a PPL company
Jeff DeRouen
Executive Director
Kentucky Public Service Commission
211 Sower Boulevard
Frankfort, Kentucky 40601

February 28, 2013

Louisville Gas and Electric Company
State Regulation and Rates 220 W. Main Street
Louisville, KY 40202
www.Ige-ku.com

Martin I. Reinert
Sr. Regulatory Analyst 0 502-627-4173
marty.reinert@lge-ku.com

Re: In the Matter of: Joint Application of Inter County Energy Cooperative, Kentucky Power Company, Kentucky Utilities Company, Louisville Gas and Electric Company, Owen Electric Cooperative, Shelby Energy Cooperative, Inc., and the Union Light, Heat \& Power Company for Approval of a Pilot Meter Testing Plan Pursuant 807 KAR 5:041, Section 13, 15, 16, 17, and 22, Case No. 2005-00276

## Annual Report - Louisville Gas and Electric Company

Dear Mr. DeRouen:
The Kentucky Public Service Commission ("Commission") originally approved a pilot sample meter testing plan for participating electric utilities in its Order of December 12, 2000, in Case Number 99-441. On November 10, 2005, in Case No. 2005-00276, the Commission approved the 2006 Sample Meter Testing Plan submitted by participating electric utilities on a permanent basis effective January 1, 2006.

Pursuant to the 2006 Sample Meter Testing Plan (originally filed on July 1, 2005), Section $\mathrm{I}(4)$ and Section $\mathrm{II}(\mathrm{D})(4)$, Louisville Gas and Electric Company submits the following:

The Certified Test Results of all new meters received
(Attachment A)

> 2012 Statistical Sampling Test Results and Summary
> (Attachment B)

If you have any questions please do not hesitate to contact me.
Sincerely,


Marty J. Reinert

Cc: Kyle Willard, Engineering Director PSC

Attachments

## ATTACHMENT A

## Certified Test Results

## LG\&E and KU Energy LLC

## 5040 Annual Report of New Single

## Phase Meters

## Last Data Update:

02/11/2013 02:50:47

## Dynamic Filters

Plant
Calendar Month/Year
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|  |  |  | 01/26/2012 | 100.05 | 99.97 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| LG\&E |  | 0212012 | 01/26/2012 | 100.08 | 100.04 |  |
|  | 871522 | $02 / 2012$ | 01/26/2012 | 100.06 | 99.97 | 100.05 |
| LG\&E | 871523 | 02/2012 | $01 / 2612012$ | 100.09 | 100.06 | 100.07 |
| LG\&E | 871524 | 0212012 | 01/2612012 |  | 100.03 | 99.98 |
| LG\&E | 871525 | 0212012 | 01726/2012 | 100.09 | 99.93 | 100.04 |
| LG\&E | 871526 | 0212012 | 01/28/2012 | 100.05 | 99.95 | 100.02 |
| LG\&E | 871527 | 02/2012 | 01126/2012 | ${ }^{100.08}$ | 100.09 | 100.19 |
| LG\&E | 871528 | -02/2012 | 01/26/2012 | $\frac{100.07}{100.06}$ | 100.05 | 100.15 |
| LG\&E | 871529 | 02/2012 | 01/26/2012. | 100.07 | 99.94 | 100.06 |
| LG\&E | 871530 | 0212012 | 01/26/2012 | 100.09 | 99.96 | 100.09 |
| LG\&E | 871531 | 02/2012 | 01/26/2012 | 100.06 | 99.94 | 100.00. |
| LG\&E | 871532 | 02/2012 | 01/26/2012 | 100.06 | 100.03 | 100.15 |
| LG\&E | - 871533 | 02/2012 | 01/26/2012 | 100.09 | 100.03 | 100.00 |
| LG\&E | 8871534 | 0212012 | 01/26/2012 | 100.08 | 99.92 | 100.14 |
| LG\&E | +871535 | 02/2012 | $01126 / 2012$ | 100.09 | 100.07 | 100.12 |
| LG8E | -871536 | 02/2012 | $01126 / 2012$ | 100.05 | 99.91 | 100.08 |
| LG\&E | 871537 | $02 / 2012$ | 01/26/2012 | 100.07 | 99.92 | 100.17 |
| LG\&E | 871538 | 02/2012 | 01/26/2012 | 100.09 | 100.04 | 100.13 |
| LG\&E | 871539 | 02/2012 | 01/26/2012 | 100.07 | 100.12 | 100.19 |
| LG\&E | 871540. | 02/2012 | 01/26/2 | 100.09 | 99.97 | 100.01 |
| LG\&E | 871541 | $02 / 2012$ | 01/26/2012 | 100.09 | 100.04 , | 100.19 |
| LG\&E | 871542 | 0212012 | 01/26/2012 | $\underline{100.09}$ | 100.03 | 100.07 |
| LG\&E | 871543 | $02 / 2012$ | 01/26/2012 | 100.08 | 100.03 | 100.10 |
| LGEE | - 871544 | 0212012 | -01/26/2012 |  | 99.89 | 100.03 |
| LG\&E | 871545 | . 02/2012 | 01126/2012 | 100.08 | 100.03 | 100.16 |
| LG\&E | 871546 | 02/2012 | 01/26/2012 | 100.06 |  | 100.03 |
| LG\&E |  |  | . 01/26/2012 | 100.05 | 99.89 |  |
|  |  |  | 01/26/2012 | 100.06 | 100.08 | 100.16 |
| LG | 871548 | 0212012 | 01126/2012 | 100.08 | 99.93 | 100.08 |
| LG\&E | -871549 | 02/2012 |  | 100.10 | 99.84 | 100.07 |
| LG\& | 871550 | - 02/2012 | -01126/2012 |  |  |  |

