

110 FERC ¶ 61,008
UNITED STATES OF AMERICA
FEDERAL ENERGY REGULATORY COMMISSION

Before Commissioners: Pat Wood, III, Chairman;
Nora Mead Brownell, Joseph T. Kelliher,
and Suedeen G. Kelly.

East Kentucky Power Cooperative, Inc.

Docket No. TX05-1-000

ORDER REQUESTING THE SUBMISSION OF ADDITIONAL
INFORMATION

(Issued January 6, 2005)

On October 1, 2004, East Kentucky Power Cooperative, Inc. (EKPC) filed an application for a Commission order requiring Tennessee Valley Authority (TVA) to interconnect the TVA transmission system with EKPC's transmission system (Application) under sections 210 and 212 of the Federal Power Act (FPA).¹ EKPC states that it proposes to establish three interconnections with TVA to allow it to provide full requirements service to a new customer, Warren Rural Electric Cooperative Corporation (Warren) beginning April 1, 2008, when Warren's current agreement with TVA expires. On November 1, 2004, TVA filed a response to EKPC's Application. The Commission needs the following information in order to consider EKPC's interconnection request. Certain information requested below may constitute Critical Energy Infrastructure Information per 18 C.F.R. § 388.113(c)(1) (2004), and may be filed as such.

Information Requested from EKPC

1. EKPC's inputs and procedures for establishing a base case and conducting a system impact study (SIS).
2. Text readable power flow files on CD-ROM or DVD-ROM of each SIS performed (base case, modified system, and any contingencies studied), with a description and summary of results for each case.
3. The description requested in item 2 must include detailed, color-coded one-line diagrams clearly showing all existing and proposed facilities affecting the study, including, but not limited to, Warren delivery points, TVA buses, EKPC buses, existing TVA and EKPC lines, proposed EKPC lines, and any existing or proposed third party facilities needed to transmit power to Warren.

¹ 16 U.S.C. §§ 824i and k (2000).

4. The description requested in items 2 must also indicate what is considered to be the SIS base case conditions, including, but not limited to, the timeframe of the SIS, whether the TVA ties serving Warren are open or closed, whether new generation expected to be in service as of 2008 or 2010 is included in the study, whether third party transmission agreements for existing and new generation are included, and whether backstop service and voltage support for EKPC is included.
5. Location, capacity and expected in-service date of any existing or future generation capacity (including long-term firm and non-firm purchases) that EKPC will use to provide service to Warren. Explain how electric power needed to provide service to Warren will be transmitted both contractually and physically. For example, a September 2004 press release by EKPC indicates that it is planning to build a new 278 MW coal generating unit to serve the Warren load. Indicate whether this new generation unit was reflected in EKPC's SIS and explain why or why not.
6. If EKPC plans to amend their SIS to include the 278 MW coal generation unit, explain what the new inputs would be and provide an estimated timeframe for conducting the amended study.
7. Special Protection Systems that would be required according to EKPC's contingency analysis to prevent cascading outages.
8. Identification of Control Area(s) and Reliability Coordinator(s) for Warren and EKPC. Provide for current operation and how it would change with Warren connected to EKPC.
9. In EKPC's November 22, 2004 Request for Leave to Answer and Answer, page 2 of the affidavit of Paul C. Atchison, states that EKPC is seeking the three "interconnections with TVA for reliability and voltage support. Additionally, EKPC will require reasonable backup service in event of emergencies or system outages." Please explain if this is an amendment to EKPC's original application to request the Commission to require the provision of backstop service and voltage support service from TVA. Does EKPC intend to seek any further services from TVA that may be needed to serve Warren?

Information Requested from TVA

1. TVA indicates in its response that, prior to EKPC's instant filing with the Commission, it informed EKPC during preliminary discussions that it would not wheel power for EKPC to Warren. TVA explained that section 212(j) of the FPA essentially precludes an order under section 211 if electric energy to be transmitted is "consumed" within TVA's statutory area of service. Section 15d of the

Tennessee Valley Act of 1933,² in turn, states that TVA's service area encompasses "the area for which [TVA] or its distributors were the primary source of power supply on July 1, 1957." Please indicate and provide documentation as to whether or not TVA was the "primary source of power supply" to Warren on that date.

2. TVA's inputs and procedures for establishing a base case and conducting an SIS.
3. Text readable power flow files on CD-ROM or DVD-ROM of each SIS performed (base case, modified system, and any contingencies studied), with a description and summary of results for each case.
4. The description requested in item 3 must include detailed, color-coded one-line diagrams clearly showing all existing and proposed facilities affecting the study, including, but not limited to, Warren delivery points, TVA buses, EKPC buses, existing TVA and EKPC lines, proposed EKPC lines, and any existing or proposed third party facilities needed to transmit power to Warren.
5. The description requested in item 3 must also indicate what is considered to be the SIS base case conditions, including, but not limited to, the timeframe of the SIS, whether the TVA ties serving Warren are open or closed, whether new generation expected to be in service as of 2008 or 2010 is included in the study, whether third party transmission agreements for existing and new generation are included, and whether backstop service and voltage support for EKPC is included.
6. A September 2004 press release by EKPC indicates that it is planning to build a new 278 MW coal generating unit to serve the Warren load. Indicate whether EKPC's proposed 278 MW coal generation unit was reflected in TVA's SIS and explain why or why not.
7. If TVA plans to amend their SIS's to include the 278 MW coal generation unit, explain what the new inputs would be and provide an estimated timeframe for conducting the amended study.

² 16 U.S.C. § 831n-4 (2000).

8. Special Protection Systems that would be required according to contingency analysis to prevent cascading outages.

The Commission orders:

EKPC and TVA are requested to submit additional information within 30 days of the date of this order, as discussed in the body of this order.

By the Commission.

Linda Mitry,
Deputy Secretary.