC Smith
04/20/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	NJR Energy Services Company	TGP-EKPC Smith
04/19/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	Tenaska Marketing Ventures	TGP-EKPC Smith
04/19/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	Tenaska Marketing Ventures	TGP-EKPC Smith
04/18/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	NJR Energy Services Company	TGP-EKPC Smith
04/18/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	Tenaska Marketing Ventures	TGP-EKPC Smith
04/18/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	Tenaska Marketing Ventures	TGP-EKPC Smith
04/18/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	Tenaska Marketing Ventures	TGP-EKPC Smith
04/12/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	Sequent Energy Management, L.P.	TGP-EKPC Smith
04/12/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	Sequent Energy Management, L.P.	TGP-EKPC Smith
04/11/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	Tenaska Marketing Ventures	TGP-EKPC Smith
04/11/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	NJR Energy Services Company	TGP-EKPC Smith
04/11/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	Sequent Energy Management, L.P.	TGP-EKPC Smith
04/10/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	Tenaska Marketing Ventures	TGP-EKPC Smith
04/10/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	NJR Energy Services Company	TGP-EKPC Smith
04/10/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	NJR Energy Services Company	TGP-EKPC Smith
04/10/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	NJR Energy Services Company	TGP-EKPC Smith
04/09/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	Tenaska Marketing Ventures	TGP-EKPC Smith
04/09/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	NJR Energy Services Company	TGP-EKPC Smith
04/09/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	NJR Energy Services Company	TGP-EKPC Smith
04/08/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	Tenaska Marketing Ventures	TGP-EKPC Smith
04/08/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	NJR Energy Services Company	TGP-EKPC Smith
04/07/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	NJR Energy Services Company	TGP-EKPC Smith
04/05/2016	[REDACTED]	[REDACTED]	[REDACTED]	Natural Gas	NJR Energy Services Company	TGP-EKPC Smith

REDACTED

**EAST KENTUCKY POWER COOPERATIVE
FUEL OIL PURCHASES
NOVEMBER 01, 2015 - APRIL 30, 2016**

COOPER POWER STATION 2015						
KY Oil & Refining CO., Inc. - Purchase Order #43531						
Date	Invoice #	Gallons	Rack Price	Contract Adder	Total Price/Gal	Total Invoice
November Totals		0.0	#DIV/0!	0	#DIV/0!	\$0.00
December Totals		0.0	#DIV/0!	0	#DIV/0!	\$0.00

COOPER POWER STATION 2015						
Petroleum Traders Corp. #43538						
Date	Invoice #	Gallons	Fixed Price	Contract Adder	Total Price/Gal	Total Invoice
11/13/2015	952664B					
11/14/2015	952915B					
11/12/2015	952202B					
11/12/2015	952308B					
11/20/2015	954393B					
11/22/2015	955213B					
November Totals						
12/14/2015	960662					
December Totals						

2016						
Petroleum Traders Corp. - Purchase Order #43543						
Date	Invoice #	Gallons	Rack Price	Contract Adder	Total Price/Gal	Total Invoice
1/8/2016	968222B					
1/11/2016	968525B					
1/11/2016	968525B					
1/20/2016	971604					
January Totals						
2/10/2016	979131					
2/14/2016	980658					
2/15/2016	980700					
February Totals						

2016						
Petroleum Traders Corp. - Purchase Order #43537						
Date	Invoice #	Gallons	Fixed Price	Contract Adder	Total Price/Gal	Total Invoice
January Totals		0.0	#DIV/0!	0.0000	#DIV/0!	\$0.00
February Totals		0.0	#DIV/0!	0.0000	#DIV/0!	\$0.00

REDACTED

2016

Petroleum Traders Corp. - Purchase Order #43543						
Date	Invoice #	Gallons	Rack Price	Contract Adder	Total Price/Gal	Total Invoice
3/1/2016	984767					
March Totals						
April Totals		0.0	#DIV/0!	0.0000	#DIV/0!	\$0.00