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|  |  | 02/2012 | 01/26/2012 | 100.06 | 100.011 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| LG\&E |  |  | 01/26/2012 | 100.06 | 99.98 | 99.90 |
|  | 872062 | 0212012 | 012612012 | 100.06 | 100.00 | 100.09 |
| LG\&E | 872063 | 02/2012 | 01/2612012. |  | 99.98 . | 100.03 |
| LG\&E | 872064 | $02 / 2012$ | 01/26/2012 |  |  | 100.17 |
| LG\&E | 872065 | 02/2012 | 01/26/2012 | 100.09 |  |  |
| LG\&E | 872066 | $02 / 2012$ | 01/26/2012 | 100.06 | 100.07 | 100.21 |
| LG\&E |  | $02 / 2012$ | 01128/2012 | 100.06 | 100.00 | 100.03 |
| LGEE | 872067 | 0212012 | 01/26/2012 | 100.08 | 99.94 | 99.94 |
| LG\&E | 872068 | 0212012 | 01126/2012 | 100.07 . | 99.90 | 100.00 |
| LG\&E | 872069 | 0212012 | 01/26/2012 | 100.07 | 99.92 | 99.999 |
| LG\&E. | 872070 | $02 / 2012$ | 01/26/2012 | 100.08 | 99.97 | 100.07 |
| LG\&E | 872071 | 02/2012 | 01/26/2012 | 100.07 | 99.95 | 100.03 |
| LG\&E | 872072 | 02/2012 | 01/26/2012 | 100.06 | 99.86 | 100.04 |
| LG\&E | 872073 | $02 / 2012$ | $01 / 26 / 2012$ | 100.09 | 100.02 | 99.97 |
|  | 872074 | $02 / 2012$ | 012612012 | 100.07 | 99.89 | 100.01 |
| LG\&E | 872075 | 0212012 | 01/26/2012 | 100.05 | 99.98 | 100.05 |
| LG\& | 872076 | 02/2012 | 01/26/2012 | 100.09 | 99.99 | 100.17 |
| LG\&E | 872077 | 02/2012 | 01/26/2012 | 100.05 | 99.89 | 100.10 |
| LG\&E | 872078 | 02/2012 | 01/26/2012 | 100.09 | 99.86 | 99.96 |
| LG\&E | 872079 | 02/2012 | $01 / 26 / 2012$ $01 / 26 / 2012$ | 100.09 | 99.97 | 100.17 |
| G\&E | 872080 | 02/2012 |  | 100.08 | 99.99 | 100.01 |
| G\&E | 872081 | 02/2012 |  | 100.07 | 99.84 | 100.06 |
| LG\&E | 872082 | 02/2012 | 01/26/2012 | 100.06 | 99.97 | 100.00 |
| LG\&E | 872083 | $02 / 2012$ | 01/26/2012 | 100.08 | 100.05 : | 100.14 |
| LG\&E | 872084 | -0212012 | 01/26/2012 | 100.07 | 99.97 | 100.00 |
| LG\&E | 872085 | 02/2012 | 01126/2012 |  | 100.06 | 100.13 |
| LG\&E | 872086 | 02/2012 | 01/26/2012 | 100.07 | 100.01 | 100.17 |
| LG\&E | 872087 | $02 / 2012$ | 01/26/2012 | 100.06 |  | 100.04 |
| LG\&E |  | 02/2012 | 01/26/2012 | 100.05 | 99.94 | 100.04 |
| LG\&E |  |  | 01/26/2012 | 100.07 | 99.92 | 100.07 |
|  | \% 872089 | 0212012 | 01/26/2012 | 100.05 | 100.06 | 100.11 |
|  | + . 872090 | $\bigcirc 02 / 2012$ |  |  |  |  |




