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## PUBLIC SERVICE COMMISSION



Mr. Jeff DeRouen Executive Director Kentucky Public Service Commission 211 Sower Boulevard Frankfort, Kentucky 40602-0615

May 16, 2013

Louisville Gas and Electric Company State Regulation and Rates 220 West Main Street PO Box 32010 Louisville, Kentucky 40232 www.lge-ku.com

Rick E. Lovekamp Manager - Regulatory Affairs T 502-627-3780 F 502-627-3213 rick.lovekamp@lge-ku.com

RE: GLEN AND PATRICIA A. DAMRON V. LOUISVILLE GAS AND ELECTRIC COMPANY - Case No. 2013-00008

Dear Mr. DeRouen:

Enclosed please find an original and ten copies of the Status Report of Louisville Gas and Electric Company in the above-referenced case.

Please contact me if you have any questions concerning this filing.

Sincerely,

Rick E. Lovekamp

cc: Glen and Patricia A. Damron

### COMMONWEALTH OF KENTUCKY

### BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

GLEN AND PATRICIA A. DAMRON	)
COMPLAINANTS	)
v.	) CASE NO. 2013-00008
LOUISVILLE GAS AND ELECTRIC COMPANY	) ) )
DEFENDANT	) )

\* \* \* \* \* \*

## STATUS REPORT OF LOUISVILLE GAS AND ELECTRIC COMPANY

The following Status Report of Louisville Gas and Electric Company ("LG&E" or the "Company") is being filed in accordance with the Kentucky Public Service Commission's ("Commission") request that it be filed as directed at the Informal Conference held between the parties on April 16, 2013.

The purpose of this Status Report is to address the concerns raised by Mr. Damron in the Informal Conference held April 16, 2013, reiterate LG&E's desire to resolve the matter, and provide other information which may assist the Commission in its review of the complaint. Below is a summary regarding LG&E's outreach and discussions with Mr. Damron to attempt resolution of his complaint since the Informal Conference.

On April 26, 2013, LG&E representatives (Scott Cooke, Julie Stethen, and Steve Woodworth) met with Mr. Damron at his residence (Mrs. Damron was not present). The following issues specific to the Damrons' formal complaint and those raised during the informal conference were reviewed and discussed with Mr. Damron:

- Damage to creek stone column Mr. Damron showed LG&E representatives the concrete column he believes was damaged by LG&E crews during restoration activities from the January 2012 tornado. According to Mr. Damron, a contractor he contacted stated the original estimate of \$700 would not cover the repair of this column due to the age of the estimate. While Mr. Damron previously accepted a \$700 payment from LG&E in exchange for a release of his claims concerning alleged damage in January 2012 (a copy of the signed release is attached hereto as Exhibit A), to provide further assistance to the Damrons, Ms. Stethen offered to solicit additional bids to determine what it would take to repair the column beyond the \$700, if applicable. LG&E has provided this information to Mr. Damron.
- Accuracy of the original meter (no. 384880) LG&E representatives gave Mr. Damron a bound presentation further explaining why the original electromechanical meter was functioning properly. A copy is attached as Exhibit B. Mr. Cooke and Mr. Woodworth answered Mr. Damron's questions concerning the presentation. A parallel test and the potential cost were also discussed. LG&E representatives asked Mr. Damron if he would like an electronic meter with automatic meter reading (AMR) capabilities installed at his home. He appeared interested in the electronic meter, and Mr. Cooke agreed to send information (see Exhibit C) to Mr. Damron about electronic meters, which was mailed to Mr. Damron on May 1, 2013.

Current Status: LG&E will install an electronic meter with AMR capability on the Damrons' electric meter and an AMR device on their gas meter. Mr. Damron asked to be present when the devices are installed, and Mr. Woodworth agreed LG&E would coordinate that with Mr. Damron. Regarding further testing of meter no. 384880, LG&E representatives have advised Mr. Damron that LG&E is not opposed to another test, should the Commission determine it is necessary. However, LG&E believes the two tests already performed are sufficient evidence that the meter in question was operating within tolerance parameters.

- Removal of neighbor's tree that could pose an outage risk Ms. Stethen confirmed for
  Mr. Damron that his neighbor's tree is not within LG&E's recorded easement; therefore,
  LG&E is not authorized to trim the tree beyond the easement and cannot remove the tree
  without consent from the property owner.
- Mr. Damron offered to drop his complaint if LG&E moved the electric distribution lines from his property to across the street. LG&E representatives advised Mr. Damron that relocating the lines could not be done at the Company's expense.
- LG&E offered to perform a home energy audit on the Damrons' home. Mr. Damron declined the offer.

