

Ernie Fletcher
Governor

Teresa J. Hill, Secretary
Environmental and Public
Protection Cabinet

Timothy J. LeDonne
Commissioner
Department of Public Protection

Timothy C. Mosher
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Commonwealth of Kentucky
Public Service Commission
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P.O. Box 615
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Telephone: (502) 564-3940
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Mark David Goss
Chairman

John W. Clay
Commissioner

February 8, 2007

RE: Case No. 2006-00507

Please see enclosed data request from Commission Staff in the above case.

If you need further assistance, please contact my staff at (502) 564-3940.

Sincerely,

A handwritten signature in black ink, appearing to read "Beth O'Donnell".

Beth O'Donnell
Executive Director

BOD/tw
Enclosure



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February 8, 2007

Honorable Mark R. Overstreet
Attorney at Law
Stites & Harbison
421 West Main Street
P. O. Box 634
Frankfort, KY 40602-0634

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COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

AN EXAMINATION OF THE APPLICATION OF)	
THE FUEL ADJUSTMENT CLAUSE OF)	
AMERICAN ELECTRIC POWER FROM)	CASE NO. 2006-00507
NOVEMBER 1, 2004 TO OCTOBER 31, 2006)	

COMMISSION STAFF'S INTERROGATORIES AND REQUESTS FOR
PRODUCTION OF DOCUMENTS TO AMERICAN ELECTRIC POWER

Pursuant to Administrative Regulation 807 KAR 5:001, Commission Staff requests that American Electric Power ("AEP") file the original and 5 copies of the following information with the Commission, with a copy to all parties of record. The information requested herein is due on or before February 23, 2007. Each copy of the information requested shall be placed in a bound volume with each item tabbed. When a number of sheets are required for an item, each sheet should be appropriately indexed, for example, Item 1(a), Sheet 2 of 6. Include with each response the name of the witness who will be responsible for responding to questions relating to the information provided. Careful attention shall be given to copied material to ensure its legibility. 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 AEP's response to Item 10 of the Commission's December 18, 2006 Order. AEP's internal average annual demand increased by 20 MW for the year ending October 31, 2005 compared to the year ending October 31, 2006, while AEP's maximum annual internal demand decreased by 20 MW. Explain whether the primary driver of the inverse results of the average and maximum average demands is weather

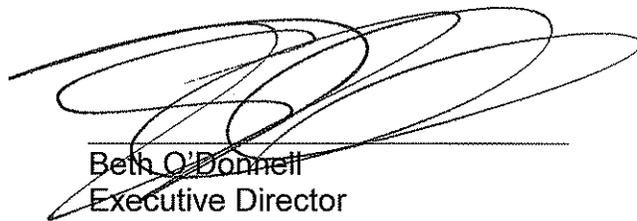
related. If there are other reasons for the results, include those reasons in the explanation.

2. Refer to AEP's response to Item 13 of the Commission's December 18, 2006 Order. Monthly line losses for the period under review range from 2.172 percent to 22.991 percent. Provide a narrative explanation of the reasons for such a wide range of losses, particularly for the losses of 22.991 percent in November 2004, which are considerably higher than any other month during the period.

3. Refer to AEP's response to Item 15 of the Commission's December 18, 2006 Order. Explain AEP's plans for replacing the coal tonnage shipments lost due to expiration of the Argus Energy contracts in December 2006.

4. Refer to AEP's response to Item 17 of the Commission's December 18, 2006 Order. Provide the underlying calculation of the monthly charge for each rate shown for Tariff OL and Tariff SL. If a light is not separately metered, include the calculation for the energy portion of the charge for each light.

5. Refer to AEP's response to Item 18 of the Commission's December 18, 2006 Order. Provide the costs on a cents per MMBtu basis for AEP and each of the four utilities included in AEP's comparison for the period from May 2006 through October 2006, or through the most recent month available.



Beth O'Donnell
Executive Director
Public Service Commission
211 Sower Boulevard
P. O. Box 615
Frankfort, Kentucky 40602

DATED February 8, 2007

cc: All Parties