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|  |  |  | 07/16/2012 | 100.07 | 99.92 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 873961 | 07/2012 | 0711812012 | 100.09 | 100.08 | 100.14 |
| LG\&E | 873962 | 07/2012 | $07 / 16 / 2012$ | 100.07 | 100.01 | 100.21 |
| LG\&E | 873963 | $07 / 2012$ | 07116/2012 |  | 99.91 | 100.00 |
| LG\&E | 873964 | $07 / 2012$ | 07/16/2012 | 100.07 | 100.04 | 100.22 |
| LG\&E | 873965 | $07 / 2012$ | 07116/2012 | 100.06 | 100.04 | 100.00 |
| LG\&E | 873966 | $07 / 2012$ | $07 / 16 / 2012$ | 100.07 | 99.89 |  |
| LG\&E |  | $07 / 2012$ | 07116/2012 | 100.06 | 99.94 | 100.12 |
| G\&E | 873967 |  | 07116/2012 | 100.08 | 99.88 | 100.14 |
|  | 873968 | $07 / 2012$ | 07/16/2012 | 100.07 | 100.10 | 100.19 |
| G\&E | 873969 | 07/2012 | 07116/2012 | 100.10 | 99.93 | 100.04 |
| LG\&E | 873970 | 07/2012 | 07/16/2012 | 100.07 | 99.91 | 99.98 |
| LG\&E | 873971 | 0712012 | 07116/2012 | 100.08 | 99.86 | 100.20 |
| LG\&E | 873972 | $07 / 2012$ | 07116/2012 | 100.06 | 99.93 | 99.99 |
| LG\&E | 873973 | $07 / 2012$ | 07/16/2012 | 100.05 | 99.85 | 99.97 |
| LG\&E | 873974 | $07 / 2012$ | 07116/2012 | $\underline{100.05}$ | 99.95 | 100.03 |
| LG\&E | 873975 | $07 / 2012$ | 07/16/2012 | 100.06 | 99.97 | 100.13 |
| LG\&E | 873976 | 0712012 | 07116/2012 | 100.05 | 100.07 | 100.06 |
| LG\&E | 873977 | $07 / 2012$ | 07/16/2012 | $\frac{100.08}{100.08}$ | 100.07 | 100.10 |
| LG8E | 873978 | 0712012 | 07116/2012 | 100.08 | 100.07 | 99.99 . |
| LG\&E | 873979 | 07/2012 | 07/16/2012 | 100.09 | 100.04 | 100.16 |
| LG\&E | 80 | 0712012 | 07/16/2012 | 100.08 | $10.04:$ |  |
| LG\&E |  | 07/2012 | . 07/16/2012 | 100.07 | 99.97 |  |
| LG\&E |  | 0712012 | 07/16/2012 | 100.09 | 100.05 | 100.01 |
| LG\&E | 4873982 | 0712012 | 07/16/2012 | 100.08 | 99.87 | 100.07 |
| LG\&E | 873983 | $07 / 12012$ | $07 / 1612012$ | 100.06 | 100.08 | 100.15 |
|  | 57 873984 | - $07 / 2012$ | 07116/2012 | 100.10 | 99.87 | 100.23 |
|  | \%. 873985 | $07 / 2012$ | 0711612012 | 100.08 | 100.05 | 100.00 |
| LGEE | \%. 873986 | 07/2012 | 07116/2012 | 100.07 | 100.07 | 100.23 |
| LG\&E | 873987 | 0712012. | 07/16/2012 | 100.05 | 99.92 | 100.02 |
| LG\&E | -873988 | 07/2012 |  | 100.07 | 99.96 | 100.08 |
| LG\&E | $\bigcirc 873989$ | 0712012 | 07/16/2012 | 100.07 | 99.98 | 99.87 |
| LG\&E | -873990 | -07/2012 | 07/16/2012 | 100.01 |  |  |



