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JUN 29 2018

PUBLIC SERVICE
COMMISSION

Gwen R. Pinson
Executive Director
Kentucky Public Service Commission
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P.O. Box 615
Frankfort, Kentucky 40601

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June 29, 2018

RE: Weather Normalization Report - Case No. 2009-00172

Dear Ms. Pinson,

Pursuant to the Commission's Order in Case No. 2009-00172, dated July 21, 2009, Louisville Gas and Electric Company ("LG&E") files herewith an original and four copies of a report on the weather normalization adjustment ("WNA") for the period November 2017 through April 2018. This report demonstrates that LG&E billed customers a total of (\$1,248,300) under the WNA during the period November 2017 through April 2018.

Sincerely,

Derek A. Rahn

An experimental weather normalization adjustment (“WNA”) was implemented for Louisville Gas and Electric Company (“LG&E”) by a Kentucky Public Service Commission (“KPSC”) Order in Case No. 2000-00080 dated September 27, 2000. In 2003, the WNA program was extended through April 30, 2006 by KPSC Order in Case No. 2003-00357 dated October 30, 2003. The WNA program was expanded to include November, pursuant to a KPSC Order in Case No. 2003-00433 dated June 30, 2004. On October 18, 2006, the Commission issued an Order in Case No. 2006-00419 extending the WNA program through April 30, 2009. On July 21, 2009, the Commission approved LG&E’s request to make its WNA permanent in Case No. 2009-00172. The following report summarizes the results of the program for the period of November 2017 through April 2018. The specific items requested by the Commission in Appendix B of the September 2000 Order are outlined in tabular form below.

1. Number of WNA Customers By Class

	November	December	January	February	March	April
Residential	287,769	279,943	295,081	283,535	294,032	294,120
Commercial	22,125	22,563	24,533	23,834	24,248	24,113
Total	309,894	302,506	319,614	307,369	318,280	318,233

2. Amount of WNA Revenue By Class

	November	December	January	February	March	April
Residential	\$102,520	\$123,274	(\$2,232,427)	\$931,377	\$1,812,220	(\$1,667,678)
Commercial	\$17,141	\$47,455	(\$714,181)	\$280,319	\$576,331	(\$524,651)
Total	\$119,661	\$170,729	(\$2,946,609)	\$1,211,696	\$2,388,551	(\$2,192,329)
Season Total:	(\$1,248,300)					

3. Ccf Volume Adjustment Resulting From WNA By Class

	November	December	January	February	March	April
Residential	282,674	339,534	(6,149,929)	2,566,391	4,993,059	(4,594,229)
Commercial	68,166	188,733	(2,840,695)	1,115,039	2,292,412	(2,086,827)
Total	350,840	528,267	(8,990,624)	3,681,430	7,285,471	(6,681,056)
Season Total:	(3,825,672)					

4. Average WNA Revenue per Customer By Class

	November	December	January	February	March	April
Residential	\$0.36	\$0.45	(\$7.57)	\$3.28	\$6.16	(\$5.67)
Commercial	\$0.77	\$2.10	(\$29.11)	\$11.76	\$23.77	(\$21.76)

5. Amount of WNA Revenue Total Company

Season Total is (\$1,248,300).

6. Mcf Volume Adjustment Resulting from WNA for Total Company

	November	December	January	February	March	April
Residential	28,267.4	33,953.4	(614,992.9)	256,639.1	499,305.9	(459,422.9)
Commercial	6,816.6	18,873.3	(284,069.5)	111,503.9	229,241.2	(208,682.7)
Total	35,084.0	52,826.7	(899,062.4)	1,376,870.7	1,173,234.4	(668,105.6)
Season Total:	(382,567.2)					

7. WNA Impact on Earnings for Reporting Period

Assuming a Tax Adjustment of 38.666% for 2017 and 25.456% for 2018

November	December	January	February	March	April	Total
\$73,393	\$104,715	(\$2,196,532)	\$903,251	\$1,780,531	(\$1,634,258)	(\$968,899)

8. Actual Number of Heating Degree Days

November	December	January	February	March	April	Season Total
517	558	1,019	588	637	395	3,714

9. Normal Number of Heating Degree Days

November	December	January	February	March	April	Season Total
498	807	916	750	539	232	3,741

10. Variation of Actual Temperatures from Normal Temperatures (%)

The average monthly High/Low temperature (degrees F) by month were:

	<u>Actual</u>	<u>Normal</u>
November 2017	48.0	48.3
December 2017	40.7	38.9
January 2018	32.1	35.3
February 2018	44.4	38.3
March 2018	44.5	47.7
April 2018	52.4	58.5

11. Number of Customer Inquiries About WNA Program

LG&E's Customer Service Center did not receive any inquiries about the WNA Program.

12. Number of Customer Complaints About WNA Program

LG&E did not receive any complaints about the WNA Program.