

# Grayson Rural Electric Cooperative Corporation

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January 10, 2007

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

RECEIVED

JAN 11 2007

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 Grayson Rural Electric Cooperative Corporation.

Should you need additional information concerning this filing, please contact me, Carol Hall Fraley, President & CEO at 606-474-5136.

Sincerely,

GRAYSON RURAL ELECTRIC  
COOPERATIVE CORPORATION



Carol Hall  
President & CEO

CHF/bcg

Enclosures

# Grayson Rural Electric

A Touchstone Energy™ Cooperative   
*The power of human connections*

Administrative  
Case No. 2006-00494

Grayson Rural Electric  
Cooperative Corporation  
109 Bagby Park  
Grayson, KY 41143

COMMONWEALTH OF KENTUCKY  
BEFORE THE PUBLIC SERVICE COMMISSION

In The Matter of:

AN INVESTIGATION OF THE RELIABILITY	)	
MEASURES OF KENTUCKY'S	)	ADMINISTRATIVE
JURISDICTIONAL ELECTRIC DISTRIBUTION	)	CASE NO. 2006-00494
UTILITIES AND CERTAIN RELIABILITY	)	
MAINTENANCE PRACTICES	)	

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?

Answer: No.

2. Are any outages excluded from your reliability measurement?

Answer: Not applicable.

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

Answer: Yes.

a. What criteria are used to differentiate?

Answer: We only monitor sustained outages.

b. Is information about momentary interruptions recorded?

Answer: No.

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

Answer: By line section, if reported by more than one member/consumer; otherwise, by individual.

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

Answer: By customer report.

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

Answer: By report of Cooperative Field Personnel.

7. Are the causes of outages categorized and recorded?

Answer: Yes, the categories are: fuses, insulators, lightning arrestors, line down, neutral down, ocr, pole, scheduled outage, storm, supplier, transformer, trees/right of way, wildlife and other.

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

Answer: Recording is not automated. However, each outage is recorded by length of disruption, number of customers affected, and the approximate number of customers served by each circuit.

a. Length of disruption?

Answer: Yes.

b. Number of customers affected by each disruption?

Answer: Yes.

c. Number of customers served by each circuit?

Answer: Yes, approximately.

d. Cause of each interruption?

Answer: 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?

Answer: Non applicable.

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?

Answer: Yes, ANSI A300 and RUS Standards.

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

Answer: Planned rotation, outages, line extensions, storm damage.

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

Answer: Grayson RECC uses right of way contractors who perform work to meet ANSI A300 and RUS standards, subject to daily/weekly inspections by Cooperative personnel and RUS Field Audits. Contractors use hand cutting methods, herbicide spraying, bulldozing and tractor/bush hogs.

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

Answer: No.

a. Which areas of the system are covered by local codes or ordinances?

Answer: None.

b. For each covered area, what do the local codes or ordinances require?

Answer: None applicable.

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

Answer: On a 6-7 year rotating basis.

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

Answer:        2001    \$476,629.00  
                  2002    \$788,259.00  
                  2003    \$755,215.00  
                  2004    \$844,489.99  
                  2005    \$842,066.00  
                  2006    \$878,136.00 (est.)  
                  No cost per mile expended available

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

Answer:        Budget for 2006        \$ 782,560.00  
                  Budget for 2007        \$1,122,150.00