2016

Petroleum Traders Corp. - Purchase Order #43537						
Date	Invoice #	Gallons	Fixed Price	Contract Adder	Total Price/Gal	Total Invoice
March Totals		0.0	#DIV/0!	0.0000	#DIV/0!	\$0.00
April Totals		0.0	#DIV/0!	0.0000	#DIV/0!	\$0.00

REDACTED

**EAST KENTUCKY POWER COOPERATIVE
FUEL OIL PURCHASES
NOVEMBER 01, 2015 - APRIL 30, 2016**

**SPURLOCK POWER STATION
2015**

		KY Petroleum Supply Inc., - Purchase Order #43530				
Date	Invoice #	Gallons	Rack Price	Contract Adder	Total Price/Gal	Total Invoice
11/19/2015	0472869-IN					
11/19/2015	0472870-IN					
11/19/2015	0472871-IN					
11/20/2015	0473070-IN					
11/20/2015	0473072-IN					
11/27/2015	0473814-IN					
11/27/2015	0473810-IN					
11/21/2015	0473204-IN					
11/24/2015	0473448-IN					
11/25/2015	0473640-IN					
11/25/2015	0473642-IN					
November Totals						
12/4/2015	474725-IN					
12/4/2015	474723-IN					
12/4/2015	474928-IN					
December Totals						

**SPURLOCK POWER STATION
2015**

		KY Oil & Refining CO., Inc. - Purchase Order #43533				
Date	Invoice #	Gallons	Fixed Price	Contract Adder	Total Price/Gal	Total Invoice
11/17/2015	316337					
11/17/2015	316338					
11/17/2015	316363					
11/18/2015	316367					
11/18/2015	316369					
11/18/2015	316385					
November Totals						
12/2/2015	316618					
12/2/2015	316619					
12/2/2015	316648					
12/3/2015	316679					
12/4/2015	316694					
12/3/2015	316737					
December Totals						

2016

		Harper Oil Products, Inc. - Purchase Order #43542				
Date	Invoice #	Gallons	Rack Price	Contract Adder	Total Price/Gal	Total Invoice
January Totals						
		0.0	#DIV/0!	0.0000	#DIV/0!	\$0.00

2016

		Petroleum Traders Corp. - Purchase Order #43537				
Date	Invoice #	Gallons	Fixed Price	Contract Adder	Total Price/Gal	Total Invoice
1/5/2016	966811					
1/5/2016	966817					
1/5/2016	966817					
1/5/2016	966817					
1/29/2016	975177					
1/29/2016	975177					
January Totals						

REDACTED

2016

Harper Oil Products, Inc. - Purchase Order #43542						
Date	Invoice #	Gallons	Rack Price	Contract Adder	Total Price/Gal	Total Invoice
2/1/2016	857713					
2/1/2016	857714					
2/1/2016	857715					
February Totals						
March Totals		0.0	#DIV/0!	0.0000	#DIV/0!	\$0.00
4/22/2016	862096					
4/23/2016	862097					
4/23/2016	862098					
4/24/2016	862099					
4/25/2016	862100					
4/25/2016	862211					
4/26/2016	862212					
4/26/2016	862213					
4/26/2016	862214					
4/26/2016	862215					
4/26/2016	862216					
4/26/2016	862217					
4/26/2016	862218					
4/27/2016	862219					
4/27/2016	862220					
4/27/2016	862221					
4/27/2016	862222					
4/27/2016	862223					
4/28/2016	862225					
April Totals						

2016

Petroleum Traders Corp. - Purchase Order #43537						
Date	Invoice #	Gallons	Fixed Price	Contract Adder	Total Price/Gal	Total Invoice
2/16/2016	980999					
2/16/2016	980999					
2/16/2016	980999					
2/16/2016	980999					
2/26/2016	983329					
February Totals						
3/18/2016	991581					
3/17/2016	991423					
3/17/2016	991577					
3/17/2016	991575					
3/21/2016	991579					
3/18/2016	991428					
March Totals						
4/22/2016	103581					
4/22/2016	103581					
4/22/2016	103581					
4/22/2016	103581					
4/22/2016	103581					
April Totals						

REDACTED

EAST KENTUCKY POWER COOPERATIVE, INC.

