



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 1 0 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:

Y .. 41. 44 C

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

319708

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

319708 2

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 5⁻⁷⁴ day of March 2010:

TERESA LYN CUNNINGHAM 4590 Burlington Pike Burlington, KY 41005

Roeco O. D'Ascenzo

Amy B. Spiller

319708

| 07001006 | 97081776 F | 97081804 E | 98185499 E | 98185494 E | | 98185496 E | 98185491 E | 97081780 E | 97081784 E | 97081786 E | 97081787 E | 97081785 E | 98185497 E | 97081783 E | 97081771 E | | 97081792 E | 97081817 E | 97081782 E | | 97081812 E | 97081805 E | 97081769 E | 97081764 E | 97081767 E | 970813CF E | 97081811 E | 97081819 E | 97081774 E | 97081772 E | 97081762 E | 97081818 E | 97081775 E | 97081773 E | 97081794 E | 97081810 F | 97081766 F | 97081778 E | 97081816 E | 97081798 E | 97081796 E | 97081809 E | 97081797 E | 97081799 E | 97081789 E | 97081791 E | 97081790 E | 97081788 E |
|----------------------|-----------------|------------|----------------|----------------|-------------|------------|----------------|------------|------------|------------|------------|------------|--------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------|------------|------------|-------------|----------------|-------------|------------|------------|-----------------|------------|------------|------------|---------------|---------------|---------------|--------------|-----------------|---------------|---------------|---------------|------------|---------------|---------------|---------------|--------------|--------------|------------|--------------|
| 5 5 | Δ | Ā | 5 | ₽ | ΙA | A | Ā | 5 | LA | LA | Ā | LA | Ā | Ā | <u></u> | ۵ ٔ | 5 | 5 | <u> </u> | > ! | Ā | 5 ! | Б ∄ | <u>-</u> 5 | - - | , S | <u> </u> | ~ ∑ | <u></u> | Ā | Ā | 5 | 5 | ⊊ <u>.</u> | A : | A | <u> </u> | 5 | Б | F | Ā | ` ⋤ | Ā | Ę | 5 | 5 ∃ | ∑ | Ā |
| 2 2 | ΔIF | ALF | ALF | ALF | ALF | ALF | ALF | ALF | ALF | ALF | ALF | ALF | ALF | ALF | ALF | ALF | ALF | ALF | ALF | ALF | ALF | ALF | ALF | ALF. | ALT. | ALF | ALF | ALF | ALF | ALF | ALF | ALF | ALF | ALF. | ALF | AIF | ALF | ALF | ALF | ALF | ALF | ALF | ALF | ALF | ALF | ALF | ALF | ALF |
| 0.00 | 20 | 40 | 40 | 40 | 80 | 80 | 40 | 40 | 40 | 40 | 20 | 40 | 80 | 40 | 40 | 20 | 20 | 40 | 40 | 40 | 20 | 40 | 20 | 20 | 40 | 40 | 40 | 20 | 40 | 20 | 40 | 20 | 20 | 40 | 20 | 40 | 40 | 60 | 40 | 80 | 80 | 40 | 40 | 40 | 40 | 40 | 40 | LA ALF 40 40 |
| Π. | | | | | [| 80 | 40 | 40 | | 40 1 | 20 1 | 40 1 | 80 1 | | | - | | | | | | | | 20 4 | | | - 1 | | 40 1 | 20 1 | 40 1 | | | | | | 40 40 | | 1 | 1 | 80 1 | 40 1 | | | | | | - 1 |
