

COMMONWEALTH OF KENTUCKY  
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

2014 JOINT INTEGRATED RESOURCE PLAN        )    CASE NO.  
OF DUKE ENERGY KENTUCKY, INC.            )    2014-00273

COMMISSION STAFF'S SECOND REQUEST FOR INFORMATION TO  
DUKE ENERGY KENTUCKY, INC.

Duke Kentucky Energy Kentucky Inc. ("Duke Kentucky"), pursuant to 807 KAR 5:001, is to file with the Commission the original and ten copies of the following information, with a copy to all parties of record. The information requested herein is due no later than November 3, 2014. Responses to requests for information shall be appropriately bound, tabbed and indexed. Each response shall include the name of the witness responsible for responding to the questions related to the information provided.

Each response shall be answered under oath or, for representatives of a public or private corporation or a partnership or association or a governmental agency, be accompanied by a signed certification of the preparer or the person supervising the preparation of the response on behalf of the entity that the response is true and accurate to the best of that person's knowledge, information, and belief formed after a reasonable inquiry.

Duke Kentucky shall make timely amendment to any prior response if it obtains information which indicates that the response was incorrect when made or, though correct when made, is now incorrect in any material respect. For any request to which Duke Kentucky fails or refuses to furnish all or part of the requested information, it

shall provide a written explanation of the specific grounds for its failure to completely and precisely respond.

Careful attention shall be given to copied material to ensure that it is legible. When the requested information has been previously provided in this proceeding in the requested format, reference may be made to the specific location of that information in responding to this request.

1. Refer to the response to Item 6.a. of Staff's First Request for Information ("Staff's First Request"). Identify and explain whether Table 4-A of the 2014 Integrated Resource Plan ("IRP") or the table listed in the response is a better indicator of demand-side management/energy-efficiency ("DSM/EE") program impacts.

2. Refer to the response to Item 12 of Staff's First Request.

a. Provide a detailed description of the rank-sort procedure that was used to generate a projection of peak weather.

b. Explain why the manner in which the peaks were generated for the 2014 IRP was changed from the way peaks were generated for Duke Kentucky's 2011 IRP.

c. Provide the peaks that would have resulted if the 90-10 process used in the 2011 IRP had been used in the 2014 IRP.

3. Refer to the response to Item 14 of Staff's First Request.

a. Identify the primary weather source Duke Kentucky used before it began using the National Oceanic and Atmospheric Administration as its primary source approximately 15 years ago.

b. Identify the length of the normalization period Duke Kentucky used before it began using a 10-year normalization period approximately seven years ago.

4. Refer to the response to Item 18 of Staff's First Request.

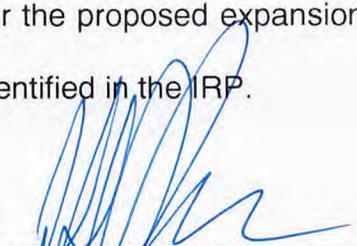
a. Provide the average line-loss percentage for each of the first three calendar quarters of 2014.

b. Explain in detail what is meant by "the large amount of mandated UEE that did not exist in the previous IRP."

5. Refer to the response to Item 19 of Staff's First Request. Describe what consideration has been given, if any, to lowering the thresholds in Duke Kentucky's economic development rider in order to attract industrial customers.

6. Refer to the response to Item 28 of Staff's First Request. Provide Duke Kentucky's total transmission demand losses at the time of its 2014 system peak.

7. Refer to Case No. 2014-00280<sup>1</sup> in which Duke Kentucky seeks approval to amend its DSM/EE portfolio to expand the scope of several residential programs and create a new non-residential program. Explain whether the proposed expansion of the DSM/EE portfolio is reflected in the DSM/EE impacts identified in the IRP.



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Jeff Derpuen  
Executive Director  
Public Service Commission  
P.O. Box 615  
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DATED OCT 17 2014

cc: Parties of Record

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<sup>1</sup> Case No. 2014-00280, Application of Duke Energy Kentucky, Inc. to Amend Its Demand-Side Management Programs (filed Aug. 15, 2014).

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