


INTER COUNTY
ENERGY COOPERATIVE

A Touchstone Energy Cooperative 

January 5, 2007

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

RECEIVED

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PUBLIC SERVICE
COMMISSION

Re: Administrative Case No. 2006-00494
An Investigation of the Reliability Measures of Kentucky's Jurisdictional
Electric Distribution Utilities and Certain Reliability Maintenance Practices

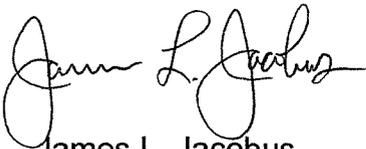
Dear Ms. O'Donnell:

Please find enclosed the original and seven (7) copies of the information requested in Administrative Case No. 2006-00494, An Investigation of the Reliability Measures of Kentucky's Jurisdictional Electric Distribution Utilities and Certain Reliability Maintenance Practices for Inter-County Energy Cooperative Corporation.

Marvin Graham, Vice President-Operations, will be our witness for all items of Appendix A.

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

Sincerely,



James L. Jacobus
President/CEO

JLJ/crl



A Touchstone Energy Cooperative 

**Administrative
Case No. 2006-00494**

**INTER-COUNTY ENERGY
COOPERATIVE CORPORATION**

P.O. Box 87
Danville, KY 40423-0087

APPENDIX A

APPENDIX TO AN ORDER OF THE KENTUCKY PUBLIC SERVICE
COMMISSION IN ADMINISTRATIVE CASE NO. 2006-00494
Dated December 12, 2006

1. Does utility management measure, monitor, or track distribution reliability?
a. If so, describe the measures used and how they are calculated.

SAIDI (System Average Interruption Duration Index). The total amount of interruption time divided by the average number of consumers.

- b. If reliability is monitored, provide the results for the past 5 years for system wide reliability.

SAIDI

Year	Consumers	Power Supply	Storms	Planned	Other	Total
2001	22534	0.35	0	0.15	1.67	2.17
2002	23220	0.24	0	0.02	2.75	3.01
2003	23672	0.08	1.69	0.01	2.31	4.09
2004	24852	0.06	0	0.02	3.69	3.77
2005	25287	0.31	0.65	0.06	1.25	2.27
5 Year Average (Hours)		0.208	0.468	0.052	2.334	3.062

Note: These values normally given to RUS.

2. Are any outages excluded from your reliability measurement? If so, what criteria are used to exclude outages?

Yes, those outages where equipment automatically restores service.

3. Does the utility differentiate between momentary and sustained outages?

Yes, momentary outages are not monitored.

- a. What criteria are used to differentiate?

Outages that require the dispatch of personnel are recorded.

b. Is information about momentary interruptions recorded?

No.

4. At what level of detail does the utility record customer outages (individual customer, by re-closer, by circuit, by substation, etc.)?

By the interrupting device.

5. How does the utility detect that a customer is experiencing an outage?

Phone call or visit to office.

6. How does the utility know when a customer is restored?

Report of personnel dispatched to outage and by calling consumers.

7. Are the causes of outages categorized and recorded? If they are, provide a list of the categories used. **Yes.**

CATEGORIES			
Weather	Planned For	Other	Caused By Others
- Lightning - Normal Wind - Tornado - Rain - Ice - Freezing	- Transformer Replacement - Pole Replacement - Line Conversion - Sub Maintenance - Equipment Maintenance - Line Testing - Other	- Equipment Failure - Equipment Overload - Trees - Damage By Others - Depreciated Installation - Faulty Construction - Operating Error - Faulty Design	- Trees - Insulation Broken - Cars - Antenna - Cattle - Animals - Sabotage

8. Can the utility record outage information for each circuit in the system including for each customer outage:

Individual customer outage information is not recorded.

a. Length of each disruption? **Yes.**

b. Number of customers affected by each disruption? **Yes.**

c. Number of customers served by each circuit. **Yes.**

d. Cause of each interruption? **Yes.**

9. If the answer to any part of Item 8 is no, what would be required to enable the utility to collect this level of data?

AMR with an outage reporting function.

- a. Provide an estimated cost to obtain this level of detail.

Four (4) million dollars.

- b. Provide an estimated timeline to implement such upgrades.

Three (3) years.

10. Does the utility follow any type of standard (e.g., ANSI A300) for trimming trees in or near to the distribution right-of-way?

No, the ability to maintain tree to distribution electric lines clearance is dependent upon the property owner through which the distribution electric line travels.

11. What criteria does the utility use to determine when vegetation maintenance or tree trimming is required?

Four (4) year line clearing cycle or report by company personnel or by consumer.

12. Is the tree trimming performed by utility personnel or by contractor? If by contractor, describe the controls management uses to ensure trees are trimmed per utility requirements.

Tree trimming is performed by contractors. Random inspections by the Maintenance Superintendent.

13. Is any portion of the utility system subject to local codes or ordinances regarding tree trimming or vegetation management?

No.

- a. Which areas of the system are covered by local codes or ordinances?
- b. For each covered area, what do the local codes or ordinances require?

14. How often does the utility clear its distribution easements?

Four (4) year cycle.

15. How much has the utility spent on distribution easement clearing for each of the last 5 years? Include the cost per mile expended.

2001 – 2005

<u>Year</u>	<u>Dollars Spent</u>
2001	\$ 510,005.64
2002	487,916.31
2003	551,680.62
2004	522,009.90
2005	<u>603,922.97</u>
Total	\$2,675,535.44

No cost per mile expended available.

16. What annual amount of money is included in the current retail rates for distribution easement clearing?

Budget for 2006 - \$745,008 (\$548,239 Spent Through October 2006)

Budget for 2007 - \$756,500

SERVICE LIST FOR ADMINISTRATIVE CASE NO. 2006-00494

(Copy of Appendix A responses for abovementioned case mailed by regular U.S. Mail to all listed parties.)

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