| 710770 | 1 66814 | 12866760 | 12933640 | 12932828 | 12932821 | 12932535 | 12932158 | 12866782 | 12866759 | 12866758 | 12866749 | 12866708 | 12933212 | 12866775 | 12866757 | 12866734 | 12866724 | 12866721 | 12866701 | 12866689 | 12866791 | 12866790 | 12866777 | 12866787 | 12065706 | 19/99871 | 12866772 | 12866700 | 12866812 | 12866805 | 12866756 | 12866762 | 12866811 | 12866776 | 12866725 | 12866810 | 12866737 | 12866736 | 12866702 | 12866784 | 12866774 | 12866735 | 12866635 | 12866607 | 12866779 | 12866703 | 12866789 | 12866765 |
| 4 1 | 41 | 41 | 47 | 47 | 47 | 47 | 47 | 41 | 41 | 41 | 41 | 41 | 47 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | , 4 1 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 41 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| מוניס סאי אוראי כווי | MEADOW VIEW CIR | RIVER RD | SQUIRE LAKE CT | SQUIRE LAKE DR | ROSEWOOD DR | ANGELA CT | SQUIRE LAKE DR | CECILIA DR | ST RT 491 | COLINA DR | CECILIA DR | CECILIA DR | EDENDERRY DR | LINDEN HILLS DR | SUNNYMEADE | GEORGETOWN | JONES RD | RICHWOOD RD | GENE | PERCIVAL RU | DIXIE HWY | SEDCO DR | OXFORD HILLS DR | LASSING WY | AYLOR LN | DUNCAN DR | PETERSBURG RD | PETERSBURG RD | PETERSBURG RD | NORTHREND RD | SADDI FRIDGE DR | BURLINGTON PK | BURLINGTON PK | FLINTRIDGE DR | MUSKET DR | CAMP ERNST RD | FLINTRIDGE DR | FLINTRIDGE DR | CHURCHILL DR | CLARKSTON LN | HICKS PK | US RT 42 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | rti. | | | | | | | | | | | | |
| Dist NOOL | DRY RIDGE | HEBRON | VILLA HLS | VILLA HLS | VILLA HLS | BROMLEY | VILLA HLS | VILLA HLS | GARDNRSV | BROMLEY | VILLA HLS | VILLA HLS | FT MITCHE | VILLA HLS | VIIIA HIS | VIIIAHIS | FT MITCHE | FT MITCHE | WALTON | RICHWOOT | WALION | WALTON | WALTON | UNION | WALTON | WALTON | WALTON | FLORENCE | IDLEWILD | IDLEWILD | PETERSBUI | HERRON | BUBLINGT | BURLINGTO | BURLINGTO | FLORENCE | FLORENCE | BURLINGTO | FLORENCE | FLORENCE | UNION | UNION | UNION | UNION |
| 3 6 | 9 | 80 | 8 | 80 | 80 | 80 | 80 | 80 | 90 | 80 | 80 | 80 | 80 | 80 | 80 | 80 . | 80 | 80 | 80 5 | 80 5 | 80 | 80 8 | 90 | 90 | 8 8 | 8 90 | 90 | 90 | 90 | 90 | 90 | 90 | 80 | 80 _6 | 80 8 | 80 8 | 80_9 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 9] | 90 | Į |
| 7, 1, | 21 | 21 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 18 | 18 | 17 | <u>;</u> ; | 1 13 | 3 1 | 12 | 12 | 11 | 11 | 11 | 10 | . | _ و | ی و | χο (C | <u>x</u> | <u> </u> | 6 | 5 | 5 | <u>ب</u> | 5 | υ | 2 | 2] | щ | ↦ |
| 307 05 | 370 05 | 385 OS | 392 05 | 392 05 | 392 OS | 365 05 | 392 OS | 392 05 | 370 OS | 365 OS | 392 05 | 392 05 | 389 05 | 392 05 | 392 05 | 392 OS | 392 OS | 392 05 | 392 05 | 397 05 | 355 05 | 355 05 | 370 05 | SOJOSE | 301.05 | 375 05 | 375 05 | 375 OS | 378 05 | 378 05 | 378 OS | 375 OS | 385 OS | 380 05 | 385 05 | 390 05 | 50 68E | 375 05 | 375 OS | 375 OS | 375 IS | 378 05 | 375 G | 375 OS | 375 OS | 375 OS | 370 OS | 90 1 370 05 |
| | | | | | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | | | | | | | | | | | | | |
| 2 1 | ٠,٠ | 21 | 2: | 21 | | 22 | 22 | 2: | 20 | 2: | 20 | 21 | | 21 | 21 | 2(| 2: | 2(| ا ب | 2(| 25 | 2 ! | 21 | . · | 7 7 | | | 2: | 2; | 25 | 2(| 2. | 21 | 2 ! | 21 | 2 ! | 27 24 | 2. | 21 | 2: | 2(| 2(| 2(| 2(| 21 | 20 | إ | 21 |