



CCF

139 East Fourth Street, R. 25 At II
P.O. Box 960
Cincinnati, Ohio 45201-0960
Tel: 513-419-1837
Fax: 513-419-1846
dianne.kuhnell@duke-energy.com

Dianne B. Kuhnell
Senior Paralegal

VIA OVERNIGHT DELIVERY

March 9, 2010

Mr. Jeff Derouen
Executive Director
Kentucky Public Service Commission
211 Sower Blvd.
Frankfort, KY 40601

RECEIVED

MAR 10 2010

**PUBLIC SERVICE
COMMISSION**

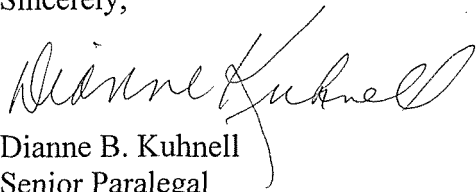
Re: *Teresa L. Cunningham v Duke Energy Kentucky, Inc.*
Case No. 2009-00333

Dear Mr. Derouen:

Enclosed please find an original and twelve copies of *Duke Energy Kentucky Inc.'s Report Regarding Form 4s Meters* in the above referenced matter.

Please date-stamp the two copies of the letter and the filings and return to me in the enclosed envelope.

Sincerely,



Dianne B. Kuhnell
Senior Paralegal

cc: Teresa L. Cunningham

BEFORE THE PUBLIC SERVICE COMMISSION

In the matter of:)
)
TERESA LYN CUNNINGHAM) Case No. 2009-00333
)
)
Complainant)
)
v.)
)
Duke Energy Kentucky, Inc.)
)
)
Defendant)

DUKE ENERGY KENTUCKY, INC.'S REPORT REGARDING 52 FORM 4S METERS

I. Introduction:

On February 2, 2010, the Kentucky Public Services Commission (Commission) issued an order dismissing with prejudice the above-styled proceeding. Included in that order was a request to Duke Energy Kentucky, Inc. (Duke Energy Kentucky or the Company) to file a report with the Commission within sixty days of completing its investigation of the 52 Form 4s meters installed in accordance with its AMI pilot project.

II. Investigation results:

The investigation of the 52 4s meters was completed. The investigation included a review of monthly readings for all of the 52 4s meters to look for anomalous readings and a 20% random field inspection and sampling of the 52 4s meters installed in the AMI pilot project. No anomalies were discovered in usage. All Form 4s meters tested were found to be wired correctly and no reverse registration was found when meters were probed with focus reconfigure tool software. Attachment A to this filing is the test report. The highlighted lines on the document

detail the location of the field inspected meters tested in accordance with the investigation of the 52 Form 4s meters.

III. Conclusion:

Duke Energy Kentucky performed the testing of the Form 4s meters and found through examination of meter readings and a random sampling in the field that all the meters were wired correctly when probed and tested with the software designed to test the accuracy of the AMI meters.

Respectfully submitted,

DUKE ENERGY KENTUCKY, INC.



Rocco O. D'Ascenzo (92796)
Counsel

Amy B. Spiller (85309)

Associate General Counsel

Duke Energy Kentucky, Inc.

139 East Fourth Street, Rm 25 AT II

Cincinnati, Ohio 45201-0960

Phone: (513) 419-1852

Fax: (513) 419-1846

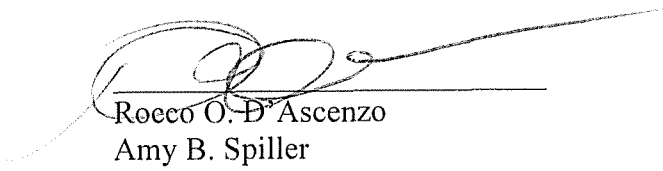
e-mail:

rocco.d'ascenzo@duke-energy.com

CERTIFICATE OF SERVICE

This is to certify that a copy of the foregoing Report has been served via
overnight mail to the following party on this 9th day of March 2010:

TERESA LYN CUNNINGHAM
4590 Burlington Pike
Burlington, KY 41005



Rocco O. D'Ascenzo
Amy B. Spiller