**WHEREFORE**, for all reason set forth above, Louisville Gas and Electric Company respectfully requests:

- (1) that the Complaint herein be dismissed without further action being taken by the Commission;
  - (2) that this matter be closed on the Commission's docket; and
  - (3) that LG&E be afforded any and all other relief to which it may be entitled.

Dated: May 16, 2013

Respectfully submitted,

Allyson K. Sturgeon

Senior Corporate Attorney

LG&E and KU Services Company

220 West Main Street

Louisville, Kentucky 40202

(502) 627-2088

Counsel for Louisville Gas and Electric Company

### **CERTIFICATE OF SERVICE**

The undersigned hereby certifies that a true and correct copy of the foregoing Status Report was served on the following on the 16th day of May, 2013, U.S. mail, postage prepaid:

Glen Damron Patricia A. Damron 3605 Ten Broeck Way Louisville, KY 40241

Counsel for Louisville Gas and Electric Company

# Exhibit A

### RELEASE OF CLAIM

### ClaimVA36-1-02012230660

The Undersigned, being of lawful age, for sole consideration of Seven Hundred Dollars (\$700.00) to be paid to Glen Damron do/does hereby and for y/our/its heirs, executors, administrators, successors and assigns release, acquit and forever discharge Louisville Gas & Electric Co. and his, her, their, or its agents servants, successors, heirs, executors, administrators and all other persons, firms, corporations, associations or partnerships of and from any and all claims, actions, causes of action, demands, rights, damages, costs, loss of service, expenses and compensation whatsoever, which the Undersigned now has/have or which may hereafter accrue on account of or in any way growing out of any and all known and unknown, foreseen and unforeseen bodily and personal injuries and property damage and the consequences thereof resulting or to result from the accident, casualty or event which occurred on or about the 18th day of January 2012, at or near 3605 Ten Broeck Way. Louisville KY. It is understood and agreed that this settlement is the compromise of a claim.

The Undersigned further declare(s) and represent(s) that no promise, inducement or agreement not herein expressed has been made to the Undersigned, and that this Release contains the entire agreement between the parties.

This "Release Of Claim" is limited solely to the incident, accident, casualty or event occurring on or about January 18, 2012 at or near 3605 Ten Broeck Way, Louisville KY 40241. In the cause of which the undersigned claims the stone light column on the north side of the driveway at the above address was damaged. This damage claim will be released upon the payment of \$700.00.

THE UNDERSIGNED HAS READ THE FOREGOING RELEASE AND FULLY UNDERSTANDS IT.

Date Signed	10/30/12	
I/We Ble	n Damie	W
The surfree survey of the surv	(Signature)	
]/We		
	(Signature)	,

Copy PSC 12/27/12

# Exhibit B



PPL companies

## **Summary for Glen Damron**

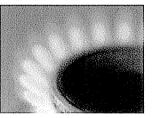
3605 Ten Broeck Way

April 26, 2013













## Informal Conference

- On April 16, 2013 Mr. Damron and LG&E met with the KPSC regarding the formal complaint filed on January 2, 2013.
- KPSC recommended that both sides continue discussions about the accuracy of the meter and other ancillary issues identified by Mr. Damron.
- Meeting scheduled for April 26, 2013 to continue these discussions. LG&E representatives include:
  - Steve Woodworth, Director Revenue Collection
  - Scott Cooke, Manager Metering Assets
  - Julie Stethen, Lead Customer Relations Specialist
- By May 16, 2013 both parties must provide a status report to the KPSC stating their position after continued discussions



## Mr. Damron's Concerns

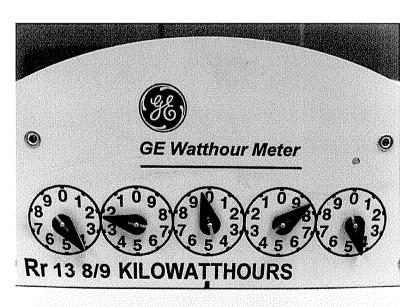
- The main issue is the accuracy of the original meter, 384880
- Settlement amount for the damaged concrete column in front of property may not cover expenses
- Replacement of damaged mailbox caused by Wright Tree Service
- Removal of neighbor's tree that could pose an outage issue



## Misaligned Dial

Despite the misalignment, the three step rule for meter reading successfully addresses this alignment concern:

- 1. A meter should be read from right to left
- 2. Record the smaller number when a hand is between two numbers
- 3. Record one less than the hand indicates if the hand on the dial to the right is not past the zero

