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Jeff DeRouen, Executive Director
Kentucky Public Service Commission
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P.O. Box 615
Frankfort, KY 40601

June 30, 2010

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COMMISSION

**Louisville Gas and
Electric Company**
State Regulation and Rates
220 West Main Street
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Louisville, Kentucky 40232
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Robert M. Conroy
Director - Rates
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RE: Weather Normalization Report - Case No. 2000-00080

Dear Mr. DeRouen:

Pursuant to the Commission's Order in Case No. 2000-00080, dated September 27, 2000, Louisville Gas and Electric files herewith an original and four copies of a report on the weather normalization adjustment (WNA) for the period November 2009 through April 2010. This report provides data that was required by the Commission in Appendix B to its order dated September 27, 2000.

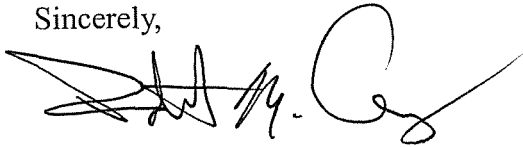
In 2003, the WNA program was extended through April 30, 2006 by the Commission's Order in Case No. 2003-00357 dated October 30, 2003. The WNA program was expanded to include November, pursuant to a Commission Order dated June 30, 2004 in Case No. 2003-00433. On October 18, 2006, the Commission issued an order in Case No. 2006-00419 extending the WNA program through April 30, 2009. On July 21, 2009, the Commission issued an Order in Case No. 2009-00172 approving LG&E's request that the Weather Normalization Adjustment Clause be made permanent, and stipulating that annual reports would continue to be due by June 30 of each year.

This report demonstrates that LG&E credited customers a total of \$2,625,555 during the period November 2009 through April 2010. This credit was due to the fact that actual heating degree days during the period exceeded normal heating degree days.

Jeff DeRouen, Executive Director
Kentucky Public Service Commission
June 30, 2010

If you have any questions regarding this filing, please contact me at (502) 627-3324, or Mary Gillespie at (502) 627-2429.

Sincerely,

A handwritten signature in black ink, appearing to read "R. M. Conroy". The signature is stylized with a large, sweeping "C" at the end.

Robert M. Conroy

Enclosures

An experimental weather normalization adjustment was implemented for Louisville Gas and Electric Company by 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 2009 through April 2010. 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	276,334	268,230	286,631	287,038	288,397	286,102
Commercial	20,518	21,815	23,794	23,988	24,144	23,044
Total	296,852	290,045	310,425	311,026	312,541	309,146

2. Amount of WNA Revenue By Class

	November	December	January	February	March	April
Residential	\$12,978	\$278,681	\$(1,139,584)	\$(1,236,551)	\$ (794,672)	\$ 954,823
Commercial	\$ 9,046	\$ 78,249	\$ (359,252)	\$ (463,797)	\$ (300,499)	\$ 335,023
Total	\$22,024	\$356,930	\$(1,498,836)	\$(1,700,348)	\$(1,095,171)	\$1,289,846
Season Total:	\$(2,625,555)					

3. Ccf Volume Adjustment Resulting From WNA By Class

	November	December	January	February	March	April
Residential	60,778	1,305,391	(5,338,024)	(5,792,121)	(3,722,483)	4,472,493
Commercial	53,059	458,878	(2,106,766)	(2,719,830)	(1,762,206)	1,964,647
Total	113,837	1,764,269	(7,444,790)	(8,511,951)	(5,484,689)	6,437,140
Season Total:	(13,126,184)					

4. Average WNA Revenue per Customer By Class

	November	December	January	February	March	April
Residential	\$0.05	\$1.04	\$ (3.98)	\$(4.31)	\$ (2.76)	\$ 3.34
Commercial	\$0.44	\$3.59	\$(15.10)	\$(19.33)	\$(12.45)	\$14.54

5. Amount of WNA Revenue Total Company

See Response to Item #2.

6. Mcf Volume Adjustment Resulting from WNA for Total Company

See Response to Item #3.

7. WNA Impact on Earnings for Reporting Period

Assuming a Tax Adjustment of 38.9% (\$) for 2009 and 2010

November	December	January	February	March	April	Total
\$13,457	\$218,084	\$(915,789)	\$(1,038,913)	\$(669,149)	\$788,096	\$(1,604,214)

8. Actual Number of Heating Degree Days

November	December	January	February	March	April	Season Total
407	873	1,075	949	489	131	3,924

9. Normal Number of Heating Degree Days

November	December	January	February	March	April	Season Total
501	845	895	733	551	243	3,768

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

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

	Actual	Normal
November 2009	51.4	48.4
December 2009	36.8	38.2
January 2010	30.3	36.5
February 2010	31.1	39.3
March 2010	49.2	47.7
April 2010	63.0	57.9

11. Number of Customer Inquiries About WNA Program

LG&E's Customer Service Center received less than ten (10) inquiries about the WNA Program. Most customer inquiries were prompted by discussions of the calculation of a total gas bill.

12. Number of Customer Complaints About WNA Program

LG&E received no complaints about the WNA Program.