

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

In the Matter of an Examination of the )  
Application of the Fuel Adjustment Clause of )  
Duke Energy Kentucky, Inc. From )  
November 1, 2012 Through October 31, )  
2014 )

Case No. 2014-00454

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**PETITION OF DUKE ENERGY KENTUCKY, INC.**  
**FOR CONFIDENTIAL TREATMENT OF INFORMATION**  
**CONTAINED IN ITS RESPONSES TO COMMISSION STAFF'S**  
**REQUESTS IN APPENDIX B TO ORDER**  
**DATED FEBRUARY 5, 2015**

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Duke Energy Kentucky, Inc. (Duke Energy Kentucky or Company), pursuant to 807 KAR 5:001, Section 13, respectfully requests the Commission to classify and protect certain information provided by Duke Energy Kentucky in its responses to Data Request Nos. 1, 5, 6, 9, 25, 26, and 39 as requested by Commission Staff (Staff) in this case on February 5, 2015. The information that Staff seeks through discovery and for which Duke Energy Kentucky now seeks confidential treatment (Confidential Information), shows: the projected total kilowatt hours (kWh) use to calculate base fuel costs;<sup>1</sup> the Company's projected fuel requirements both in times and dollars;<sup>2</sup> sales forecasts in both kWh and dollars;<sup>3</sup> planned outages and maintenance schedules by plant;<sup>4</sup> written solicitations for coal supplies;<sup>5</sup> oral

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<sup>1</sup> See Data Request No. 1.

<sup>2</sup> See Data Request No. 5.

<sup>3</sup> See Data Request No. 6.

<sup>4</sup> See Data Request No. 9.

<sup>5</sup> See Data Request No. 25.

solicitations for coal supplies;<sup>6</sup> and the economic dispatch data for each of Duke Energy Kentucky's generating units.<sup>7</sup>

The responses in Data Request Nos. 1, 5, 6, 9, 25, 26 and 39 contain sensitive information, the disclosure of which would injure Duke Energy Kentucky and its competitive position and business interests. Specifically, Duke Energy Kentucky provides specific total KWH sales projections as part of its answer to Data Request No. 1. The response to No. 5 provides Duke Energy Kentucky's anticipated future fuel requirements and costs. Duke Energy Kentucky's response to No. 6 provides a list of projected sales by customer class, including anticipated revenue. Together, these three responses could provide power marketing competitors and fuel vendors with knowledge regarding Duke Energy Kentucky's operating costs and commodity positions. This would allow them to potentially manipulate the marketplace so as to unnecessarily cause consumers to pay more for electricity than they otherwise would. Similarly, the list of projected outages and costs, as contained in response No. 9, will grant vendors a distinct advantage in that they would be able to anticipate Duke Energy Kentucky's maintenance schedules. If Duke Energy Kentucky's contractors and vendors have access to the number, duration, and causes of outages, it would again give them a distinct advantage in anticipating maintenance schedules. Likewise, response Nos. 25 and 26 include information describing the Company's written and oral solicitations for coal supplies and responses thereto and its strategies for procuring fuel. If publicly disclosed, this information would give Duke Energy Kentucky's vendors a commercial advantage in responding to future solicitations. The information contained in response No. 39 includes economic dispatch costs for Duke Energy Kentucky's generating units, the disclosure of

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<sup>6</sup> See Data Request No. 26.

<sup>7</sup> See Data Request No. 39.

which would give the Company's competitors and fuel vendors knowledge regarding Duke Energy Kentucky's operating costs so as to allow them to potentially manipulate the marketplace and unnecessarily cause consumers to pay more for electricity than they otherwise would.

In support of this Petition, Duke Energy Kentucky states:

1. The Kentucky Open Records Act exempts from disclosure certain commercial information. KRS 61.878(1)(c). To qualify for this exemption and, therefore, maintain the confidentiality of the information, a party must establish that disclosure of the commercial information would permit an unfair advantage to competitors of that party. Public disclosure of the information identified herein would, in fact, prompt such a result for the reasons set forth below.

