COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION

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ELECTRONIC APPLICATION OF LOUISVILLE)	
GAS AND ELECTRIC COMPANY FOR A)	
DECLARATORY ORDER REGARDING THE)	CASE NO. 2016-00317
PROPER METHOD OF MUNICIPAL FRANCHISE)	
FEE RECOVERY)	

TESTIMONY OF LONNIE E. BELLAR SENIOR VICE PRESIDENT, OPERATIONS LOUISVILLE GAS AND ELECTRIC COMPANY

Filed: March 14, 2017

VERIFICATION

COMMONWEALTH OF KENTUCKY)	
)	SS:
COUNTY OF JEFFERSON)	

The undersigned, **Lonnie E. Bellar**, being duly sworn, deposes and says that he is Senior Vice President – Operations for Louisville Gas and Electric Company and an employee of LG&E and KU Services Company, and that he has personal knowledge of the matters set forth in the foregoing testimony, and that the answers contained therein are true and correct to the best of his information, knowledge and belief.

Lonnie E. Bellar

Subscribed and sworn to before me, a Notary Public in and before said County and State, this /// day of /// ach 2017.

July Schoole (SEAL) Notary Public

My Commission Expires: JUDY SCHOOLER

Notary Public, State at Large, KY
My commission expires July 11, 2018

Notary ID # 512743

	INTRODUCTION
Q.	Please state your name, position, and business address.
A.	My name is Lonnie E. Bellar. I am the Senior Vice President of Operations for
	Louisville Gas and Electric Company ("LG&E" or "Company") and an employee of
	LG&E and KU Services Company, which provides services to LG&E and Kentucky
	Utilities Company ("KU"). My business address is 220 West Main Street, Louisville,
	Kentucky 40202.
Q.	Please describe your educational and professional background.
A.	A statement of my professional history and education is attached to this testimony as
	Appendix A.
Q.	What is your position at LG&E?
A.	Since January 2017, I have been the Senior Vice President of Operations. I am
	responsible for all operations areas including generation, energy supply and analysis,
	electric distribution and transmission, gas distribution and storage, and customer
	service. Immediately prior to this position, I was the Vice President of Gas
	Distribution, where I was responsible for the safe, reliable, and strategic operation of
	LG&E's natural gas transmission and distribution systems and the delivery of natural
	gas to customers.
Q.	Have you previously testified before this Commission?
A.	Yes, I have testified in numerous proceedings before the Commission. Most recently,
	I testified in LG&E's 2016 and 2012 base rate cases, the case in which LG&E applied
	Q.A.Q.A.

to amend its Certificate of Public Convenience and Necessity concerning flue-gas

1 desulfurization for Mill Creek Unit 3, and in the administrative case for consideration 2 of smart grid and smart meter technologies.¹ 3 What are the purposes of your testimony? 0. 4 A. The purposes of my testimony are to describe LG&E's franchise agreement with 5 Louisville-Jefferson County Metro Government ("Louisville Metro") and LG&E's 6 gas distribution system. 7 Are you sponsoring any exhibits to your testimony? 0. 8 Yes. I am sponsoring the following exhibits to my direct testimony. A. 9 **Exhibit LEB-1** LG&E's Gas System Map 10 Exhibit LEB-2 List of Municipalities in Jefferson County List of LG&E-Served Municipalities Outside Jefferson County 11 **Exhibit LEB-3** 12 LG&E'S GAS DISTRIBUTION SYSTEM 13 Q. Please describe LG&E's gas system. 14 A. LG&E's gas distribution business serves approximately 320,000 customers. For the 15 coming year, LG&E's annual throughput is expected to be about 44,000,000 mcf. 16 Approximately one-fourth of LG&E's throughput is expected to be transported for

