

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

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COMMISSION

In the Matter of:

THE APPLICATION OF EAST KENTUCKY POWER)
COOPERATIVE, INC. FOR A CERTIFICATE OF) **CASE NO**
PUBLIC CONVENIENCE AND NECESSITY FOR) **2005-00458**
THE CONSTRUCTION OF A 138 Kv ELECTRIC)
TRANSMISSION LINE IN ROWAN CO, KENTUCKY)

**PETITION FOR CONFIDENTIAL
TREATMENT OF INFORMATION**

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Comes now the petitioner, East Kentucky Power Cooperative, Inc. (“EKPC”) and, as grounds for this Petition for Confidential Treatment of Information (the “Petition”), states as follows:

1. This Petition is filed in conjunction with the filing of EKPC’s responses to Commission Staff’s First Data Request dated January 20, 2006 in this case, and relates to confidential information contained in those responses that is entitled to protection pursuant to 807 KAR 5:001 Section 7, KRS 61.878 (1) (c) 1, House Bill 59 which became effective June 20, 2005 and related law.

2. The information for which confidential treatment is requested is contained in the response to Staff Data Request 32, which relates to the ECAR Winter 2005-06 Assessment.


3. The grounds for requesting confidential treatment of the information identified in response to Data Request 32 is that ECAR prohibits its members from disclosing anything contained in this report beyond the Executive Summary. The reason for this is that this report provides the exact locations at which the entire regional transmission system would be most vulnerable to terrorist attack in order to cause the greatest amount of disruption to the electrical grid. Due to Homeland Security reasons, this must be kept confidential.

4. Along with this Petition, EKPC has enclosed one copy of the response to Data Request 32 on a CD-Rom in pdf format because of the length (559 pages) of this document. Everything in the document beyond the Executive Summary is to be considered designated as confidential. The release of this information as stated above would jeopardize the security of the regional transmission system and would therefore create a major threat to Homeland Security. This type of information has been exempted from the Open Records Law (KRS 61.870 through KRS 61.884) by House Bill 59 which was passed by the 2005 General Assembly and became effective June 20, 2005. EKPC has also enclosed 10 copies of the response to this data request to include only the Executive Summary. All other information on the CD-Rom is to be designated confidential.

WHEREFORE, EKPC respectfully requests the Public Service Commission to grant confidential treatment to the identified information and deny public disclosure of said information.

Respectfully submitted,

DALE W. HENLEY


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ATTORNEYS FOR EAST KENTUCKY
POWER COOPERATIVE, INC.

CERTIFICATE OF SERVICE

This is to certify that an original and 10 copies of the foregoing Petition for Confidential Treatment of Information in the above-styled case were hand delivered to the office of the Public Service Commission, 211 Sower Boulevard, Frankfort, Kentucky 40601, and one copy was mailed to each party of record, this 27th day of January, 2006.


SHERMAN GOODPASTER III

EXECUTIVE SUMMARY

This report presents an assessment of the expected performance of the ECAR bulk transmission system for the 2005/06 Winter season. The ECAR Transmission System Performance Working Group (TSPWG), under the direction of the ECAR Transmission System Performance Panel (TSPP), semiannually assesses the ECAR bulk transmission system and produces this report. The purpose of these assessments is to provide insight into the expected performance of the ECAR bulk transmission system and to identify potential transmission constraints under a wide range of system conditions for the upcoming peak load season. These insights and the trends that develop over time, not the absolute transfer capability values or voltage levels, should be the focus of the reader. This report is designed to serve as a tool for the Reliability Coordinators, Transmission Operators, and Transmission Planners by providing them with an indication of where transmission constraints are anticipated for the upcoming peak load season.

The transfer capabilities in this report are not the Available Transfer Capabilities (ATC) or the Total Transfer Capabilities (TTC) required under FERC Orders 888 and 889 for posting by the transmission providers on their respective OASIS sites. ***While all of these transfer capabilities are based on next-contingency analysis, numerous differences in study scopes and assumptions make valid comparisons virtually impossible. Some of these differences include different study periods, forced and scheduled facility outages, existing transmission reservations, and use of Transmission Reliability Margin (TRM) and Capacity Benefit Margin (CBM) that may vary with the time horizon. Consequently, there may be locations within ECAR where there may be little, if any, Available Transfer Capability (ATC) as posted by the applicable transmission providers on their respective OASIS sites for certain time periods during the upcoming peak load season.***

This report provides significant results and conclusions that are drawn from extensive studies conducted by the TSPWG. These studies provide a broad picture of the expected performance of the ECAR system with emphasis on identifying potential transmission constraints. The transmission owning and operating members of ECAR also conduct individual company assessments of the expected performance of their portion of the ECAR transmission network. These individual company assessments are subject to periodic peer review by other ECAR member companies and are documented separately from this region-wide assessment, although summaries are included in this report. In addition to these assessments, studies conducted by interregional study groups involving ECAR (such as MEN, MET, and VEM) are also documented separately from this assessment (but are discussed in this report as appropriate). Collectively, these separate assessments provide a comprehensive evaluation of the anticipated performance of the ECAR bulk transmission during the upcoming peak load season.

The study documented in this report examined the ability of the transmission system to support power transfers, using it as a gauge to assess overall system performance. The thermal and voltage results contained herein were obtained by analyzing simulated inter-regional, intra-regional, and trans-regional power transfers in many directions. These transfers were overlaid on several variations of the expected seasonal peak load conditions in order to stress the ECAR bulk transmission system. Since they were selected to stress the ECAR bulk transmission system, these transfers were not intended to reflect typical or expected generation availability or maintenance schedules. Therefore, they should not be construed as being normal or expected operating conditions. The intent of these transfer simulations was to determine potential ECAR system limits that could result from a variety of generation dispatch configurations, scheduled and unscheduled power flows, and transmission system contingencies. In addition, since the transfer capabilities and voltage levels documented in this report are based on only one set of forecast conditions for the period under study, they should not be considered absolute or optimal. They represent just one possible method of measuring and comparing the relative strength of the system from one season or study period to the next. Furthermore, the simulated transfers provide a means of analyzing the effect of day-to-day variations in transfer patterns across the ECAR transmission network, since they attempt to represent the combined impact of individual transfers that may occur on any given day.

Although this assessment attempts to stress the ECAR transmission network in many different ways, it is not possible to anticipate all possible operating conditions. Transfer capabilities can and do vary significantly as specific generation, transmission, and scheduled transfer conditions change. Therefore, this report should only be used as a guide for conditions that may arise during the upcoming peak load season. This report does not define absolute transfer capabilities or voltage levels, but rather identifies facilities that could limit transfers and provides a measure of the level of transfers that can be supported between various study areas. Because of the impracticality of studying all possible system operating conditions, it may be that transactions below the transfer capabilities reported herein may not be feasible under certain real-time operating conditions. Furthermore, it is possible that some load cannot be served under certain unusual, real-time operating conditions.

In addition, this report provides information about generation and transmission additions, and gives a relative indication of the expected performance of the ECAR transmission systems as compared to the previous year. As previously noted, this report does not attempt to determine Available Transfer Capabilities, the availability of transmission service, or provide a forecast of anticipated dispatch patterns for the coming season.