2. The Commission's first request is for any proposed changes in base fuel rates. While this information is not confidential, Duke Energy Kentucky's response discloses sensitive and proprietary kWh sales projections for the calendar years 2015 and 2016 (response No. 1). The sales projections should be afforded confidential protections as they are internally-derived figures that would give competitors, marketers and vendors a competitive advantage in any existing or prospective commercial relationship involving Duke Energy Kentucky. Maintaining the confidentiality of the projected kWh sales is necessary to protect the interests of both the Company and its customers. As afforded in similar proceedings, Duke Energy Kentucky is only seeking confidential protection for the information beginning in paragraph two of the response.<sup>8</sup>

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<sup>8</sup> See *In the Matter of An Examination of the Application of the Fuel Adjustment Clause of Duke Energy Kentucky, Inc. from November 1, 2010 through October 31, 2012*, Case No 2012-00554 (Order) (Ky.P.S.C. August 27, 2013).

3. Public disclosure of projected fuel requirements (response No. 5) would also afford Duke Energy Kentucky's competitors and vendors a distinct competitive advantage in any contractual negotiations. Vendors and competitors would know Duke Energy Kentucky's projected monthly fuel requirements for the next two years. This information could be used against Duke Energy Kentucky as it negotiates to satisfy its projected requirements.

4. Similarly, public disclosure of projected forecast demand and sales revenue (response No. 6) would afford Duke Energy Kentucky's competitors a distinct competitive advantage in bidding for and securing new bulk power loads, and would give an obvious advantage to Duke Energy Kentucky's wholesale power purchasers and sellers in any contractual negotiations.

5. Likewise, public disclosure of information regarding Duke Energy Kentucky's plant maintenance schedules (response No. 9) would provide critical "downtime" information that would necessarily impair Duke Energy Kentucky's ability to negotiate with prospective contractors and vendors. If Duke Energy Kentucky's prospective contractors and vendors have access to the number, duration and timing of such outages, it would give them a distinct advantage in anticipating maintenance schedules and plant condition and operating characteristics. This would very likely impair Duke Energy Kentucky's ability to negotiate with prospective contractors and vendors.

6. Duke Energy Kentucky is also providing a copy of a written solicitation for coal suppliers, that includes a summary of the responses received in the Company selection criteria (response No. 25). The response also includes documentation of the responses selected as part of the solicitation and describes the Company's strategy for procuring fuel. Likewise, Duke Energy Kentucky's provision of information relating to its oral solicitations



for coal suppliers (response No. 26) includes detailed disclosure of the Company selection criteria, quality specifications and deliverability requirements and strategies for procuring fuel. Public disclosure of this information in these two responses would reveal commercially valuable information about the manner in which Duke Energy Kentucky conducted solicitations for coal supplies and would reveal bid data gathered from a high percentage of companies in the coal industry. This information, if disclosed, would have the potential to cause market manipulations in the future and may impair the Company's ability to conduct further solicitations by chilling the response from potential suppliers.

7. The public disclosure of the Company's economic dispatch costs (response No. 39) would reveal the operating costs of each of its generating units. This information is, quite obviously, highly sensitive, commercially valuable and strictly proprietary. The public disclosure of this will place Duke Energy Kentucky in a commercial disadvantage as it negotiates contracts with various suppliers and vendors and could potentially harm Duke Energy Kentucky's competitive position in the marketplace, to the detriment of Duke Energy Kentucky and its customers.

8. The Confidential Information in response Nos. 1, 5, 6, 9, 25, 26 and 39 was developed internally by Duke Energy Corporation and Duke Energy Kentucky personnel, is not on file with any public agency, and is not available from any commercial or other source outside of Duke Energy Kentucky. The aforementioned Confidential Information in all seven responses is distributed within Duke Energy Kentucky, only to those who must have access for business reasons, and is generally recognized as confidential and proprietary in the energy industry.

9. The Confidential Information for which Duke Energy Kentucky is seeking confidential treatment is not known outside of Duke Energy Corporation.

10. The Commission has treated the same information described herein as confidential in prior responses to the same data requests provided by Duke Energy Kentucky (Case No. 2012-00554).<sup>9</sup>

11. Duke Energy Kentucky does not object to limited disclosure of the confidential information described herein, pursuant to an acceptable protective agreement, with the Attorney General or other intervenors with a legitimate interest in reviewing the same for the purpose of participating in this case.

12. This information was, and remains, integral to Duke Energy Kentucky's effective execution of business decisions. And such information is generally regarded as confidential or proprietary. Indeed, as the Kentucky Supreme Court has found, "information concerning the inner workings of a corporation is 'generally accepted as confidential or proprietary.'" *Hoy v. Kentucky Industrial Revitalization Authority*, 904 S.W.2d 766, 768 (Ky. 1995).