In the Matter of: Application of Louisville Gas and Electric Company for an Adjustment of Its Electric and Gas Base Rates and for Certificates of Public Convenience and Necessity, Case No. 2016-00371; In the Matter of: Application of Louisville Gas and Electric Company for an Adjustment of Its Electric and Gas Base Rates, a Certificate of Public Convenience and Necessity, Approval of Ownership of Gas Lines and Risers, and a Gas Line Surcharge, Case No. 2012-00222; In the Matter of: Application of Louisville Gas and Electric Company to Modify Its Certificate of Public Convenience and Necessity as to the Mill Creek Unit 3 Flue-Gas Desulfurization Unit, Case No. 2012-00469; In the Matter of: Consideration of the Implementation of Smart

commercial and industrial customers; the remainder is expected to be sold to

residential, commercial, industrial, and other customers. LG&E is different from the

typical local gas distribution company in that it owns and operates considerable on-

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system underground gas storage consisting of five storage fields and three compressor
stations. In addition to these five underground gas storage fields, the gas facilities we
operate also include approximately 4,337 miles of gas distribution pipe and 387 miles
of transmission pipe. LG&E's gas distribution business serves customers in Bullitt,
Green, Hardin, Hart, Henry, Jefferson, Larue, Marion, Meade, Metcalfe, Nelson,
Oldham, Shelby, Spencer, Trimble, and Washington Counties.

7 Q. Please briefly describe how LG&E distributes natural gas from interstate 8 pipelines to its customers.

9 A. Certainly. LG&E takes all of its natural gas supplies from delivery points on two
10 interstate pipelines, Texas Gas Transmission, LLC and Tennessee Gas Pipeline
11 Company, LLC. The twelve delivery points where the natural gas is transferred from
12 the interstate pipeline system to LG&E are referred to as "city gates." A map of
13 LG&E's gas system is shown in Exhibit LEB-1.

Q. Does LG&E's operation of its distribution system radiate outward from Louisville Metro into surrounding counties?

No. LG&E does not operate its distribution system originating in Louisville and radiating out; rather the distribution system and the area served by the distribution system *includes* Louisville Metro and the various counties and municipalities contained therein. LG&E's entire distribution system and thus service area is ultimately fed from its twelve city gates, of which only four are within Louisville Metro.²

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² Exhibit LEB-1.

Q. Does most of LG&E's gas originate and pass through LG&E's distribution system located in Louisville Metro's right-of-way?

No. Only some of LG&E's gas originates and passes through the distribution system in Louisville Metro's right-of-way; and there is no reasonable method to calculate the amount of LG&E's natural gas that passes through Louisville Metro's right-of-way.³ LG&E has only four of its twelve city gates located within the former City of Louisville or unincorporated areas of Jefferson County, which is the area where the Louisville Metro franchise fee may be collected ("Franchise Area").⁴ Of the remaining eight city gates, one gate is in the City of Middletown in Jefferson County, three gates are in Oldham County, one is in Trimble County, one is in Marion County, one is in Hart County, and one is in Meade County. Accordingly, a significant portion of LG&E's gas does not originate by delivery at city gates within Louisville Metro.

In fact, contrary to Louisville Metro's assertions, much of the gas used to serve Louisville Metro passes through other jurisdictions. In 2016, approximately forty-five percent of LG&E's gas supply was received by LG&E within the Louisville Metro Franchise Area, and approximately fifty-five percent of LG&E's gas supply was received by LG&E outside the Louisville Metro Franchise Area. Approximately seventy-two percent of LG&E's total gas deliveries (both sales and transport volumes) were made to customers located within the Louisville Metro Franchise Area in 2016. Therefore, deliveries to customers located within the

³ The 2016 Franchise provides, at the request of Louisville Metro, that the Franchise Fee may be calculated by the measured mcf of gas delivered to customers. This calculation method, however, does not represent a calculation of the amount of LG&E's natural gas that passes through Louisville Metro's right-of-way.

⁴ Exhibit LEB-1.

Franchise Area are very dependent on gas supplies received by LG&E from *outside* the Franchise Area. Thus, contrary to Louisville Metro's contentions, customers located within the Franchise Area utilize LG&E's gas distribution system and other utility infrastructure located outside the Franchise Area to obtain the volumes of gas needed for their gas service.

