

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

THE APPLICATION OF AMERICAN)	
ELECTRIC POWER FOR APPROVAL)	CASE NO. 99-395
TO AMEND ITS PREVIOUSLY APPROVED)	
SAMPLE TESTING PLAN FOR SINGLE)	
PHASE AND POLYPHASE METERS)	

ORDER

On December 1, 1960, the Commission issued an Order in Administrative Case No. 106,¹ amending its rules and regulations to authorize electric utilities to adopt sample meter testing plans, subject to the approval of such plans by the Commission. Taking advantage of the Commission's amendments Kentucky Power Company applied for authorization to adopt and implement a sample meter testing plan on February 19, 1961.² The Commission approved Kentucky Power Company's plan on April 16, 1961 in Case No. 3922. On January 1, 1996, Kentucky Power Company began operating under the name of American Electric Power Company (AEP).

Pursuant to Administrative Case No. 106, all sample meter testing plans are to divide meters into separate groups to recognize differences in operating characteristics due to changes in design, taking into consideration date of manufacture and serial number. AEP complied with this mandate by classifying its meters into five groups with each group covering a certain period of manufacture. On June 14, 1999, AEP filed a

¹ Administrative Case No. 106, An Addition to Rule PSC:Elec-1-XIII.

² Case No. 3922, The Application of Kentucky Power Company for Approval of a Sample Testing Plan for Single Phase and Polyphase Meters.

letter requesting approval to amend its plan to reflect the groups and meter types set forth in Appendix A. The Commission will treat the letter as a motion.

The Commission, after consideration of the motion and evidence of record and being otherwise sufficiently advised, finds as follows:

1. That instead of reopening Case No. 3922, a new case should be established and the entire record of Case No. 3922 should be incorporated therein by reference.

2. That the proposal submitted by AEP does not materially change either the basic Commission requirements concerning sampling plans for residential electric meters or the current approved sampling plan of AEP and should be approved.

3. AEP should be required to test additional sample meters to make certain that at least 2 percent from Appendix A are tested annually to comply with the current rule. The requirement that no meter shall remain in service for 25 years without testing should not be waived.

4. AEP should continue to report its sample data annually in the required Commission format but should also be allowed to include in its report the bar x, sigma and group pass/fail data based on the ANSI Z1.9 standard.

5. All other provisions of the previously approved plan should remain in effect.

IT IS THEREFORE ORDERED that:

1. A new case shall be established and the entire record of Case No. 3922 shall be incorporated therein by reference.

2. AEP shall be allowed to amend its meter groups and types to those set forth in Appendix A.

3. AEP shall test additional sample meters to make certain that at least 2 percent from Appendix A are tested annually to comply with the current rule. The requirement that no meter shall remain in service for 25 years without testing is not waived.

4. AEP shall continue to report sample data in the required Commission format but shall be permitted to include in its report the bar x, sigma and group pass/fail data based on the ANSI Z1.9 standard.

5. All other provisions of AEP's plan approved in Case No. 3922 shall remain the same.

Done at Frankfort, Kentucky, this 1st day of October, 1999.

By the Commission

ATTEST:

Executive Director

APPENDIX A

APPENDIX TO AN ORDER OF THE KENTUCKY PUBLIC SERVICE COMMISSION
IN CASE NO. 99-395 DATED OCTOBER 1, 1999

<u>GROUP NAME</u>	<u>METER TYPES</u>	<u>INSTALLED</u>
170S	170S	69,500
MS	MS	31,262
J5S	J5S	14,540
J4S	J4S/J4ES	15,786
D4S	D4S	14,801
D5S	D5S	5,272
GE	I60/I55/I50	4,000
J3S	J3S	1,233
MQS	MQS	317
DS	DS/D2S	369
J2S	J2S	177
MKS	MKS	2