13. In accordance with the provisions of 807 KAR 5:001, Section 13(3), the Company is filing one copy of the Confidential Information separately under seal, and one copy without the confidential information included.

14. Duke Energy Kentucky 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 no longer be commercially sensitive so as to likely impair the interests of the Company or its customers if publicly disclosed.

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<sup>9</sup> *Id.*

15. To the extent the Confidential information becomes generally available to the public, whether through filings required by other agencies or otherwise, Duke Energy Kentucky will notify the Commission and have its confidential status removed, pursuant to 807 KAR 5:001 Section 13(10)(a).

WHEREFORE, Duke Energy Kentucky, Inc., respectfully requests that the Commission classify and protect as confidential the specific information described herein.

Respectfully submitted,

DUKE ENERGY KENTUCKY, INC.

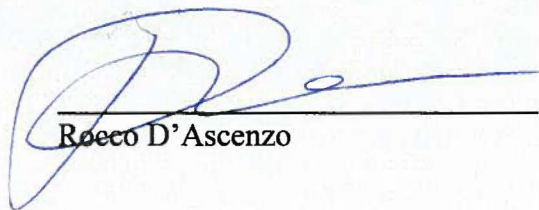


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*Counsel for Duke Energy Kentucky, Inc.*

**CERTIFICATE OF SERVICE**

I hereby certify that a copy of the foregoing filing was served on the following via overnight mail, this 27<sup>th</sup> day of February 2015:

Jennifer Hans  
The Office of the Attorney General  
Utility Intervention and Rate Division  
1024 Capital Center Drive, Suite 200  
Frankfort, Kentucky 40601-8204  
[Jennifer.hans@ag.ky.gov](mailto:Jennifer.hans@ag.ky.gov)



\_\_\_\_\_  
Rocco D'Ascenzo



**VERIFICATION**

**STATE OF OHIO** )  
 ) **SS:**  
**COUNTY OF HAMILTON** )

The undersigned, Lisa Steinkuhl, being duly sworn, deposes and says that she has personal knowledge of the matters set forth in the foregoing data requests, and that the answers contained therein are true and correct to the best of her knowledge, information and belief.

Lisa D Steinkuhl  
Lisa Steinkuhl, Affiant

Subscribed and sworn to before me by Lisa Steinkuhl on this 18<sup>TH</sup> day of February, 2015.

Adele M. Frisch  
NOTARY PUBLIC

**ADELE M. FRISCH**  
Notary Public, State of Ohio  
My Commission Expires 01-05-2019

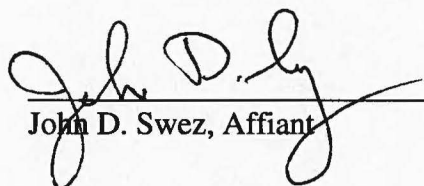
My Commission Expires: 1/5/2019



**VERIFICATION**

**STATE OF NORTH CAROLINA**        )  
  )  
**COUNTY OF MECKLENBURG**        )        **SS:**

The undersigned, John D. Swez, Director of General Dispatch & Operations, Power Trading and Dispatch, being duly sworn, deposes and says that he has personal knowledge of the matters set forth in the foregoing data requests, and that the answers contained therein are true and correct to the best of his knowledge, information and belief.

  
\_\_\_\_\_  
John D. Swez, Affiant

Subscribed and sworn to before me by John D. Swez on this 10 day of February, 2015.

  
\_\_\_\_\_  
NOTARY PUBLIC



My Commission Expires: June 14, 2016





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**Duke Energy Kentucky  
Case No. 2014-00454  
Staff First Set Data Requests  
Date Received: February 5, 2015**

**STAFF-DR-01-001 PUBLIC**

**REQUEST:**

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

**RESPONSE:**

**CONFIDENTIAL PROPRIETARY TRADE SECRET**

This response has been filed with the Commission under a Petition for Confidential Treatment.

July 2014 was selected to be the base period because it is reasonably close-in-time to the next two-year period and because the resulting fuel rate for this period was the closest to the expected fuel rate projected for the next two-year fuel adjustment period. The fuel rate for July 2014 was \$0.029117/kWh

[REDACTED]



The cost per kWh during the proposed base month of July 2014 was calculated as follows:

$$\frac{\text{Fuel (b) (July 2014)} \quad \$10,269,020}{\text{Sales (b) (July 2014)} \quad 352,678,810} = \$0.029117$$

**PERSON RESPONSIBLE:** Lisa Steinkuhl

**Duke Energy Kentucky  
Case No. 2014-00454  
Staff First Set Data Requests  
Date Received: February 5, 2015**

**STAFF-DR-01-002**

**REQUEST:**

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

**RESPONSE:**

As stated in response to Staff-DR-01-001, Duke Energy Kentucky proposes a base fossil fuel cost F(b) of \$10,269,020. Please see Staff-DR-01-002 Attachment for a copy of the fuel cost schedule for July 2014, which shows the components of F(b) as defined by 807 KAR 5:056.