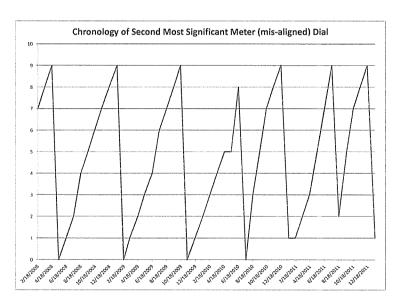


- <u>Rule two</u> would make the second most significant digit a 2 (smaller number when hand between two numbers)
- <u>Rule three</u> would make the 2 a 1 (record one less than the hand indicates if the hand on the dial to the right is not past zero)

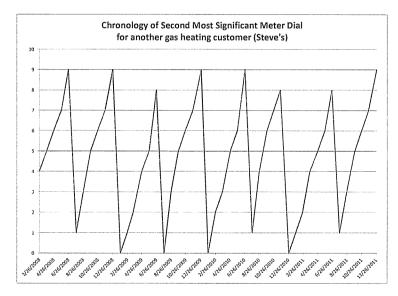


## Misaligned Dial - Continued

- Meter readings show that the second most significant digit changes from read to read in a pattern that is reasonable of a meter functioning properly
- See charts below comparing two different residences where the second most significant digit changes over a four year period



Mr. Damron's Residence

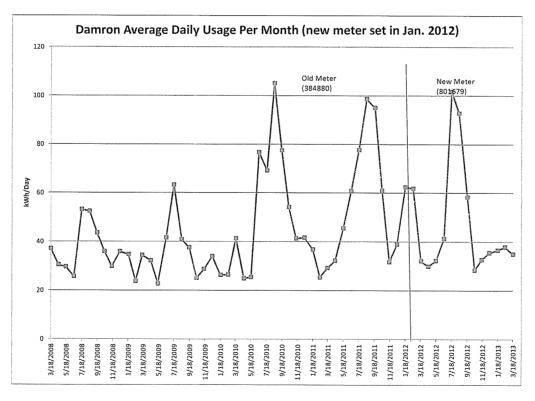


Mr. Woodworth's Residence



## Meter Accuracy

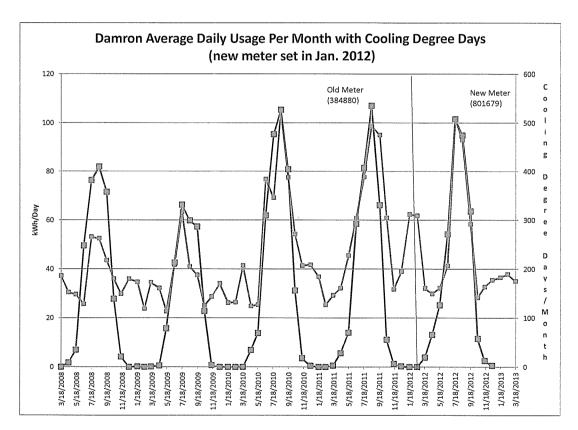
- Both LG&E and KPSC successfully tested meter 384880 showing meter operated within approved tolerances
- New meter, 801679, shows similar usage levels as meter 384880





## Meter Accuracy - Continued

• The chart below depicts a strong correlation between Cooling Degree Days (CDD) and usage per day in the summer months with the exception of 2008.





## Other Items

- Settlement amount for the damaged concrete column
  - Trademark Universal Stone LLC provided estimate in Oct 2012 of \$700 to repair stone column. Did Trademark increase their estimate for the repair?
- Replacement of damaged mailbox caused by Wright Tree Service
  - Replaced the week of April 22<sup>nd</sup>
- Removal of neighbor's tree that could pose an outage issue
  - o Tammy Eifert, LG&E Arborist, inspected the tree on April 19, 2013
  - o The Ash tree is healthy for its age, but is not within our easement
  - If the tree would die, LG&E would "make safe" and cut back enough from the distribution lines, then allow the customer to hire a private tree company for complete removal
- LG&E could install an AMR (wireless) capable electronic meter
  - Would allow meter reader to wirelessly read meter as they walked by premise
  - Also recommend an AMR gas meter to maximize efficiencies
- Allow LG&E to provide a home energy audit



# Exhibit C





# CFNTRON® Meter

The CENTRON C1S solid-state meter is used for measuring single-phase energy consumption. With this solid-state meter, Itron presents a platform for residential metering with the flexibility to adapt as your needs expand and change.

The CENTRON C1S is available as an energy meter with an LCD register. As an option, the meter is available with interchangeable personality modules, including demand, time-of-use (TOU), load profile and various communication options.