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Q. Do "land-locked" municipalities in Jefferson County rely on the rights-of-way of Louisville Metro to receive gas?

No. In Paragraph 32 of Louisville Metro's amended complaint in Case No. 2016-00347,⁵ Louisville Metro asserts that because most municipalities "are essentially land-locked within Louisville Metro . . . , it is physically impossible for those municipalities to receive natural gas service without utilizing Louisville Metro's rights-of-way." This allegation is factually incorrect and disregards the interconnectedness of the gas distribution system. Louisville Metro and all municipalities in Jefferson County depend upon the entire LG&E gas distribution system to receive gas service. For instance, one of LG&E's city gates is located in Middletown in Jefferson County. Louisville Metro receives gas from the city gate in Middletown and benefits from Middletown's rights-of-way. Just as municipalities in Jefferson County rely on Louisville Metro rights-of-way to receive gas, Louisville Metro also relies on the rights-of-way of these other municipalities in LG&E's gas system. Thus, Louisville Metro's assertion that other municipalities rely on Louisville Metro to receive gas ignores the fact that Louisville Metro is also dependent on these other municipalities to receive gas. LG&E's distribution system

⁵ In the Matter of: Louisville/Jefferson County Metro Government v. Louisville Gas and Electric Company,

In the Matter of: Louisville/Jefferson County Metro Government v. Louisville Gas and Electric Company, Case No. 2016-00347, Amended Complaint at 6 (Ky. PSC Nov. 9, 2016).

- in the rights-of-way of the various municipal and county governments is inextricably interconnected to serve all customers.
- Q. Do the maps provided by Louisville Metro in the amended complaint and addendum in Case No. 2016-00347 support the allegation that all LG&E gas customers receive their gas through mains located under Louisville Metro's rights-of-way?
- A. No. The maps do not show that all LG&E customers receive their gas through mains located only under Louisville Metro rights-of-way. Instead, as explained above, the maps only show that the system is interconnected and LG&E gas customers receive gas through mains located in the rights-of-way in multiple municipal jurisdictions other than Louisville Metro. The maps do not affirmatively establish that all LG&E's gas customers receive their gas from distribution lines located within Louisville Metro's rights-of-way.

FRANCHISE FEES

Q. Please briefly describe utility franchise agreements.

A.

Certainly. A utility franchise is a written agreement between a municipality and a utility company that identifies certain requirements for the utility to use the municipality's public right-of-way. The establishment of and process for obtaining franchise agreements between municipalities and utilities is prescribed by legal requirements. For use of the rights-of-way, franchise agreements may provide that the utility pay a "franchise fee" to the municipality. Pursuant to our tariff, LG&E lists franchise fees as a separate item on customers' bills and collects the fees directly from the customers within the municipality's jurisdiction and remits the proceeds to

the municipality government.⁶ Because the fees are remitted directly to the municipality government, LG&E does not include the franchise fees in its rates for service.⁷

4 Q. Please describe LG&E's current franchise agreement with Louisville Metro.

5 A. LG&E and Louisville Metro executed the current franchise agreement on August 30,
6 2016 (the "2016 Franchise").⁸ The 2016 Franchise is for a term of five years and
7 includes a Franchise Fee to be paid to Louisville Metro.

8 Q. Please describe the Franchise Fee in the 2016 Franchise.

A.