**PERSON RESPONSIBLE:** Lisa Steinkuhl

**DUKE ENERGY KENTUCKY  
FINAL FUEL COST SCHEDULE**

**Expense Month: July 2014**

	<b><u>Dollars (\$)</u></b>
<b>A. Company Generation</b>	
Coal Burned	(+) \$ 8,069,938.35
Oil Burned	(+) 212,209.00
Gas Burned	(+) 13,660.25
PJM Balancing & Day Ahead Operating Reserve Credit	(-) 15,904.21
Fuel (assigned cost during Forced Outage <sup>(a)</sup> )	(+) 1,114,037.00
<u>Fuel (substitute cost during Forced Outage<sup>(a)</sup>)</u>	(-) <u>47,891.14</u>
Sub-Total	<u>\$ 9,346,049.25</u>
<b>B. Purchases</b>	
Economy Purchases	(+) \$ 2,547,391.09
Other Purchases	(+) -
Other Purchases (substitute for Forced Outage <sup>(a)</sup> )	(-) 1,441,113.77
<u>Less purchases above highest cost units</u>	(-) <u>-</u>
Sub-Total	<u>\$ 1,106,277.32</u>
<b>C. Non-Native Sales Fuel Costs</b>	<b>\$ 183,306.18</b>
<b>D. Total Fuel Costs (A + B - C)</b>	<b><u>\$ 10,269,020.39</u></b>

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Note: <sup>(a)</sup> Forced Outage as defined in 807 KAR 5:056.

**Duke Energy Kentucky  
Case No. 2014-00454  
Staff First Set Data Requests  
Date Received: February 5, 2015**

**STAFF-DR-01-003**

**REQUEST:**

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

**RESPONSE:**

As stated in response to STAFF-DR-01-001, the Duke Energy Kentucky proposes a base sales (b) of 352,678,810 kilowatt-hours. Please see STAFF-DR-01-003 Attachment for a copy of the Sales Schedule for July 2014, which shows the components of sales as defined by 807 KAR 5:056.

**PERSON RESPONSIBLE:** Lisa Steinkuhl



**DUKE ENERGY KENTUCKY  
SALES SCHEDULE**

**Expense Month: July 2014**

		<b><u>Kilowatt-Hours Current Month</u></b>
A. Generation (Net)	(+)	339,553,010
<u>Purchases Including Interchange-In</u>	(+)	<u>55,327,620</u>
Sub-Total		<u>394,880,630</u>
B. Pumped Storage Energy	(+)	-
Non-Native Sales Including Interchange Out	(+)	7,746,920
<u>System Losses (387,133,710 KWH times 8.9% <sup>(a)</sup>)</u>	(+)	<u>34,454,900</u>
Sub-Total		<u>42,201,820</u>
C. Total Sales (A - B)		<u><u>352,678,810</u></u>

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Note: <sup>(a)</sup> Average of prior 12 months.

**Duke Energy Kentucky  
Case No. 2014-00454  
Staff First Set Data Requests  
Date Received: February 5, 2015**

**STAFF-DR-01-004**

**REQUEST:**

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

**RESPONSE:**

Current Base	\$0.027466
Proposed Base	<u>\$0.029117</u>
Increase in Base Rates	\$0.001651

**PERSON RESPONSIBLE:** Lisa Steinkuhl

**Duke Energy Kentucky  
Case No. 2014-00454  
Staff First Set Data Requests  
Date Received: February 5, 2015**

**STAFF-DR-01-005 PUBLIC**

**REQUEST:**

Provide Duke Kentucky's most recent projected fuel requirements for the years 2015 and 2016 in tons and dollars.

**RESPONSE:**

**CONFIDENTIAL PROPRIETARY TRADE SECRET (As to Attachment Only)**

See STAFF-DR-01-005 Confidential Attachment, filed with the Commission under a Petition for Confidential Treatment.

