

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

APPLICATION OF EAST KENTUCKY)
POWER COOPERATIVE, INC. FOR AN)
ORDER DECLARING THE PENDLETON)
COUNTY LANDFILL GAS TO ENERGY) CASE NO. 2006-00033
PROJECT TO BE AN ORDINARY)
EXTENSION OF EXISTING SYSTEMS)
IN THE USUAL COURSE OF BUSINESS)

COMMISSION STAFF'S FIRST DATA REQUEST
TO EAST KENTUCKY POWER COOPERATIVE, INC.

Pursuant to 807 KAR 5:001, Commission Staff requests that East Kentucky Power Cooperative, Inc. ("East Kentucky") file the original and 5 copies of the following information with the Commission on or before February 28, 2006, with a copy to all parties of record. 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 should 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. In response to Item 5 of the Commission's December 27, 2005 Order in Case No. 2005-00495,¹ East Kentucky provided outage reports for its generating units,

¹ Case No. 2005-00495, An Examination of the Fuel Adjustment Clause of East Kentucky Power Cooperative, Inc. From May 1, 2005 Through October 31, 2005.

including its landfill generating units. For the 6 months ended October 31, 2005, Green Valley Landfill Unit One experienced over 1,325 hours of forced outages due to lack of fuel. Green Valley Landfill Units Two and Three also experienced prolonged outages due to lack of fuel. Provide a detailed description of East Kentucky's experience regarding pre-construction forecasts of fuel availability versus actual operational fuel availability at its existing landfill gas generation units. In the explanation, state whether East Kentucky has revised its pre-construction estimate of available fuel supply at the Green Valley Landfill or revised its estimate of the useful lifespan of the Green Valley site.

2. Refer to Exhibit 1–3.0 of East Kentucky's January 23, 2006 application. The cost of the Pendleton County Landfill Gas To Energy Project's electrical energy is projected to be less than \$35 per MWh, based on a 95 percent availability factor. Provide all calculations performed to arrive at the projected energy cost. Include with the calculation an explanation of any assumptions made in arriving at the projected energy cost.



Beth O'Donnell
Executive Director
Public Service Commission
P. O. Box 615
Frankfort, KY 40602

DATED: February 15, 2006

cc: Parties of Record