The 2016 Franchise provides that the Franchise Fee may be calculated by using any of the four calculation options or a combination of the methods in the franchise agreement, each at the sole discretion of Louisville Metro Council throughout the term of the 2016 Franchise. Section 11(a) of the franchise agreement provides that Louisville Metro may use any of the following methods or a combination of the methods to compute the Franchise Fee: (1) the number of the linear feet of in-service pipeline segments in the LG&E Geographic Information System (GIS) owned or operated by the Company, whether said pipe is used for transmission or distribution, within the Franchise Area; (2) each thousand cubic foot (mcf) of gas utilizing the Company's pipe, pipeline, main, pumping stations or other means to transport; whether for transmission or distribution, for the purpose of providing natural gas service to customers as a local distribution company within the Franchise Area (using

⁶ A copy of LG&E's Franchise Rider tariff is contained in Exhibit 2 to LG&E's *Application for Declaratory Order Regarding the Proper Method of Municipal Franchise Fee Recovery.*

⁷ As explained in Mr. Conroy's testimony, LG&E's tariff provides for the collection of franchise fees as a line item on customer bills and has been repeatedly approved by the Commission as fair, just, and reasonable.

⁸ A copy of the 2016 Franchise is contained in Exhibit 1 to LG&E's Application for Declaratory Order Regarding the Proper Method of Municipal Franchise Fee Recovery.

the measured mcf of gas delivered to customers as a substitute);⁹ (3) a percentage of Gross Receipts; (4) a flat fee; or (5) a combination of any of the above named options.

A.

Under the terms of the 2016 Franchise, the total annual Franchise Fee is capped at three percent of gross receipts within the Louisville Metro Franchise Area. Based on LG&E's 2016 gross receipts within the Louisville Metro Franchise Area, the maximum three percent fee could result in annual Franchise Fees of nearly \$6 million.

The 2016 Franchise Agreement also permits Louisville Metro to unilaterally change the method of calculating the franchise fee upon 60-days' notice to LG&E.

Q. Is LG&E currently collecting the Franchise Fee under the 2016 Franchise?

No. LG&E and Louisville Metro fundamentally disagree on whether and which LG&E customers should be obligated to pay the franchise fee. Under Section 12 of the 2016 Franchise Louisville Metro reserved the right to make the Franchise Fee contingent upon the resolution of the dispute. Specifically, Louisville Metro Council made the Franchise Fee contingent upon the disposition of this dispute when passing the ordinance approving the 2016 Franchise Fee. Thus, if the Commission agrees that the Franchise Fee should be collected as a line item in accordance with LG&E's tariff, under the express terms of the 2016 Franchise, Louisville Metro will not assess and LG&E will not collect a Franchise Fee from its customers.

This ordinance is attached as Exhibit 6 to LG&E's Application.

⁹ The parenthetical reference (i.e. "using the measured mcf of gas delivered to customers as a substitute") provides the method of calculation to be used in computing the franchise fee because the amount of gas utilizing LG&E's system located within Louisville Metro's rights-of-way to serve customers cannot be calculated.

1 (O.	Is LG&E currently accruing funds to pay the Franchise Fee in the future?
1 '	v.	is Local currently accrumg funds to pay the Franchise ree in the future.

- A. No. There is no obligation to do so under the 2016 Franchise. The collection of the
 Franchise Fee, if any, will be prospective only. And if the Commission determines
 LG&E's collection of a franchise fee should continue through its Franchise Rider
 tariff, then, again, under the terms of the 2016 Franchise, LG&E will have no
 obligation to pay Louisville Metro a franchise fee and will not collect a franchise fee
- from its customers, pursuant to Section 11(b) of the 2016 Franchise.
- Q. Aside from making the assessment of the Franchise Fee contingent on the resolution of this dispute, what method has Louisville Metro presently chosen to use to calculate the Franchise Fee?
- 11 Louisville Metro has currently chosen to calculate the Franchise Fee using the second A. method described above. Section 11(b) of the 2016 Franchise provides for a fee at 12 13 the commencement of the franchise of "six percent (6%) of forty-three cents (\$0.43) 14 per thousand cubic feet (mcf) of gas," which is 2.58 cents (\$0.0258) per mcf. As I 15 previously described, LG&E is not currently collecting the Franchise Fee because 16 Louisville Metro made the payment of the Franchise Fee contingent on the resolution 17 of this dispute, and then only if the Commission ordered LG&E to include the 18 Franchise Fee in base rates.