**PERSON RESPONSIBLE: N/A**

**Duke Energy Kentucky  
Case No. 2014-00454  
Staff First Set Data Requests  
Date Received: February 5, 2015**

**STAFF-DR-01-006 PUBLIC**

**REQUEST:**

Provide Duke Kentucky's most recent sales projections for the years 2015 and 2016 in kWh and dollars.

**RESPONSE:**

**CONFIDENTIAL PROPRIETARY TRADE SECRET (As to Attachment Only)**

See STAFF-DR-01-006 Confidential Attachment, filed with the Commission under a Petition for Confidential Treatment.

**PERSON RESPONSIBLE: N/A**

**Duke Energy Kentucky  
Case No. 2014-00454  
Staff First Set Data Requests  
Date Received: February 5, 2015**

**STAFF-DR-01-007**

**REQUEST:**

Provide separately the amounts of power purchases used in the calculation of sales provided in response to Item 3.

**RESPONSE:**

The attachment to STAFF-DR-01-003 shows power purchases of 55,327,620 kilowatt-hours, all from the PJM Interconnection, L.L.C.

**PERSON RESPONSIBLE:** Lisa Steinkuhl



**Duke Energy Kentucky  
Case No. 2014-00454  
Staff First Set Data Requests  
Date Received: February 5, 2015**

**STAFF-DR-01-008**

**REQUEST:**

Provide separately the amounts of intersystem power sales used in the calculation of sales provided in response to Item 3.

**RESPONSE:**

The attachment to STAFF-DR-01-003 shows power sales of 7,746,920 kilowatt-hours, all to the PJM Interconnection, L.L.C.

**PERSON RESPONSIBLE:** Lisa Steinkuhl

**Duke Energy Kentucky  
Case No. 2014-00454  
Staff First Set Data Requests  
Date Received: February 5, 2015**

**STAFF-DR-01-009 PUBLIC**

**REQUEST:**

Provide the planned maintenance schedule for each of Duke Kentucky's generating units for the years 2015 and 2016.

**RESPONSE:**

**CONFIDENTIAL PROPRIETARY TRADE SECRET (As to Attachment Only)**

Please see STAFF-DR-01-009 Confidential Attachment, filed with the Commission under a Petition for Confidential Treatment.

**PERSON RESPONSIBLE: N/A**

**Duke Energy Kentucky  
Case No. 2014-00454  
Staff First Set Data Requests  
Date Received: February 5, 2015**

**STAFF-DR-01-010**

**REQUEST:**

For the years ending October 31, 2013 and October 31, 2014, provide:

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

**RESPONSE:**

- a.
  - November 1, 2012 and October 31, 2013 – 858 MW
  - November 1, 2013 and October 31, 2014 – 860 MW
- b.
  - November 1, 2012 and October 31, 2013 – 498 MW
  - November 1, 2013 and October 31, 2014 – 505 MW

**PERSON RESPONSIBLE:** John Swez

**Duke Energy Kentucky  
Case No. 2014-00454  
Staff First Set Data Requests  
Date Received: February 5, 2015**

**STAFF-DR-01-011**

**REQUEST:**

List all firm power commitments for Duke Kentucky for the years 2015 and 2016 for (a) purchases and (b) sales. This list shall identify the other party (buyer or seller), the amount of commitment in MW, and the purpose of the commitment (e.g., peaking, emergency).

**RESPONSE:**

Duke Energy Kentucky had no firm power commitments during this period.

**PERSON RESPONSIBLE:** John Swez

**Duke Energy Kentucky  
Case No. 2014-00454  
Staff First Set Data Requests  
Date Received: February 5, 2015**

**STAFF-DR-01-012**

**REQUEST:**

Provide a monthly billing summary for all sales to all electric utilities for the period May 1, 2014 through October 31, 2014.

**RESPONSE:**

See STAFF-DR-01-012 Attachment.

