

W. DAVID DENTON
THOMAS J. KEULER
WILLIAM E. PINKSTON
LISA H. EMMONS
DAVID L. KELLY
THEODORE S. HUTCHINS*
GLENN D. DENTON*
STACEY A. BLANKENSHIP
MELISSA D. YATES*
NEAL D. OLIPHANT
DOUGLAS R. MOORE
ROBERT W. GOFF**
JACKIE M. MATHENY JR.
* Also Licensed To Practice in Illinois
** Also Licensed To Practice in Tennessee

**DENTON
&
KEULER**

ATTORNEYS AT LAW
A Limited Liability Partnership

PADUCAH BANK BUILDING SUITE 301
555 JEFFERSON STREET
P.O. BOX 929
PADUCAH, KENTUCKY 42002-0929

TELEPHONE
(270) 443-8253

FACSIMILE
(270) 442-6000

REAL ESTATE FACSIMILE
(270) 442-6034

WEB SITE
www.dklaw.com

February 10, 2012

MR. JEFF DEROUEN
EXECUTIVE DIRECTOR
PUBLIC SERVICE COMMISSION OF KENTUCKY
211 SOWER BOULEVARD
FRANKFORT KY 40602

RECEIVED

FEB 14 2012

PUBLIC SERVICE
COMMISSION

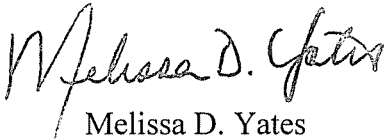
Re: Administrative Case No. 2011-00450

Dear Mr. Derouen:

Please find enclosed the original and 10 copies of Jackson Purchase Energy Corporation's responses to Requests for Information requested in the Appendix of the Order dated January 11, 2012 in Case No. 2011-00450, (An Investigation of the Reliability Measures of Kentucky's Jurisdictional Electric Distribution Utilities). Craig Gerke, Interim Vice President of Engineering, will be the witness responsible for responding to questions related to the information provided.

Should you need additional information concerning this filing, please contact me.

Sincerely,



Melissa D. Yates
myates@dklaw.com

Enclosure

dh: 145385

Administrative Case No. 2011-00450

In the Matter of:

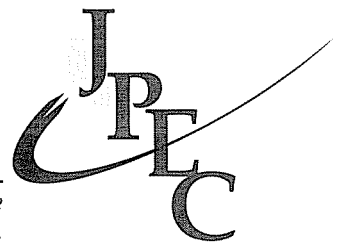
An Investigation of Reliability Measures of
Kentucky's Jurisdictional Electric
Distribution Utilities

February 9, 2012



A Touchstone EnergySM Partner

Your Cooperative Partner by Choice
Visit our Web Page at www.JPEnergy.com



APPENDIX

APPENDIX TO AN ORDER OF THE KENTUCKY PUBLIC SERVICE COMMISSION IN ADMINISTRATIVE CASE NO. 2011-00450 DATED JAN 11, 2012

1. The following questions relate to the data maintained by each utility.

a. Identify the number of circuits currently maintained by the electric utility.

Response: 90

b. Does the utility calculate separate SAIDI, SAIFI, and CAIDI indices for each circuit? If no, explain why not and explain the degree to which the utility tracks the following:

- 1)SAIDI;
- 2)SAIFI; and
- 3)CAIDI.

Response: Yes

c. Identify any other reliability indicator or measure the utility uses to assess reliability. Explain the significance of each indicator or measure used. Does the utility maintain these indicators or measures for each circuit?

Response: None

2. The following questions refer to the manner in which each utility calculates and tracks the SAIDI, SAIFI, and CAIDI indices.

a. Identify the manner in which the indices are calculated and tracked; i.e., manually (Excel spread sheet), or an electronic or mechanized (outage reporting) system.

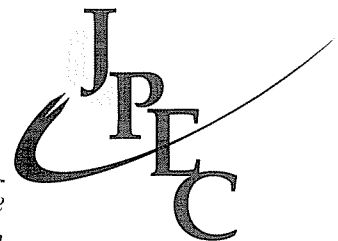
Response: Jackson Purchase Energy Corporation tracks outages electronically using a Trimble OMS (Outage Management System). The indices are then calculated manually using an excel spreadsheet.

b. If the response to Item 2.a. is electronic or mechanized, provide a description of the system and explain whether it was developed internally or purchased from a third-party vendor. If purchased from a third-party vendor, provide the name of the vendor and an estimate of the original cost of the system.

