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MAR 16 2009

PUBLIC SERVICE  
COMMISSION

March 11, 2009

Director of Engineering  
Public Service Commission  
211 Sower Boulevard  
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 fluid and cursive, written over a white background.

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

Enclosures

# Kenergy Corp Annual Reliability Report - 2008

## System Statistics:

All inclusive cause codes

Calendar Year	SAIFI	SAIDI (minutes)	CAIDI (minutes)	TMED
2004	2.069	157.151	75.970	10.40254
2005	1.801	131.631	73.102	12.32382
2006	2.327	181.089	77.818	10.28708
2007	2.104	141.375	67.191	11.32452
2008	2.285	153.727	67.291	7.685

## Kenergy Corp Annual Reliability Report - 2008

### Contributing Causes:

Cause Code	SAIFI
Power Supply	0.375
Right of Way	0.361
Equipment Failure (OH)	0.311
Unknown	0.141
Pole Broken (Public)	0.119
Other Cause	0.113
Conductor Failure ACSR	0.077
No Cause Found (wet conditions)	0.064
Fuse Blown (squirrel)	0.063
Major Storm	0.055

Cause Code	SAIDI
Right of Way	35.485
Equipment Failure (OH)	19.884
Power Supply	9.769
Major Storm	9.688
Unknown	8.171
Pole Broken (Public)	8.147
Conductor Failure ACSR	6.568
Fuse Blown (lightning)	4.904
Other Cause	4.438
No Cause Found (wet conditions)	3.615

Cause Code	CAIDI
Conductor Failure (UG Sec.)	202.016
Consumers Part	198.720
Major Storm	176.336
Conductor (loose connection)	154.000
Pole Broken (wind)	150.302
Transformer Failure	148.505
Transformer Failure (overload)	148.455
Conductor Failure (copper)	144.115
Pole Failure (decay)	143.075
Conductor Failure (UG Pri.)	130.907

## Kenergy Corp Annual Reliability Report - 2008

### Feeder Statistics:

<u>Feeder</u>	<u>SAIFI Index Value</u>	<u>Cause Code</u>
040-02	7.629	(170) Right Of Way all causes
013-01	6.943	(108) Big Rivers (power supply)
063-03	6.238	(153) Jumper (loose,broken)
014-03	5.782	(170) Right Of Way all causes
106-01	5.698	(137) Equipment Failure (OH)
013-04	5.244	(108) Big Rivers (power supply)
013-02	5.184	(108) Big Rivers (power supply)
071-04	5.152	(199) Other cause
080-02	5.123	(190) Unknown
040-01	5.000	(190) Unknown

<u>Feeder</u>	<u>SAIDI Index Value</u>	<u>Cause Code</u>
040-02	634.571	(170) Right Of Way all causes
063-03	529.586	(170) Right Of Way all causes
049-02	498.537	(108) Big Rivers (power supply)
090-04	475.286	(161) Pole Broken (wind)
040-03	445.318	(110) Conductor Failure (UG Pri.)
084-02	403.671	(170) Right Of Way all causes
050-04	387.172	(162) Pole Broken (public)
066-03	379.853	(170) Right Of Way all causes
012-06	376.913	(107) Major Storm
071-04	372.362	(199) Other cause

<u>Feeder</u>	<u>CAIDI Index Value</u>	<u>Cause Code</u>
058-06	277.000	(199) Other cause
071-03	242.013	(137) Equipment Failure (OH)
066-03	162.010	(161) Pole Broken (wind)
091-04	161.038	(187) Transformer Failure (other)
060-02	158.700	(120) Conductor (Sleeve Failure)
012-06	156.669	(107) Major Storm
025-04	155.131	(107) Major Storm
041-02	154.464	(107) Major Storm
041-04	149.977	(111) Conductor Failure (UG Sec.)
061-03	141.648	(107) Major Storm