Q. Can Louisville Metro unilaterally change its method of calculating the FranchiseFee?

A. Yes. The terms of the 2016 Franchise allow Louisville Metro to unilaterally change the Franchise Fee to any of the five options in Section 11(a). The only limitations to this unilateral discretion are that Louisville Metro cannot raise the Franchise Fee to

more than three percent of LG&E's gross receipts earned within the Franchise Area and must provide LG&E 60 days' notice of any change. Although Section 11(b) states that Louisville Metro will calculate the Fee based on the second method. Section 11(b) is applicable only to the "commencement of the Franchise" and does not limit Louisville Metro's ability to change the amount and computation method of the Franchise Fee. Thus, Louisville Metro may change its method of Franchise Fee calculation and assess a significantly larger annual franchise fee on short notice. For instance, Louisville Metro could increase the Franchise Fee from approximately \$1 million to \$6 million within 60 days. If the Commission required that the Franchise Fee be collected in base rates, LG&E's shareholders would have to absorb the \$5 million increase until base rates could be changed. The converse is also true assuming the \$6 million Franchise Fee is included in LG&E's gas base rates, as Louisville Metro demands, if Louisville Metro decreases the Franchise Fee from approximately \$6 million to \$1 million following the 60-days' notice, LG&E customers would continue to be charged gas base rates with the higher franchise fee amount until the next base rate case.

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Q. Does the 2016 Franchise provide the area in which the Franchise Fee may be collected?

Yes. The 2016 Franchise specifically delineates the area in which the Franchise Fee may be collected. Section 1 of the franchise agreement states: "There is hereby created a Franchise to acquire, lay, maintain and operate in the public streets, avenues, alleys and other public ways of Louisville Metro, but not within the jurisdiction of any other city located in Jefferson County, Kentucky (the "Franchise

Area"). 11 Thus, the Franchise Fee may be collected in the urban services district and those areas of Jefferson County which were unincorporated prior to the consolidation of the City of Louisville and Jefferson County. The Franchise Area does not include the separate incorporated municipalities within Jefferson County and, pursuant to the terms of the 2016 Franchise, Louisville Metro may not impose the Franchise Fee in those municipalities.¹²

Why does the 2016 Franchise specifically exclude the municipalities within O. **Jefferson County from the Franchise Area?**

The separate municipalities in Jefferson County are excluded from the Franchise Area because they are separate and independent municipal governments from Louisville When the City of Louisville consolidated with Jefferson County's Metro. government to create Louisville Metro in 2003, more than 80 incorporated municipalities existed in the area of Jefferson County, but outside the City of Louisville. The municipalities in existence at that time remained incorporated and retained the same governmental status they had before the merger. There are 83 incorporated municipalities in Jefferson County that are separate and apart from Louisville Metro. 13 Each has the authority to require a franchise agreement from utilities to use their respective rights-of-way. All municipalities in Kentucky, including those located in Jefferson County, possess independent franchising authority.

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^{11 (}emphasis added).12 Exhibit LEB-2 contains a list of the municipalities in Jefferson County.

Q. Does Louisville Metro have the authority to impose a franchise on municipal rights-of-way outside of the Franchise Area?

No. Louisville Metro does not have franchising authority over the areas outside of the Franchise Area, including the other cities in Jefferson County. Louisville Metro thus has franchising authority over the old city of Louisville and unincorporated areas of Jefferson County but does not have franchising authority of the rights-of-way located in municipalities located in or outside of Jefferson County, Kentucky.

There are 83 municipalities in Jefferson County that are separate and apart from Louisville Metro, all with independent franchising authority. 14 Moreover, outside Jefferson County, LG&E customers reside in 31 additional and separate cities and municipalities, all with independent franchising authority as well. 15 Thus, if Louisville Metro were permitted to require LG&E to collect fees for the 2016 Franchise from customers living outside of the Franchise Area, many customers could be subject to multiple franchise fees. For instance, LG&E currently collects from customers in Radcliff and Pleasureville the franchise fees assessed by their respective cities. If Louisville Metro were permitted to require LG&E to collect the Franchise Fee for the 2016 Franchise from customers who reside within one of the municipalities within or outside of Jefferson County, these residents—and potentially others—would have to pay two franchise fees. And left unchecked, the same customers could potentially pay for hundreds of franchise fees from different municipalities notwithstanding the customers do not reside in Louisville Metro's Franchise Area.

