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JUN 30 2020

PUBLIC SERVICE
COMMISSION

Kent Chandler
Executive Director
Public Service Commission of Kentucky
211 Sower Boulevard
P.O. Box 615
Frankfort, Kentucky 40601

**Louisville Gas and
Electric Company**
State Regulation and Rates
220 West Main Street
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June 30, 2020

Andrea M. Fackler
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Requirement/Cost of Service
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RE: Weather Normalization Report - Case No. 2009-00172

Dear Mr. Chandler,

Pursuant to the Commission's Order in Case No. 2009-00172, dated July 21, 2009, and in accordance with the terms of the Commission's March 16, 2020 and March 24, 2020 Orders in Case No. 2020-00085 ("Electronic Emergency Docket Related to the Novel Coronavirus COVID-19") ("COVID-19 Orders"), Louisville Gas and Electric Company ("LG&E") herewith files its weather normalization adjustment ("WNA") report for the period November 2019 through April 2020. The original filing in paper medium will be delivered to the Commission consistent with the COVID-19 Orders.

This report demonstrates that LG&E billed customers a total of \$6,525,902 under the WNA during the period November 2019 through April 2020. This billing was due to the fact that actual heating degree days during the period were below the normal heating degree days.

If you have any questions regarding this report, please contact me at (502) 627-3442.

Sincerely,

Andrea M. Fackler

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 specific items requested by the Commission in Appendix B of the September 2000 Order are outlined in tabular form below.

The report provides information for the following period: November 2019 through April 2020

1. Number of WNA Customers By Class

	November 2019	December 2019	January 2020	February 2020	March 2020	April 2020
Residential	289,202	295,552	296,838	296,797	296,057	294,898
Commercial	22,367	24,046	24,425	24,473	24,277	23,483
Total	311,569	319,598	321,263	321,270	320,334	318,381

2. Amount of WNA (Refund)/Revenue By Class

	November 2019	December 2019	January 2020	February 2020	March 2020	April 2020
Residential	\$ (1,084,842)	\$ (510,321)	\$ 3,614,799	\$ 1,570,674	\$ 344,182	\$ 723,329
Commercial	\$ (386,426)	\$ (224,549)	\$ 1,414,422	\$ 642,433	\$ 143,975	\$ 278,227
Total	\$ (1,471,268)	\$ (734,871)	\$ 5,029,222	\$ 2,213,107	\$ 488,157	\$ 1,001,556

Season Total	\$ 6,525,902
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3. Ccf Volume Adjustment Resulting From WNA By Class

	November 2019	December 2019	January 2020	February 2020	March 2020	April 2020
Residential	(2,949,387)	(1,387,414)	9,827,631	4,270,227	935,740	1,966,533
Commercial	(1,259,231)	(732,041)	4,611,008	2,094,569	469,334	907,039
Total	(4,208,618)	(2,119,455)	14,438,639	6,364,796	1,405,074	2,873,572

Season Total	\$ 18,754,008
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4. Average WNA (Refund)/Revenue per Customer By Class

	November 2019	December 2019	January 2020	February 2020	March 2020	April 2020
Residential	\$ (3.75)	\$ (1.73)	\$ 12.18	\$ 5.29	\$ 1.16	\$ 2.45
Commercial	\$ (17.28)	\$ (9.34)	\$ 57.91	\$ 26.25	\$ 5.93	\$ 11.85

5. Amount of WNA Revenue Total Company

Season Total:	\$ 6,525,902
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6. Mcf Volume Adjustment Resulting From WNA for Total Company

	November 2019	December 2019	January 2020	February 2020	March 2020	April 2020
Residential	(294,939)	(138,741)	982,763	427,023	93,574	196,653
Commercial	(125,923)	(73,204)	461,101	209,457	46,933	90,704
Total	(420,862)	(211,946)	1,443,864	636,480	140,507	287,357

Season Total	1,875,401
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7. WNA Impact on Earnings for Reporting Period

Assumed Tax Adjustment:	24.95%
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November 2019	December 2019	January 2020	February 2020	March 2020	April 2020
\$ (1,104,187)	\$ (551,520)	\$ 3,774,431	\$ 1,660,937	\$ 366,362	\$ 751,668

8. Actual Number of Heating Degree Days

November 2019	December 2019	January 2020	February 2020	March 2020	April 2020	Season Total
681	564	731	727	401	318	3,422

9. Normal Number of Heating Degree Days

November 2019	December 2019	January 2020	February 2020	March 2020	April 2020	Season Total
502	803	916	745	541	234	3,741

10. Variation of Actual Temperatures from Normal Temperatures

The average monthly temperature (degrees Farenheit) by month were:

	November 2019	December 2019	January 2020	February 2020	March 2020	April 2020
Actual	42.3	40.5	41.4	39.9	52.5	54.8
Normal	48.0	39.0	35.0	38.5	47.5	58.5
Variation	-12%	4%	18%	4%	11%	-6%

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's Customer Service Center received one customer complaint during the WNA billing period. The complaint was prompted by the effects of the unseasonably warm weather experienced during the WNA billing period.