



**KENTUCKY  
POWER**

A unit of American Electric Power

**Kentucky Power**  
P O Box 5190  
101A Enterprise Drive  
Frankfort, KY 40602  
KentuckyPower.com

5 March 2008

Elizabeth O'Donnell, Executive Director  
Public Service Commission  
Attn: James A. Welch  
211 Sower Blvd.  
P. O. Box 615  
Frankfort, KY 40602-0615

RECEIVED

MAR 6 2008

PUBLIC SERVICE  
COMMISSION

RE: Case No. 2005-00276

Dear Ms. O'Donnell:

Pursuant to the 2006 Sample Meter Testing Plan, Section I, paragraph 4, enclosed for filing is Kentucky Power Company's certified test results of all new meters received during CY 2007. Due to the voluminous nature of this report, the test results are being provided on a CD.

Also, pursuant to Section II (D)(3)(b) of the Plan, enclosed for filing is the Statistical Sampling Plan for the Company's 2007 Sample Test Results. As the report indicates, all 17 lots in the quality control program met the acceptable tests criteria.

If you have any questions regarding the attachments, please call me at 502/696-7010.

Sincerely,

Errol K. Wagner  
Director of Regulatory Services

Attachments

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Sample Test Report

AEP / Kentucky Power Company  
2007 Sample Test Results  
Kentucky

Based on: ANSI Z1.9 - 1993, Upper Limit - 102%, Lower Limit - 98%, AQL - 2.5, Table B3

Group Name	Meter Types				# of Meters in Service at time of the sample	# of meters sample tested	Average Accuracy (Bar X)	Standard Deviation (Sigma)	Pass or Fail
C1SR	C1SR	C1SX	0	0	11,417	100	100.01	0.122	Passed
K7C12	C1SR	0	0	0	12,237	100	100.03	0.119	Passed
K7I2B	I210	0	0	0	1,124	35	100.04	0.140	Passed
K7I2C	I210	0	0	0	10,750	100	100.11	0.176	Passed
K7I3C	I210	0	0	0	13,401	100	100.10	0.182	Passed
K7I2D	I210	0	0	0	1,830	50	99.97	0.251	Passed
K7I2E	I210	0	0	0	11,179	100	100.01	0.149	Passed
K7I2F	I210	0	0	0	2	2	100.00	0.141	Passed
K7I2G	I210	0	0	0	6,223	75	100.05	0.167	Passed
K7I2J	I210	0	0	0	13,862	100	100.04	0.254	Passed
K7I3J	I70S	0	0	0	14,582	100	100.12	0.174	Passed
K7I4J	I210	0	0	0	14,791	100	100.11	0.121	Passed
K7I5J	I210	0	0	0	14,335	100	100.12	0.274	Passed
K7I6J	I210	0	0	0	14,409	100	100.09	0.158	Passed
K7I7J	I210	0	0	0	7,873	75	100.04	0.126	Passed
K7I8J	I210	0	0	0	8,102	75	100.13	0.104	Passed
K7I2K	I210	0	0	0	446	25	100.12	0.128	Passed

Comments:

1)

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Meters removed in 2006 of Failed Groups:

Group Name	Meter Types	Years of Group Failure	Meters In service as of 12/31/2006	Removed or Tested in 2006	Plans for present year
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Comments:

1)

Prepared By: Gary Tredeau / 02-12-08