PSC CASE NO. 2016-00231

FUEL ADJUSTMENT CLAUSE

RESPONSE TO INFORMATION REQUEST

**COMMISSION STAFF'S SECOND REQUEST FOR INFORMATION DATED 09/21/16
REQUEST 2**

RESPONSIBLE PARTY: Julia J. Tucker

Request 2. Refer to East Kentucky's response to the August 12, 2016 Request, Item 26, page 2 of 2. The response states, "[t]he fuel price is based on inventory prices and the unit heat rate is based on average operational values for that month."

Request 2a. Explain in detail how the fuel cost (\$/MWh) is calculated for the unit suffering a forced outage.

Response 2a. EKPC calculates the actual fuel cost from the unit during the time that it ran during the month. The amount of coal burned plus any fuel oil required for supplemental heat is found from operating records. These volumes are then converted to equivalent MMBtu consumed. The cost for these fuels are calculated based on the average inventory cost and then divided by the amount of MMBtu volume consumed to develop an average \$/MMBtu fuel cost. EKPC then figures how many hours the unit was not available and how many MW the unit would have produced each hour if it had been available. This

calculation provides the amount of MWh that had to be replaced by an alternative source, namely the PJM market. Finally, the MWh lost due to the outage is multiplied by the average unit fuel cost (\$/MMBtu) and then multiplied by the unit's average heat rate (MMBtu/kWh) to get the total amount of fuel cost that would have been incurred if the unit had been available during the forced outage period. This total fuel cost divided by the lost MWh results in the average fuel cost (\$/MWh) during the outage period.

Request 2b. Provide an example of the calculation from an actual forced outage during the review period.

Response 2b. Spurlock 4 was out from November 11, 2015 at hour ending 20:00 through November 15, 2015 at hour ending 24:00, for a total of 101 hours. The amount of MWh lost from Spurlock 4 during this time period was 25,676 MWh or 25,676,000 kWh. During the month of November, 2015, Spurlock 4 generated a total of 97,473,000 kWh. Spurlock 4 consumed 93,832,000 pounds of coal and 67,369 gallons of fuel oil. Based on the heat content of these two fuels, Spurlock 4 consumed a total of 1,003,956.5434 MMBtu of fuel at a total cost of \$2,221,392.67, for an average fuel cost of \$2.21/MMBtu. ($\$2,221,392.67 / 1,003,956.5434 \text{ MMBtu} = \$2.21/\text{MMBtu}$).

25,676,000 kWh lost from Spurlock 4 times the unit's average heat rate (see Response 2c) of 10,300 Btu/kWh divided by 1,000,000 Btu/MMBtu times the average fuel cost of

\$2.21/MMBtu equals \$584,462.79 for the total cost of fuel that would have been consumed if the unit had been available and not forced out. $(25,676,000 \text{ kWh} * 10,300 \text{ Btu/kWh} / 1,000,000 \text{ Btu/MMBtu} * \$2.21/\text{MMBtu} = \$584,462.79)$.

EKPC purchased 25,676,000 kWh from the PJM market during the outage time period, instead of generating it from Spurlock 4, at an average cost of \$25.474/MWh for a total expenditure of \$654,061.94. The incremental cost of purchasing from the market as compared to generating the energy is \$69,599.15 $(\$654,061.94 - \$584,462.79 = \$69,599.15)$.

Request 2c. Explain in detail how the heat rate is calculated for the unit suffering a forced outage.

Response 2c. The average heat rate for the unit, in this example Spurlock 4, is calculated by dividing the total number of Btu of fuel consumed divided by the net kWh generated to obtain the Net Unit Heat Rate. For November 2015, Spurlock 4 consumed 1,003,956,543,400 Btu and produced a net generation of 97,473,000 kWh. This results in an average net unit heat rate of 10,300 Btu/kWh $(1,003,956,543,400 / 97,473,000 = 10,300)$.

Request 2d. Provide an example from an actual forced outage during the review period.

Response 2d. Please refer to the response to Request 2b.