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|  |  |  | 07/16/2012 | 100.08 | 99.90 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| LG\&E | 874111 | $07 / 2012$ | 07/16/2012 | 100.05 | 99.82 | 100.02 |
|  | 874112 | $07 / 2012$ |  | 100.07 | 99.83 | 100:19 |
| LG\&E | 874113 | $07 / 2012$ | 07/16/2012 | 10008 | 100.02 | 100.10 |
| LG\&E | 874114 | 07/2012 | 07/16/2012 | 100.08 | 9989 | 100.04 |
| LG\&E | 874115 | 0712012 | 07/16/2012 | 100.05 |  |  |
| LG\&E | :874. | 0712012 | 07/16/2012 | 100.06 | 99.84 | 100.20 |
| LG\&E | 874116 | 0712012 | 07/16/2012 | 100.08 | 100.02 | 100.21 |
| LG\&E | 874117 | 0712012 | 07/16/2012 | 100.09 | 100.01 | 100.06 |
| LG\&E | 874118 | $07 / 2012$ | 07116/2012 | 100.07 | 99.96 | 100.23 |
| LG\&E | 874119 | $07 / 2012$ | 0711612012 | 100.10 | 99.91 | 100.08 |
|  | 874120 | 07/2012 | 07/16/2012 | 00.08 | 100.07 | 100.15 |
| LG\&E | 874121 | 07/2012 | 07116/2012 | 100.10 | 99.92 | 99.95 |
| LGEE | 874122 | $07 / 2012$ | 07/16/2012 | 100.09 | 100.01 | 100.05 |
| LG\&E LG\&E | 874123 | 07/2012 | 07/16/2012 | 100.10 | 100.03 | 100.20 |
| LG\&E | 874124 | 07/2012 | 07/16/2012 |  | 99.98 | 99.95 |
| $\frac{\text { LG\&E }}{\text { LG\&E }}$ | 874125 | $07 / 2012$ | 07/16/2012 | 100.08 | 100.02 | 100.15 |
| LG\&E | 874126 | 0712012 | 07/16/2012 | 100.07 |  |  |
| LG\&E | 874127 | $07 / 2012$ | $07 / 16 / 2012$ | 100.10, | 99.971 |  |
| LG\&E | 874128 | $07 / 12012$ | 07116/2012 | 100.10 | 100.02 | 99.92 |
| LG\&E |  | 07/2012 | 07/16/2012 | 100.09 | 99.97 | 99.99 |
| LG\&E | 8874129 | $07 / 2012$ | 07/16/2012 | 100.10 | 100.07 , | 100.14 |
| LG\&E | 87413131 | $07 / 2012$ | 07/16/2012 | 100.09 | 100.02 | 100.03 |
| LG\&E | 874131 |  | 07/16/2012 | 100.09 | 99.97 | 99.84 |
| LG\&E | 874132 | $07 / 2012$ $07 / 2012$ | 07/16/2012 | 100.06 | 99.91 ] | 99.99 |
| LG\&E | 874133 |  | $07 / 16 / 2012$ | 100.10 | 100.05 | 100.15 |
| LG\&E | 874134. | $07 / 2012$ $07 / 2012$ | 07/16/2012 | 100.06. | 99.99 | 100.15 |
| Lg\&E | 874135 | 07/2012 | 07116/2012 | 100.07 | 99.87 | 100.03 |
| LG\&E | -874136 | $07 / 2012$ | 07/16/2012 | 100.10 | 99.88 | 100.19 |
| LG\&E | 874137 | -0712012 | 07/16/2012 | 100.08 | 100.00 | 100.16 |
|  | 874138 | 07/2012 | 07116/2012 | 100.09 | 99.91 | 99.98 |
|  | $\bigcirc 874139$ | 07/2012 |  | 100.05 | 99.95 | 100.00 |
|  | 874140 | 07/2012 | $07 / 1612012$ |  |  |  |