**PERSON RESPONSIBLE:** Lisa Steinkuhl



DUKE ENERGY KENTUCKY  
 POWER TRANSACTION SCHEDULE

Supplier/Buyer		Transaction Type	kWh	Charges (\$)			
				Demand	Fuel	Other	Total
<b>Month Ended May 31, 2014</b>							
PJM Interconnection, LLC		Econ Sales	0		0	0	0
	Total Sales		0	0	0	0	0
<b>Month Ended June 30, 2014</b>							
PJM Interconnection, LLC		Econ Sales	96,930		2,722	(234)	2,488
	Total Sales		96,930	0	2,722	(234)	2,488
<b>Month Ended July 31, 2014</b>							
PJM Interconnection, LLC		Econ Sales	7,493,270		183,306	2,908	186,214
	Total Sales		7,493,270	0	183,306	2,908	186,214
<b>Month Ended August, 2014</b>							
PJM Interconnection, LLC		Econ Sales	3,282,650		96,731	(11,526)	84,845
	Total Sales		3,282,650	0	96,731	(11,526)	84,845
<b>Month Ended September 31, 2014</b>							
PJM Interconnection, LLC		Econ Sales	14,987,550		376,291	68,223	444,514
	Total Sales		14,987,550	0	376,291	68,223	444,514
<b>Month Ended October 31, 2014</b>							
PJM Interconnection, LLC		Econ Sales	49,442,280		1,178,361	407,078	1,585,439
	Total Sales		49,442,280	0	1,178,361	407,078	1,585,439

Legend  
 Econ Sales - Economy Sales

**STAFF-DR-01-013**

**REQUEST:**

- a. Provide a schedule of the calculation of the 12-month average line loss by month for November 2012 through October 2014.
- b. Describe the actions that Duke Kentucky has taken to reduce line loss during this period.

**RESPONSE:**

- a. See STAFF-DR-01-013 Attachment.
- b. Changes to the Duke Energy Kentucky transmission and distribution systems are based on meeting planning criteria, which are intended to provide reliable system performance in a cost-effective manner. Loss reduction is a secondary goal, which may be considered, when appropriate, in deciding between various alternatives that serve the primary purpose of maintaining system performance. Typical system reinforcement projects do often result in reduced system losses. System projects completed by Duke Energy Kentucky from November 2012 through October 2014 that would be expected to have a loss reduction impact include the following:

**Transmission System Improvements:**

- There were no transmission system improvements during this time period that would be expected to have a loss reduction impact.

**Distribution System Improvements:**

- Installation of one new 12 kV distribution system supply transformer with a total capacity of 22.4 MVA.

**PERSON RESPONSIBLE:** Lisa Steinkuhl



Duke Energy Kentucky  
 12 Month Average Line Loss  
 November 2012 - October 2014

(1)	(2)	(3)	(4)	(5)	(6)
Month	Total kWh Sources 12 Months Ended Current Month	Total kWh System Losses 12 Months Ended Current Month	12 Months End % Losses	Total kWh Sources Current Month	Current Month Calculates System Losses (kWh)
			(3) / (2)		(4) x (5)
Nov-12	4,230,972,700	227,307,573	5.372470%	321,973,720	17,297,942
Dec-12	4,232,864,400	233,353,539	5.512900%	349,666,830	19,276,783
Jan-13	4,240,639,050	232,990,160	5.494220%	375,254,140	20,617,288
Feb-13	4,250,126,800	234,685,580	5.521850%	338,095,200	18,669,110
Mar-13	4,284,942,810	242,789,441	5.666110%	354,203,460	20,069,558
Apr-13	4,296,078,670	232,348,565	5.408390%	299,812,550	16,215,032
May-13	4,276,389,730	225,470,352	5.272450%	336,910,380	17,763,431
Jun-13	4,276,319,790	256,809,527	6.005390%	381,314,830	22,899,443
Jul-13	4,236,065,700	254,286,054	6.002880%	417,415,620	25,056,959
Aug-13	4,244,292,400	268,970,164	6.337220%	421,815,490	26,731,376
Sep-13	4,273,602,060	279,433,070	6.538580%	363,964,180	23,798,089
Oct-13	4,295,302,340	291,473,830	6.785870%	334,875,940	22,724,246
Nov-13	4,312,206,870	295,767,701	6.858850%	338,878,250	23,243,151
Dec-13	4,345,090,660	311,767,195	7.175160%	382,550,620	27,448,619
Jan-14	4,409,715,670	325,312,404	7.377170%	439,879,150	32,450,633
Feb-14	4,444,082,271	339,027,146	7.628730%	372,461,801	28,414,105
Mar-14	4,454,111,901	369,130,742	8.287420%	364,233,090	30,185,526
Apr-14	4,463,433,001	377,660,312	8.461210%	309,133,650	26,156,447
May-14	4,477,695,671	403,889,655	9.020030%	351,173,050	31,675,914
Jun-14	4,496,715,131	400,517,177	8.906880%	400,334,290	35,657,295
Jul-14	4,467,935,341	382,667,754	8.564760%	388,635,830	33,285,726
Aug-14	4,466,511,841	415,802,829	9.309340%	420,391,990	39,135,720
Sep-14	4,455,656,361	403,074,959	9.046370%	353,108,700	31,943,520
Oct-14	4,441,811,671	394,952,379	8.891700%	321,031,250	28,545,136

**Duke Energy Kentucky  
Case No. 2014-00454  
Staff First Set Data Requests  
Date Received: February 5, 2015**

**STAFF-DR-01-014**

**REQUEST:**

List Duke Kentucky's scheduled, actual, and forced outages between May 1, 2014 and October 31, 2014.

