

C



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

RECEIVED

MAR 14 2007

PUBLIC SERVICE
COMMISSION

13 March 2007

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

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 2006. 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 2006 Sample Test Results. As the report indicates, all 18 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

Ms. Elizabeth O'Donnell

Page 2

13 March 2007

Bcc: (all via email w/o CD)

Timothy C. Mosher	- Frankfort
L. Joe Pemberton	- Ashland
Robert W. Wells	- Ashland
Alexander Yazdani	- Columbus
Gary Tredeau	- Columbus
Jack E. Carr	- Columbus
Tracie Campbell	- Columbus
Paul Dillie	- Columbus
Diane Roquemore	- Columbus
Thomas White	- Columbus
Melissa Wheeler	- Columbus
Kenneth Dimpfl	- Columbus
Steve Deskins	- Columbus
Judy K Tamagni	- Roanoke

Sample Test Report

AEP / Kentucky Power Company
2006 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	C1SX	0	0					
K6C1S	C1SR	C1SX	0	0	13,333	100	99.98	0.224	Passed
K6C12	C1SR	0	0	0	3,664	75	100.03	0.103	Passed
K6D41	D4S	0	0	0	6,195	75	99.87	0.516	Passed
K6D51	D5S	0	0	0	2,163	50	99.86	0.434	Passed
K6GE1	I50S	I55A	I55S	I60S	2,267	50	99.83	0.443	Passed
K6I21	I210	0	0	0	10,997	100	99.98	0.134	Passed
K6I22	I210	0	0	0	14,066	100	99.98	0.139	Passed
K6I71	I70S	0	0	0	14,195	100	99.95	0.335	Passed
K6I72	I70S	0	0	0	9,823	100	100.04	0.277	Passed
K6I74	I70S	0	0	0	11,027	100	99.97	0.375	Passed
K6I75	I70S	0	0	0	10,701	100	99.97	0.269	Passed
K6I77	I70S	0	0	0	12,668	100	99.82	0.343	Passed
K6I78	I70S	0	0	0	12,935	100	99.90	0.307	Passed
K6J31	J3S	0	0	0	429	25	99.59	0.711	Passed
K6J41	J4S	0	0	0	10,448	100	99.80	0.362	Passed
K6J51	J5S	0	0	0	9,441	75	99.81	0.397	Passed
K6MS1	MS	MSK	0	0	12,970	100	99.95	0.758	Passed
K6MS2	MS	MSK	0	0	6,416	75	99.83	0.406	Passed

Comments:

1)

Sample Test Report

AEP / Kentucky Power Company
2006 Sample Test Results
Kentucky

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

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
-	- : - : - : - : -	-	-	-	-

Comments:

1)

Prepared By: Gary Tredeau / 01-29-07