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PUBLIC SERVICE
COMMISSION

April 7, 2010

Director of Engineering
Public Service Commission
P.O. Box 615
Frankfort, Kentucky 40602

RE: Administrative Case No. 2006-00494

With this letter Kenergy is filing its annual reliability reports as described in the October 26, 2007 order.

If you have further questions, please feel free to call.

Sincerely,

A handwritten signature in black ink, appearing to read "Gerald R. Ford". The signature is written in a cursive, flowing style.

Gerald R. Ford, P.E.
Vice President of Operations

Enclosures

Electric Distribution Utility Annual Reliability Report

SECTION 1: CONTACT INFORMATION

UTILITY NAME	1.1	Kenergy Corp
REPORT PREPARED BY	1.2	Robert Hayden
E-MAIL ADDRESS OF PREPARER	1.3	rhayden@kenergycorp.com
PHONE NUMBER OF PREPARER	1.4	800-844-4832

SECTION 2: REPORT YEAR

CALENDAR YEAR OF REPORT	2.1	2009
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SECTION 3: MAJOR EVENT DAYS

T_{MED}	3.1	15.408
FIRST DATE USED TO DETERMINE T_{MED}	3.2	1/1/2007
LAST DATE USED TO DETERMINE T_{MED}	3.3	12/31/2008
NUMBER OF MED IN REPORT YEAR	3.4	22

NOTE: Per IEEE 1366 T_{MED} should be calculated using the daily SAIDI values for the five prior years. If five years of data are not available, then utilities should use what is available until five years are accumulated.

SECTION 4: SYSTEM RELIABILITY RESULTS

Excluding MED

SAIDI	4.1	193.452
SAIFI	4.2	2.299
CAIDI	4.3	84.121

Including MED (Optional)

SAIDI	4.4	14,437.6
SAIFI	4.5	5.368
CAIDI	4.6	2,689.32

Notes:

- 1) All duration indices (SAIDI, CAIDI) are to be reported in units of minutes.
 - 2) Reports are due on the first business day of April of each year
 - 3) Reports cover the calendar year ending in the December before the reports are due.
 - 4) IEEE 1366 (latest version) is used to define SAIDI, SAIFI, CAIDI, and T_{MED}
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SECTION 5: OUTAGE CAUSE CATEGORIES

Excluding MED

CAUSE CODE DESCRIPTION		SAIDI VALUE
170 Right Of Way all causes	5.1.1	32.7167
107 Major Storm	5.1.2	24.27545
199 other cause	5.1.3	16.81528
195 Breaker Tripped Lightning	5.1.4	13.00047
190 Unknown	5.1.5	11.10641
143 Fuse Blown(M5-10 lightning)	5.1.6	9.83818
162 Pole Broken(public)	5.1.7	8.68818
108 Big Rivers (power supply)	5.1.8	8.63932
103 Conductor Failure ACSR	5.1.9	7.68323
137 Equipment Failure(overhead)	5.1.10	6.35878

CAUSE CODE DESCRIPTION		SAIFI VALUE
170 Right Of Way all causes	5.2.1	0.376
108 Big Rivers (power supply)	5.2.2	0.31702
199 other cause	5.2.3	0.26223
195 Breaker Tripped Lightning	5.2.4	0.16046
190 Unknown	5.2.5	0.12991
137 Equipment Failure(overhead)	5.2.6	0.10252
143 Fuse Blown(M5-10 lightning)	5.2.7	0.09078
103 Conductor Failure ACSR	5.2.8	0.08213
162 Pole Broken(public)	5.2.9	0.08073
140 Fuse Blown(squirrel)	5.2.10	0.06491

SECTION 6: WORST PERFORMING CIRCUITS

Excluding MED

CIRCUIT IDENTIFIER		SAIDI VALUE	MAJOR OUTAGE CATEGORY
031-03	6.1.1	835.1279	161 Pole Broken (wind)
031-04	6.1.2	776.2906	161 Pole Broken (wind)
031-02	6.1.3	651.1007	103 Conductor Failure ACSR
066-02	6.1.4	641.6453	162 Pole Broken(public)
084-04	6.1.5	625.8372	170 Right Of Way all causes
081-01	6.1.6	582.8061	190 Unknown
050-04	6.1.7	563.0796	121 Conductor Down (connector, clamp)
069-02	6.1.8	561.6222	170 Right Of Way all causes
081-04	6.1.9	529.5872	107 Major Storm
053-03	6.1.10	502.2655	195 Breaker Tripped Lightning

CIRCUIT IDENTIFIER		SAIFI VALUE	MAJOR OUTAGE CATEGORY
031-02	6.2.1	7.80525	163 Public(tore wire down)
031-04	6.2.2	6.40171	112 Conductor Failure Copper
069-02	6.2.3	5.65309	108 Big Rivers (power supply)
031-03	6.2.4	5.54651	190 Unknown
050-04	6.2.5	4.83391	121 Conductor Down (connector, clamp)
066-02	6.2.6	4.78632	103 Conductor Failure ACSR
081-01	6.2.7	4.67857	190 Unknown
081-04	6.2.8	4.6	170 Right Of Way all causes
084-04	6.2.9	4.03876	170 Right Of Way all causes
053-03	6.2.10	3.57568	195 Breaker Tripped Lightning

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Additional pages may be attached as necessary

SECTION 7: VEGETATION MANAGEMENT PLAN REVIEW

Kenergy's Vegetation Management efforts are continually evaluated to ensure adequacy and effectiveness. During 2009, approximately 939 miles of line were cleared which is consistent with the cycle length outlined in Kenergy's Vegetation Management Plan. The 2010 scope of work has been developed and is also consistent with Kenergy's cycle length. At this point, Kenergy does not anticipate any significant modifications to the vegetation management program in 2010.

SECTION 8: UTILITY COMMENTS