**RESPONSE:**

Please see Staff-DR-01-014 Attachment.

**PERSON RESPONSIBLE:** John Swez



Unit Name	Event Type	Month	Scheduled Hours	Forced Hours	Actual Hours	Event Start	Event End	Event Description
East Bend 2	PO	Mar-14	741		741	3/7/14 22:00	5/31/14 21:00	REHEAT/SUPERHEAT TUBE REPLACEMENT
East Bend 2	U1	Jun-14		91.283		6/5/14 8:20	6/9/14 3:37	BOILER TRIP ON HIGH DRUM LEVEL
East Bend 2	U1	Jun-14		73.1		6/14/14 3:54	6/17/14 5:00	REHEATER TUBE LEAK AT REHEAT INLET
East Bend 2	MO	Jun-14	250.517		250.517	6/17/14 5:00	6/27/14 15:31	REPLACE #4 BEARING
East Bend 2	MO	Aug-14	138.45		138.45	8/14/14 0:16	8/19/14 18:43	PRIMARY SUPERHEATER LEAK
East Bend 2	U1	Sep-14		142.733		9/2/14 8:40	9/8/14 7:24	SECOND SUPERHEAT OUTLET HEADER LEAK
East Bend 2	MO	Sep-14	119.617		119.617	9/11/14 23:22	9/16/14 22:59	CRACK IN REHEAT RELIEF VALVE WELD
Miami Fort 6	U1	May-14		76.267		5/3/14 19:48	5/7/14 0:04	TUBE LEAK
Miami Fort 6	U1	May-14		80.117		5/9/14 12:00	5/12/14 20:07	TUBE LEAK
Miami Fort 6	U1	May-14		16.483		5/15/14 7:51	5/16/14 0:20	BUS-A TRIP
Miami Fort 6	U1	May-14		90.967		5/22/14 3:58	5/25/14 22:56	TUBE LEAK
Miami Fort 6	U1	May-14		149.6		5/26/14 12:57	6/1/14 18:33	TUBE LEAK
Miami Fort 6	U1	Jun-14		112.917		6/4/14 7:04	6/8/14 23:59	WATER WALL TUBE LEAK
Miami Fort 6	U1	Jun-14		63.15		6/11/14 0:33	6/13/14 15:42	REHEAT PLATEN LEAK
Miami Fort 6	U1	Jun-14		75.817		6/26/14 19:51	6/29/14 23:40	WATERWALL LEAK
Miami Fort 6	U1	Jul-14		79.567		7/5/14 10:14	7/8/14 17:48	TUBE LEAK
Miami Fort 6	U1	Jul-14		74.133		7/16/14 21:12	7/19/14 23:20	TUBE LEAK
Miami Fort 6	U1	Jul-14		66.067		7/30/14 22:00	8/2/14 16:04	REHEAT TUBE LEAK REPAIR
Miami Fort 6	U1	Aug-14		12.967		8/28/14 7:37	8/28/14 20:35	LOST COAL TO FEEDER - TRIPPED ON DRUM LEVEL
Miami Fort 6	U1	Sep-14		124.483		9/13/14 21:56	9/19/14 2:25	WATERWALL TUBE LEAK
Miami Fort 6	U1	Oct-14		69.783		10/15/14 21:29	10/18/14 19:16	ECONOMIZER TUBE LEAK REPAIR
Woodsdale CT1	PO	May-14	104.433		104.433	5/12/14 6:00	5/16/14 14:26	Boroscope Inspection, Summer Prep
Woodsdale CT1	MO	Aug-14	1.483		1.483	8/29/14 12:52	8/29/14 14:21	Natural Gas Flowmeter Calibration
Woodsdale CT2	PO	May-14	102.25		102.25	5/12/14 6:00	5/16/14 12:15	Boroscope Inspection, Summer Prep
Woodsdale CT2	MO	Aug-14	1.667		1.667	8/29/14 12:50	8/29/14 14:30	Natural Gas Flowmeter Calibration
Woodsdale CT3	PO	May-14	76.15		76.15	5/19/14 6:00	5/22/14 10:09	Boroscope, Summer Prep
Woodsdale CT3	MO	Aug-14	1.417		1.417	8/28/14 13:05	8/28/14 14:30	Natural Gas Flowmeter Calibration
Woodsdale CT3	MO	Oct-14	4.25		4.25	10/3/14 11:00	10/3/14 15:15	Fire Protection Inspection and Test
Woodsdale CT4	PO	May-14	79.133		79.133	5/19/14 6:00	5/22/14 13:08	Boroscope, Summer Prep
Woodsdale CT4	MO	Aug-14	2.667		2.667	8/28/14 11:00	8/28/14 13:40	Natural Gas Flowmeter Calibration
Woodsdale CT4	MO	Oct-14	4.25		4.25	10/3/14 11:00	10/3/14 15:15	Fire Protection Inspection and Test.
Woodsdale CT5	PO	May-14	78.483		78.483	5/27/14 6:00	5/30/14 12:29	Boroscope, Summer Prep
Woodsdale CT5	SF	May-14		0.35		5/30/14 12:29	5/30/14 12:50	Variable inlet Guide Vanes in wrong position
Woodsdale CT5	MO	Aug-14	2.833		2.833	8/28/14 10:15	8/28/14 13:05	Natural Gas Flowmeter Calibration
Woodsdale CT5	MO	Sep-14	193.8		193.8	9/29/14 8:00	10/7/14 9:48	Install new Voltage Regulator Controls
Woodsdale CT5	MO	Oct-14	18.3		18.3	10/7/14 13:42	10/8/14 8:00	Install new voltage regulator controls
Woodsdale CT6	PO	May-14	80.733		80.733	5/27/14 6:00	5/30/14 14:44	Boroscope, Summer Prep
Woodsdale CT6	MO	Aug-14	1.25		1.25	8/28/14 9:30	8/28/14 10:45	Natural Gas Flowmeter Calibration
Woodsdale CT6	MO	Sep-14	225.817		225.817	9/29/14 8:00	10/8/14 17:49	Install new voltage regulator controls
Woodsdale CT6	MO	Oct-14	14.017		14.017	10/8/14 18:20	10/9/14 8:21	Install new voltage regulator controls

