



**KENTUCKY
POWER**

A unit of American Electric Power

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

March 15, 2012

Jeff R. Derouen, Executive Director
Kentucky Public Service Commission
Attn: John V. Shupp, Electric Branch Manager
211 Sower Blvd.
P. O. Box 615
Frankfort, Kentucky 40602-0615

RECEIVED

MAR 15 2012

PUBLIC SERVICE
COMMISSION

Gentlemen:

RE: Case No. 2005-00276

Pursuant to the 2006 Sample Meter Testing Plan, Section I, paragraph 4, Kentucky Power Company is enclosing its certified test results of all new meters received during the calendar year of 2011. Due to the voluminous nature of this report, the test results are being provided on a CD, and Attachment A is an example of the data included on that CD.

In conformance with Section II (D)(3)(b) of the 2006 Sample Meter Testing Plan, the test results of the Statistical Sampling Plan are also attached and labeled Attachment B. As the report indicates, all 21 lots in the quality control program met the acceptable test criteria.

If you have any questions, please call me at 502-696-7010.

Sincerely,

Lila P. Munsey
Manager, Regulatory Services

Attachment

Kentucky Power
 Certified Meter Tests for Year 2011

CO_CD	OWNR	DEVC_CD	MFR_CD	MFR_DEVC_SER_NBR	RCVD_DATE	TEST_DATE	SRS_ACC_AF_FL	SRS_ACC_AF_LAG	SRS_ACC_AF_LL	SRS_ACC_AL_FL	SRS_ACC_AL_LAG	SRS_ACC_AL_LL
03	EH006	04	649937513	20110301	20110225	100.01	99.96	100.02	100.01	99.96	100.02	100.02
03	EH006	04	649937514	20110301	20110225	100.01	99.99	100.04	100.01	100.01	100.04	99.99
03	EH006	04	649937515	20110301	20110225	100.01	100.01	100.04	100.01	100.01	100.04	100.04
03	EH006	04	649937516	20110301	20110225	100.01	100.01	100.04	100.01	100.01	100.04	99.99
03	EH006	04	649937517	20110301	20110225	100.01	100.01	100.04	100.01	100.01	100.04	99.99
03	EH006	04	649937518	20110301	20110225	100.01	99.96	100.01	100.01	99.99	100.01	99.99
03	EH006	04	649937519	20110301	20110225	100.01	100.02	100.01	100.01	100.02	100.01	100.01
03	EH006	04	649937520	20110301	20110225	100.01	99.99	100.02	100.01	99.99	100.02	100.02
03	EH006	04	649937521	20110301	20110225	100.01	100.03	100.02	100.01	100.03	100.02	100.02
03	EH006	04	649937522	20110301	20110227	99.97	99.94	100.01	99.97	99.94	100.03	100.01
03	EH006	04	649937523	20110301	20110227	99.98	100.03	99.99	99.99	100.03	99.99	99.99
03	EH006	04	649937524	20110301	20110227	100.01	99.98	100.01	100.01	99.98	99.98	100.01
03	EH006	04	649937525	20110301	20110227	99.97	99.98	99.98	99.97	99.98	99.98	99.98
03	EH006	04	649937527	20110301	20110227	100.01	99.96	100.04	100.01	99.97	99.98	100.04
03	EH006	04	649937528	20110301	20110227	100.01	99.96	100.01	100.01	99.99	99.96	100.01
03	EH006	04	649937529	20110301	20110227	99.95	99.99	100.01	99.95	99.99	99.99	100.01
03	EH006	04	649937530	20110301	20110227	100.01	99.98	100.01	100.01	99.98	99.98	99.99
03	EH006	04	649937531	20110301	20110227	99.98	99.99	100.01	99.98	99.99	99.99	100.01
03	EH006	04	649937532	20110301	20110227	99.97	100.01	100.01	99.97	100.01	100.01	100.01
03	EH006	04	649937533	20110301	20110227	99.98	99.98	100.01	99.98	99.98	100.01	100.01
03	EH006	04	649937534	20110301	20110227	99.97	99.97	100.03	99.97	99.97	100.03	100.01
03	EH006	04	649937535	20110301	20110227	100.01	99.98	100.01	100.01	99.98	99.98	100.01
03	EH006	04	649937536	20110301	20110227	99.99	99.96	100.01	99.99	99.96	99.96	100.01
03	EH006	04	649937537	20110301	20110227	99.99	100.01	100.01	99.99	100.01	100.01	100.01
03	EH006	04	649937538	20110301	20110227	99.98	100.02	100.01	99.98	100.02	100.02	100.01
03	EH006	04	649937539	20110301	20110227	99.96	100.01	100.01	99.96	100.01	100.01	100.01