### **FEATURES**

### Flexible Platform

- » The CENTRON meter can easily be upgraded to any of the option modules available
- » All calibration data is permanently stored in the base of the meter on the CENTRON metrology board

### **Personality Modules**

- » The interchangeable personality modules are part of a snap-in register assembly
- » The personality module houses all register or communication functions

### **Enhanced Performance**

- » Low starting watts
- » Low burden
- » Captures energy that was not monitored in the past by electromechanical meters

### **Tamper Resistant**

» Measures energy even if the meter is inverted

#### Standard Features

- » Electronic LCD register
- » Polycarbonate cover
- » Test LED Unattended Processing

### **Option Module Upgrades**

- » Demand module (C1SD)
- » TOU with demand module (C1ST)
- » Load profile with TOU and demand module (C1SL)
- » R300 900 MHz RF module (C1SR)

### **Option Availability**

- » Glass cover
- » Electronic detent
- » Identification/Accounting aids

**Product Availablity** 

Meter Version	Class	Volts	Wire	Form	Digits/ Mult	Energy Setting	Catalog Number Glass	Catalog Number Poly
C1S	100	120	2	18	5x1	Undetented	G980225	G980205
C1S	200	240	3	28	5x1	Undetented	G980194	G980181
C1S	320	240	3	2S	5x1	Undetented	G980236	G980213
C1S	20	120	2	38	5x1	Undetented	G980247	G980248
C1S	20	240	3	4S	5x1	Undetented	G980255	G980223
CN1S	200	120	3	12S	5x1	Undetented	G980257	G980195
CN1S	200	120	3	25S	5x1	Undetented	G980265	G980266

### **Technical Data**

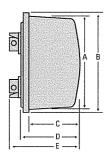
Meets applicable standards:

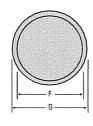
- » ANSI C12.1 1995
- » ANSI C12.10 1997
- » ANSI C12.20 (Class 0.5) 1998
- » ANSI C37.90.1 1989
- » ANSI C62.45 1992
- » IEC 61000-4-4
- » IEC 61000-4-2
- » FCC Part 15, Subclass C

### Reference Information

- » CENTRON Technical Reference Guide
- » CENTRON C1SR Specification Sheet
- » CENTRON C1SC Specification Sheet
- » CENTRON C1SD, T, L Specification Sheet
- » Hardware Specification Form
- » ZRO-C2A Handheld Meter Resetter Instructions

#### **Dimensions**





### **SPECIFICATIONS**

#### **Dimensions**

Polycarbona	ate					
Α	В	С	D	E	F	G
6.29"	6.95"	2.7"	3.16"	4.53"	6.29"	6.95"
16 cm	17.7 cm	6.9 cm	8 cm	11.5 cm	16 cm	17.7 cm
Glass						
Α	В	С	D	E	F	G
6.42"	6.95"	3.03"	3.55"	4.9"	6.42"	6.95"
16.3 cm	17.7 cm	7.7cm	9 cm	12.5 cm	16.3 cm	17.7 cm

Shi			

Polycarbonate			Glass		
	Pounds (approx)	Kilograms		Pounds (approx)	Kilograms
4 Meter Cartons	8.9	4.04	4 Meter Cartons	13.96	6.35
120 Meter Pallets	260-265	117.936	120 Meter Pallets	335	151.956

Specifications					
Power Requirements	Voltage Rating: 240 Operating Voltage: ± 20% (60 Hz); ±10%	(50 Hz)	Frequency: 60Hz, 50hz Operating Range: ± 3 Hz		
Operating Environment	Temperature: -40° to	+85°C	Humidity: 0% to 95% non-condensing		
Transient / Surge Suppression	ANSI C37.90.1-1989 ANSI C62.45-1992		IEC 61000-4-4		
Accuracy	ANSI C12.20 0.5 accuracy class				
General LCD Display	Five-digit liquid crysta Annunciator height: 0		Data digit height: 0.4" Electronic load indicator		
Characteristic Data	Starting watts: 5 watt	s			
Temperature Rise Specifications	Meets ANSI C12.1 se	ction 4.7.2.9	9		
Burden Data*	Voltage circuit: Voltage: 240	Watts: 0.5	VA: 7.5		

Current coil-self contained test amp current: 60 Hz

(amps)

Test current: 30

VA: <0.50



At Itron, we're dedicated to delivering end-to-end smart grid and smart distribution solutions to electric, gas and water utilities around the globe. Our company is the world's leading provider of smart metering, data collection and utility software systems, with over 8,000 utilities worldwide relying on our technology to optimize the delivery and use of energy and water.

Service: 3-Wire

To realize your smarter energy and water future, start here: www.itron.com

### ITRON ELECTRIC METERING

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Phone: 1.877.487.6602 Fax: 1.864.638.4950

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