**Duke Energy Kentucky  
Case No. 2014-00454  
Staff First Set Data Requests  
Date Received: February 5, 2015**

**STAFF-DR-01-015**

**REQUEST:**

For each existing fuel contract categorized as long-term (i.e., one year or more in length), provide:

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

**RESPONSE:**

**East Bend**

Please reference Duke Energy Kentucky Case Nos. 2013-00265, 2013-00448, and 2014-00229 for the dates of November 1, 2012 – April 30, 2014. For this review period of May 1, 2014 – October 31, 2014, below are the existing fuel contracts categorized as long-term (*i.e.*, one year or more in length) to Duke Energy Kentucky.

- a. **Alliance River View (28376)**  
1717 South Boulder Ave., Suite 400  
Tulsa, OK 74119
- b. River View, KY
- c. February 14, 2013
- d. December 31, 2015
- e. N/A
- f. 2013 = 400,000; 2014 = 600,000
- g. 2013 = 349,392; 2014 YTD = 297,344
- h. 2013 = 87.3%; 2014 YTD = 99%
- i. 2013 = \$43.25; 2014 = \$46.50
- j. None
- k. 2013 = \$43.25; 2014 = \$46.50
  
- a. **Foresight Coal Sales, LLC (28584)**  
One Metropolitan Square  
211 North Broadway, Suite 2600  
St. Louis, MO 63102
- b. Hillsboro, IL

- c. September 10, 2013
- d. January 31, 2015
- e. N/A
- f. 2014 = 200,000
- g. 2014 YTD = 126,574
- h. 2014 YTD = 127%
- i. 2014 = \$37
- j. None
- k. 2014 = \$37

**MIAMI FORT #6:**

During this review period there were no long term coal contracts for Miami Fort 6.

**Natural Gas**

There are no long term contracts with suppliers that source and deliver gas to Company plants. The only long-term contracts that extend past one year are contracts with pipelines for transportation service.

**PERSON RESPONSIBLE:** Brett Phipps