03	EH006	04	649937540	20110301	20110227	99.99	100.02	100.01	99.99	100.02	100.02	99.98
03	EH006	04	649937541	20110301	20110227	99.99	100.01	100.03	99.99	100.01	100.01	100.03
03	EH006	04	649937542	20110301	20110227	99.98	99.92	100.02	99.98	99.92	100.02	100.02
03	EH006	04	649937543	20110301	20110227	99.99	99.98	100.01	99.99	99.98	99.98	100.01
03	EH006	04	649937544	20110301	20110227	99.99	99.99	99.99	99.99	99.99	99.99	99.99
03	EH006	04	649937545	20110301	20110227	99.98	99.98	100.04	99.98	99.98	99.98	99.99
03	EH006	04	649937546	20110301	20110227	100.01	100.01	100.01	100.01	100.01	100.01	99.99
03	EH006	04	649937547	20110301	20110227	100.01	100.03	99.99	100.01	100.03	99.99	99.99
03	EH006	04	649937548	20110301	20110227	99.97	99.97	100.03	99.97	99.97	100.02	100.05
03	EH006	04	649937549	20110301	20110227	100.01	100.02	100.02	100.01	100.02	100.02	100.01
03	EH006	04	649937550	20110301	20110227	99.97	99.97	100.02	99.97	99.97	100.02	100.01
03	EH006	04	649937551	20110301	20110227	99.98	99.98	100.01	99.98	99.98	100.01	100.01
03	EH006	04	649937552	20110301	20110227	99.98	99.96	100.01	99.98	99.96	99.96	100.01
03	EH006	04	649937553	20110301	20110227	99.98	99.98	100.01	99.98	99.98	99.98	100.01
03	EH006	04	649937554	20110301	20110227	99.99	99.99	99.99	99.99	99.99	99.99	99.99
03	EH006	04	649937555	20110301	20110227	100.01	100.08	100.01	100.01	100.08	100.01	100.01
03	EH006	04	649937556	20110301	20110227	99.98	99.99	100.01	99.98	99.99	99.99	99.98
03	EH006	04	649937557	20110301	20110227	99.98	99.99	100.01	99.98	99.99	99.99	99.98
03	EH006	04	649937558	20110301	20110227	99.98	99.94	100.01	99.98	99.94	100.02	99.99
03	EH006	04	649937559	20110301	20110227	99.98	100.02	100.01	99.98	99.98	100.02	100.01
03	EH006	04	649937560	20110301	20110227	99.99	99.99	100.02	99.99	99.99	100.02	100.02
03	EH006	04	649937561	20110301	20110227	99.98	99.94	100.04	99.98	99.94	100.04	100.04
03	EH006	04	649937562	20110301	20110227	99.95	100.06	99.97	99.95	100.06	99.97	99.97
03	EH006	04	649937563	20110301	20110227	100.01	99.99	100.01	100.01	99.99	100.01	99.99
03	EH006	04	649937564	20110301	20110227	100.01	100.01	100.01	100.01	100.01	100.01	100.01
03	EH006	04	649937565	20110301	20110227	99.99	99.99	100.01	99.99	99.99	100.01	100.01
03	EH006	04	649937566	20110301	20110227	99.99	99.99	100.01	99.99	99.99	100.01	100.01
03	EH006	04	649937567	20110301	20110227	99.97	100.05	100.01	99.97	100.05	100.01	100.01
03	EH006	04	649937568	20110301	20110227	99.99	99.99	99.99	99.99	99.99	99.99	99.99
03	EH006	04	649937569	20110301	20110227	99.99	99.98	100.01	99.99	99.98	100.01	100.01
03	EH006	04	649937570	20110301	20110227	99.98	99.98	99.98	99.98	99.98	99.98	99.98
03	EH006	04	649937571	20110301	20110227	99.96	100.02	100.01	99.96	100.02	100.02	99.99
03	EH006	04	649937572	20110301	20110227	100.01	99.98	100.01	100.01	99.98	100.01	100.01
03	EH006	04	649937573	20110301	20110227	99.97	100.01	100.01	99.97	100.01	100.01	100.01
03	EH006	04	649937574	20110301	20110227	99.98	99.98	100.02	99.98	99.98	100.02	99.99
03	EH006	04	649937575	20110301	20110227	99.97	99.97	100.01	99.97	99.97	100.01	100.01
03	EH006	04	649937576	20110301	20110227	99.99	99.96	100.01	99.99	99.96	100.01	100.01
03	EH006	04	649937577	20110301	20110227	99.99	99.99	100.03	99.99	99.99	100.03	100.01
03	EH006	04	649937578	20110301	20110227	99.99	100.03	100.01	99.99	100.03	100.01	100.01
03	EH006	04	649937579	20110301	20110227	100.01	100.04	99.99	100.01	100.04	100.04	99.99
03	EH006	04	649937580	20110301	20110227	99.99	100.02	100.01	99.99	100.02	100.01	100.01
03	EH006	04	649937581	20110301	20110227	100.01	100.11	100.05	100.01	100.11	100.05	100.05