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|  |  |  | 07116/2012 | 100.06 | 99.89 | 100.03 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 874471 | 0712012 | $07 / 1612012$ | 100.06 | . 99.91 | 100.01 |
| LG\&E | 874472 | 07/2012 | $07 / 1612012$ | 100.06 | 99.96 | 100.05 |
| LG\&E | 874473 | $07 / 2012$ | 07116/2012 | 100.00 | 99.90 | 99.94 |
| LG\&E | 874474 | 07/2012 | 07/16/2012 | 100.06 | 99.92 | 100.01 |
| LG\&E | 874475 | $07 / 2012$ | 07116/2012 | 100.06 |  | $\underline{100.09}$ |
| LG\&E |  | $07 / 2012$ | 0711612012 | 100.05 | 99.95 | 100.09 |
|  | 874476 | 072012 | 07116/2012 | 100.09 | 99.91 | 99.99 |
| LG\&E | 874477 | $07 / 2012$ |  | 100.09 | 99.96 | 100.07 , |
| LG\&E | 874478 | 07/2012 | 07162012 | 100.06 | 99.90 | 100.15 |
| LG\&E | 874479 | 0712012 | 07116/2012 | 100.09 | 100.03 | 100.15 |
| LG\&E | 874480 | 07/2012 | 07116/2012 | 100.08 | 100.06 ; | 100.16 |
| LG\&E | 874481 | 07/2012 | 07/16/2012 | 100.08 | 99.89 | 99.98 |
| LG\&E LG\&E | 874482 | 07/2012 | 07/16/2012 | 100.09 | 100.04 | 100.04 |
| LG\&E | 874483 | 07/2012 | 07/16/2012 | 100.08 | 99.99 | 100.15 |
| LG\&E | 874484 | $07 / 2012$ | 07116/2012 | 100.05 | 100.07 | 100.07 |
| LG\&E | 874485 | $07 / 2012$ | 07/16/2012 | 100.09 | 100.03 | 100.02 |
| LGEE | 874486 | $07 / 2012$ | 07/16/2012 | 100.07 | 100.05 | 100.14 |
| LG\&E | 874487 | $07 / 2012$ | 07/16/2012 | 100.08 . | 99.97 | 99.91 |
| LGEE | 874488 | $07 / 2012$ | 07/16/2012 | 100.06 | 100.04 | 100.17 |
| LG\&E | 874489 | - 0712012 | 07116/2012 | 100.08 | 99.84 | 100.13 |
| LG\&E | - 874490 | 00712012 | 07/16/2012 | 100.06 | 99.87 | 99.89 |
| LG\&E | - 874491 | $07 / 2012$ | $07 / 1612012$ | 10.06 | 100.08 | 100.10 |
| LG\&E | - 874492 | 0712012 | 07/1612012 | 10.09 | 100.08 | 100.11 |
| LG\&E | -874493 | $07 / 2012$ | 07/16/2012 |  | 100.04 | 100.08 |
| LG\&E | 874494 | $07 / 2012$ | 0711612012 | 100.05 | 100.01 ] | 100.19 |
| LG\&E | 874495 | $07 / 2012$ | $07 / 16 / 2012$ | 100.08 | 100.01 | 100.23 |
| LG8E |  | 07/2012 | 07/16/2012 | 100.09 |  | 100.14 |
| LG\&E |  | 07/2012 | - $07 / 1612012$ | 100.06 | 100.00 | 100.14 |
| LG\&E |  | 0712012 | 07/16/2012 | 100.09 | 99.99 | 100.05 |
|  | $\cdots$ - 874498 |  | 07/16/2012 | 100.06 | 99.95 | 100.04 |
| LG\&E | - 8 874499 | 07/2012 |  | 100.06 | 99.88 | 100.05 |
| LG\&E | - 874500 | $07 / 2012$ | 07/16/2012 |  |  |  |

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[^1]:    LG\&E

[^2]:    LG\&E

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