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¹⁴ Exhibit LEB-2.

¹⁵ Exhibit LEB-3

If the Commission were to require LG&E to collect the Louisville Metro 2016
Franchise Fee from customers outside the Franchise Area, other municipalities may
also attempt to require the collection of their franchise fees from customers outside of
their franchising authority. The potential domino effect would subject customers to
numerous franchise fees imposed by other jurisdictions and for which they have no
representation or ability to object.

Q. Please explain why LG&E does not collect the Franchise Fee from residents of
 the 83 municipalities located in Jefferson County.

- 9 A. Certainly. The municipalities in Jefferson County, like the municipalities located outside of Jefferson County, retain independent franchising authority and Louisville Metro simply does not have the authority to assess franchise fees on those customers who reside in other municipalities.
- Q. Is it discriminatory for LG&E to only collect the Franchise Fee from customers
 located in the Franchise Area?
 - A. No. Louisville Metro argues that because the areas outside of the Franchise Area are more economically advantaged than those within the Franchise Area, LG&E has caused the most disadvantaged customers to shoulder the entire franchise fee. By assessing the Franchise Fee to customers located in the Franchise Area, LG&E is not arbitrarily exempting a group of customers; rather, LG&E is collecting the Fee in compliance with the franchise agreement and LG&E's Commission-approved tariff.

¹⁶ In the Matter of: Louisville/Jefferson County Metro Government v. Louisville Gas and Electric Company, Case No. 2016-00347, Amended Complaint at 9, 13 (Ky. PSC Nov. 9, 2016).

To do otherwise	would be	e unfair	and	unreasonable	to	customers	located	outside	the
Franchise Area 17	7								

Q.

A.

Could the individual usage of the Louisville Metro rights-of-way be reasonably calculated for each customer?

No. Louisville Metro suggests that because the gas Franchise Fee is based on the volume of gas, each customer should be charged a Franchise Fee based on individual usage. This allegation conflates unrelated concepts. While LG&E knows how much gas is delivered to each customer, LG&E does not know what percentage of the gas delivered to each customer passed through Louisville Metro rights-of-way. Further, because of the integrated nature of the natural gas distribution system, natural gas received by an individual customer may pass through the right-of-way in multiple municipalities to reach its final destination, demonstrating the interdependency of customers to facilities both in and outside the Louisville Metro Franchise Area.

Although the 2016 Franchise allows for the Franchise Fee to be calculated using the amount of gas delivered to customers, this calculation is unrelated to each customer's individual usage of the Louisville Metro rights-of-way. Determining the percentage of gas that has passed through Louisville Metro rights-of-way for each customer cannot be reasonably measured. Thus, each customer cannot be charged an

the Franchise Area. Such a policy is tantamount to taxation without representation and therefore not in the best interest of the consumer.").

¹⁷ See, e.g., Case No. 7843, Order ("[I]t is unfair to customers not residing within a municipality to be forced to pay part of the costs of a utility's franchise agreement with that municipality. Accordingly, tariff provisions which perpetuate such an arrangement are unfair and unreasonable."); Case No. 89-054, Order ("Imposing this cost on utility customers who are located outside the community and who receive no benefit from the community services supported by such fees is discriminatory"); Case No. 7804, Order ("[S]ince the fees go to the municipalities in question there is no justification to assess residents outside of the political boundaries of

individualized fee based on usage of Louisville Metro rights-of-way as Louisville Metro alleges.