Sample Test Report

AEP / Kentucky Power Company
 2011 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 selection	# of meters sample tested	Average Accuracy (Bar X)	Standard Deviation (Sigma)	Pass or Fail
K1C11	C1SR	C1SX	0	0	10,469	100	100.05	0.145	PASSED
K1C12	C1SR	0	0	0	11,668	100	100.03	0.134	PASSED
K1I2B	I210	0	0	0	1,050	35	100.02	0.182	PASSED
K1I4C	I210	0	0	0	10,513	100	100.01	0.199	PASSED
K1I5C	I210	0	0	0	12,818	100	100.04	0.165	PASSED
K1I2D	I210	0	0	0	1,720	50	99.95	0.168	PASSED
K1I2E	I210	0	0	0	10,818	100	100.00	0.142	PASSED
K1I2F	KV2	0	0	0	1	1	100.06	0.085	PASSED
K1I2R	I210	0	0	0	5,669	75	99.95	0.095	PASSED
K1I2G	I210	0	0	0	6,041	75	100.06	0.160	PASSED
K1I2I	I210	0	0	0	2	1	100.00	0.007	PASSED
K1I3R	I210	0	0	0	11,540	100	99.95	0.076	PASSED
K1I3J	I70S	0	0	0	13,536	100	100.00	0.198	PASSED
K1I4J	I210	0	0	0	14,109	100	100.03	0.155	PASSED
K1I5J	I210	0	0	0	9,803	75	100.04	0.143	PASSED
K1I6J	I210	0	0	0	8,540	75	100.01	0.237	PASSED
K1I7J	I210	0	0	0	10,883	100	100.04	0.158	PASSED
K1I8J	I210	0	0	0	9,305	75	100.04	0.141	PASSED
K1I9J	I210	0	0	0	13,066	100	99.97	0.139	PASSED
K1I2K	I210	0	0	0	4,336	75	100.00	0.121	PASSED
K1PI1	I210	0	0	0	13,498	100	99.97	0.137	PASSED

Comments:

1)

Meters removed in 2011 of Failed Groups:

Group Name	Meter Types				Years of Group Failure	Meters In service as of 12/31/2011	Removed or Tested in 2011	Plans for present year
-	-	-	-	-	-	-	-	-

Comments:

1)

Prepared By: Diane S Roquemore / 02-28-2012