Response: The Outage Management System is a module of JPEC's Geographic Information System (GIS) which is a Trimble product.

c. If the response in Item 2.a. above is manually, provide a description of the elements tracked. Discuss in detail any inquiry made into the internal development of an electronic or mechanized system or any considerations of the purchase of a system from a third-party vendor.

Response: The elements tracked in the Excel spreadsheet used by JPEC include SAIDI, SAIFI, ASAI, and CAIDI.



3. Concerning SAIDI, SAIFI, and CAIDI reporting: the Commission directed that the reporting be based on the criteria and definitions set forth in the IEEE Standard.

a. If the utility does not follow the IEEE Standard, explain why not. Explain what standard(s) the utility does follow in its calculation of SAIDI, SAIFI, and CAIDI.

Response: JPEC follows the IEEE Standard.

b. Does the utility track and review SAIDI, SAIFI, and CAIDI monthly, quarterly or annually?

Response: JPEC tracks SAIDI, SAIFI, and CAIDI are tracked monthly.

c. Are SAIDI, SAIFI, and CAIDI tracked on a rolling 12-month period or for a more discrete period of time; i.e., monthly, quarterly, or annually?

Response: JPEC tracks the indices both monthly and on a rolling 12 month period.

d. Currently, in each annual report submitted pursuant to the Final Order in Case No. 2006-00494, each utility provides system-wide SAIDI, SAIFI, and CAIDI calculated for a calendar year. Identify any other preferred 12-month reporting parameter; i.e., calendar year, fiscal year, or some other 12-month method.

Response: JPEC prefers the use of the calendar year method.

e. Does the utility review SAIDI, SAIFI, and CAIDI by any discrete fashion such as by division, district, region or some other method?

Response: No.

4. The following questions relate to the requirement that each utility report the ten worst-performing circuits for each index in the annual report submitted pursuant to the Final Order in Case No. 2006-00494.

a. If the utility does not track SAIDI, SAIFI, and CAIDI for each circuit, explain how the ten worst-performing circuits are identified.

Response: JPEC tracks SAIDI, SAIFI, and CAIDI for each circuit.

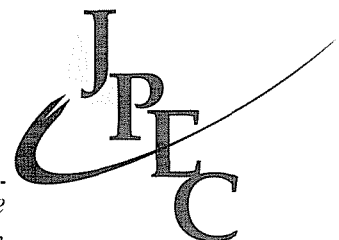
b. Does the utility see benefit in expanding the reporting of the worst performing circuits to the 15 or 20 worst-performing circuits for each index?

Response: JPEC does not see benefit in expanding the reporting of the worst performing circuits.

c. Identify any alternative to reporting the ten worst-performing circuits that the utility utilizes to determine system reliability.

Response: None

5. The following questions relate to the identification of the ten worst-performing circuits for each index.

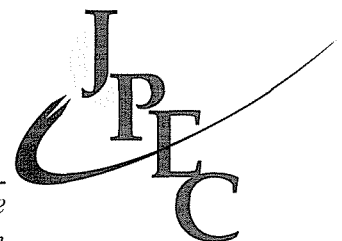


- a. Provide an explanation of the actions taken by the utility once the ten worst-performing circuits for each index have been identified. Include the typical steps taken to correct the reliability issues relating to the ten worst-performing circuits for each index.

Response: JPEC reviews the information for the ten worst performing circuits, but does not use this information to take corrective action. Because factors that affect the tracked indices can vary from circuit to circuit (i.e. number of members, right-of-way, etc.), JPEC has determined that it can provide better service to our members by correcting reliability issues as they are identified by JPEC personnel through line patrols, right-of-way and work order inspections or by our members through phone calls, emails, etc.


- b. Provide a timeline of the typical steps taken to correct reliability issues relating to the ten worst-performing circuits for each index.

Response: See response to 5.a.




VERIFICATION


Craig Gerke, being duly sworn, states that he has prepared the responses to the questions from the Commission Staff to Jackson Purchase Energy Corporation in Case No. 2011-00450 dated January 11, 2012, and that the responses are true and accurate to the best of his knowledge, information, and belief formed after a reasonable inquiry.



Craig Gerke, Interim Vice President of Engineering
Jackson Purchase Energy Corporation

Subscribed and sworn to before me by Craig Gerke as Interim Vice President of Engineering of Jackson Purchase Energy Corporation this 9th day of February 2012.



NOTARY PUBLIC  457050
STATE OF KENTUCKY
COUNTY OF MCCRACKEN
My Commission Expires 12-22-15



A Touchstone EnergySM Partner

Your Cooperative Partner by Choice
Visit our Web Page at www.JPEnergy.com