Louisville Metro suggests that such a calculation is available because cost of service studies are regularly used in Commission proceedings to ensure that customers are paying a reasonable amount for service. A cost of service study is used in base rate proceedings to identify and allocate costs incurred by a utility for the purpose of allocating revenue by customer classes and the design of rates. This type of study does not provide LG&E with a method for calculating each customer's individual usage for the purpose of calculating a customer's responsibility under the Franchise Fee.

CONCLUSION

Q. What is your conclusion and recommendation?

- I recommend that the Commission continue to find that LG&E's method of collecting franchise fees as a line item on the bills of customer residing in the municipality imposing the fee is consistent with the Commission's prior orders and order that LG&E continue to follow its tariff for the collection of the franchise fee imposed by Louisville Metro.
- 18 Q. Does this conclude your testimony?
- 19 A. Yes, it does.

APPENDIX A

Lonnie E. Bellar

Senior Vice President of Operations LG&E and KU Services Company 220 West Main Street Louisville, Kentucky 40202

Telephone: (502) 627-4830

Education

Bachelors in Electrical Engineering;

University of Kentucky, May 1987

Bachelors in Engineering Arts;

Georgetown College, May 1987

E.ON Academy, Intercultural Effectiveness Program: 2002-2003

E.ON Finance, Harvard Business School: 2003

E.ON Executive Pool: 2003-2007

E.ON Executive Program, Harvard Business School: 2006

E.ON Academy, Personal Awareness and Impact: 2006

Tuck Executive Education Program, Dartmouth University: 2015

Professional Experience

LG&E and KU Services Company

Senior Vice President of Operations	Jan. 2017 – present
Vice President, Gas Distribution	Feb. 2013 – Jan. 2017
Vice President, State Regulation and Rates	Nov. 2010 – Jan. 2013

E.ON U.S. LLC

U.S. LLC	
Vice President, State Regulation and Rates	Aug. 2007 – Nov. 2010
Director, Transmission	Sept. 2006 – Aug. 2007
Director, Financial Planning and Controlling	April 2005 – Sept. 2006
General Manager, Cane Run, Ohio Falls and	
Combustion Turbines	Feb. 2003 – April 2005
Director, Generation Services	Feb. 2000 – Feb. 2003
Manager, Generation Systems Planning	Sept. 1998 – Feb. 2000
Group Leader, Generation Planning and	
Sales Support	May 1998 – Sept. 1998

Kentucky Utilities Company

Generation System Planning

Manager, Generation Planning	Sept. 1995 – May 1998
Supervisor, Generation Planning	Jan. 1993 – Sept. 1995
Technical Engineer I, II and Senior,	

May 1987 – Jan. 1993

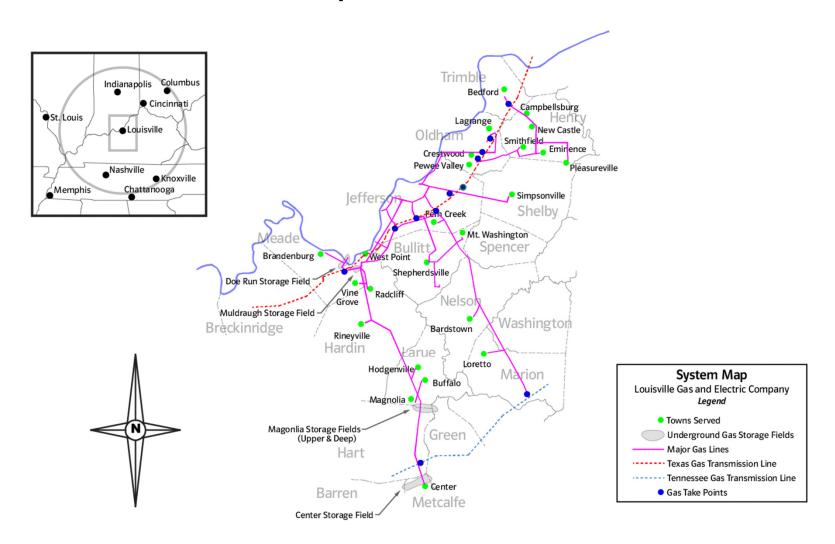
Professional Memberships

Institute of Electrical and Electronics Engineers

Civic Activities

E.ON U.S. Power of One Co-Chair – 2007
Kentucky Science Center – Board of Directors – 2008–Present
Metro United Way Campaign – 2008
UK College of Engineering Advisory Board – 2009 – Present
American Gas Association – Board of Directors – 2013 – Present
Southern Gas Association – Board of Directors – 2013 – Present
Greater Louisville, Inc. – Board of Directors, Executive Committee – 2016–Present

LG&E's Gas System



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EXHIBIT LEB-2 LIST OF MUNICIPALITIES IN JEFFERSON COUNTY

- 1. Anchorage
- 2. Audubon Park
- 3. Bancroft
- 4. Barbourmeade
- 5. Beechwood Village
- 6. Bellemeade
- 7. Bellewood
- 8. Blue Ridge Manor
- 9. Briarwood
- 10. Broeck Pointe
- 11. Brownsboro Farm
- 12. Brownsboro Village
- 13. Cambridge
- 14. Coldstream
- 15. Creekside
- 16. Crossgate
- 17. Douglass Hills
- 18. Druid Hills
- 19. Fincastle
- 20. Forest Hills
- 21. Glenview
- 22. Glenview Hills
- 23. Glenview Manor
- 24. Goose Creek
- 25. Graymoor-Devondale
- 26. Green Spring
- 27. Heritage Creek
- 28. Hickory Hill
- 29. Hills and Dales
- 30. Hollow Creek
- 31. Hollyvilla
- 32. Houston Acres
- 33. Hurstbourne
- 34. Hurstbourne Acres
- 35. Indian Hills

- 36. Jeffersontown
- 37. Kingsley
- 38. Langdon Place
- 39. Lincolnshire
- 40. Lyndon
- 41. Lynnview
- 42. Manor Creek
- 43. Maryhill Estates
- 44. Meadow Vale
- 45. Meadowbrook Farm
- 46. Meadowview Estates
- 47. Middletown
- 48. Mockingbird Valley
- 49. Moorland
- 50. Murray Hill
- 51. Norbourne Estates
- 52. Northfield
- 53. Norwood
- 54. Old Brownsboro Place
- 55. Parkway Village
- 56. Plantation
- 57. Poplar Hills
- 58. Prospect
- 59. Richlawn
- 60. Riverwood
- 61. Rolling Fields
- 62. Rolling Hills
- 63. Saint Matthews
- 64. Saint Regis Park
- 65. Seneca Gardens
- 66. Shively
- 67. South Park View
- 68. Spring Mill
- 69. Spring Valley
- 70. Strathmoor Manor
- 71. Strathmoor Village
- 72. Sycamore
- 73. Ten Broeck
- 74. Thornhill
- 75. Watterson Park
- 76. Wellington
- 77. West Buechel
- 78. Westwood
- 79. Wildwood
- 80. Windy Hills
- 81. Woodland Hills
- 82. Woodlawn Park
- 83. Worthington Hills

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EXHIBIT LEB-3 LIST OF LG&E-SERVED MUNICIPALITIES OUTSIDE JEFFERSON COUNTY

Bullitt County

- Fox Chase
- Hebron Estates
- Hillview
- Hunters Hollow
- Lebanon Junction
- Mount Washington
- Pioneer Village
- Shepherdsville

Hardin County

- Elizabethtown
- Muldraugh
- Radcliff
- Vine Grove
- West Point

Henry County

- Campbellsburg
- Eminence
- New Castle
- Pleasureville
- Smithfield

Larue County

• Hodgenville

Marion County

• Loretto

Meade County

- Brandenburg
- Muldraugh

Nelson County

• Bardstown

Oldham County

- Crestwood
- Goshen
- La Grange
- Orchard Grass Hills
- Pewee Valley
- Prospect
- River Bluff

Shelby County

- Pleasureville
- Simpsonville

Trimble County

• Bedford