

*\* Note: Due to its highly fragmented and constantly changing nature, the gas service area is shown as whole counties. In reality, however, some of the outlined counties are served by two or more gas utilities including LG&E.*



**COMMONWEALTH OF KENTUCKY**  
**BEFORE THE PUBLIC SERVICE COMMISSION**

**In the Matter of:**

**THE JOINT APPLICATION OF PPL )  
CORPORATION, E.ON AG, E.ON US )  
INVESTMENTS CORP., E.ON U.S. )  
LLC, LOUISVILLE GAS AND )  
ELECTRIC COMPANY AND )  
KENTUCKY UTILITIES COMPANY )  
FOR APPROVAL OF AN )  
ACQUISITION OF OWNERSHIP AND )  
CONTROL OF UTILITIES )**

**CASE NO. 2010-00204**

**TESTIMONY**

**OF**

**JAMES H. MILLER**

**CHAIRMAN, CHIEF EXECUTIVE OFFICER  
AND PRESIDENT, PPL CORPORATION**

**MAY 28, 2010**

1 **Q. Please state your name and business address.**

2 **A.** My name is James H. Miller. My business address is Two North Ninth Street,  
3 Allentown, Pennsylvania 18101.

4 **Q. By whom are you employed and what is your position?**

5 **A.** I am the Chairman of the Board, President and Chief Executive Officer of PPL  
6 Corporation (“PPL”). In these positions, I have overall responsibility for the  
7 business operations of PPL, subject to the direction of the Board of Directors.

8 **Q. Please describe your employment history and your education.**

9 **A.** My employment history and education are described in Appendix A to my  
10 testimony. The focus of my career has been energy-related businesses and the  
11 utility industry. My career with PPL began in February 2001, when I was hired to  
12 be the President of PPL Generation, LLC (“PPL Generation”), an indirect  
13 subsidiary of PPL. In January 2004, I was promoted to Executive Vice President  
14 of PPL. In September 2004, I became Chief Operating Officer of PPL and in  
15 August 2005, I became President of PPL. In October 2006, I became Chairman  
16 and Chief Executive Officer of PPL.

17 Before my arrival at PPL, I served as Executive Vice President and Vice  
18 President of Production of USEC, Inc., a global energy company based in  
19 Bethesda, Maryland. Before my position with USEC, Inc., I was President of  
20 ABB Environmental Systems, and also held that position with ABB Resource  
21 Recovery Systems. Both companies are members of the ABB Group, a global  
22 power and automation technology company. Before that time, I was President of  
23 UC Operating Services, an unregulated subsidiary of Constellation Energy and

1 LG&E Energy Corp. I started my career working in various engineering and  
2 management positions with Delmarva Power and Light Co., a regional gas and  
3 electric utility company now serving about 500,000 electric delivery customers in  
4 Delaware and the Delmarva peninsula and about 124,000 natural gas delivery  
5 customers in northern Delaware. I earned a bachelor's degree in electrical  
6 engineering at the University of Delaware in 1977 after serving in the United  
7 States Navy for six years in the Nuclear Submarine Program.

8 **Q. What is the purpose of the Joint Application?**

9 **A.** The purpose of the Joint Application is to request that the Commission approve  
10 the proposed acquisition by PPL of E.ON U.S. LLC ("E.ON U.S."), a wholly  
11 owned indirect subsidiary of E.ON AG ("E.ON") and the parent company of  
12 Louisville Gas and Electric Company ("LG&E") and Kentucky Utilities  
13 Company ("KU") (collectively, with E.ON US Investments Corp., the  
14 "Applicants"). PPL has agreed to purchase from E.ON US Investments Corp.  
15 ("E.ON US Investments") 100% of the issued and outstanding limited liability  
16 interests of E.ON U.S. If authorized by the Commission, E.ON U.S. would  
17 become a wholly owned direct subsidiary of PPL. The names of the entities with  
18 "E.ON" in their current names will be changed after the closing. There will be no  
19 change in the current names of LG&E and KU. PPL has not yet determined the  
20 new name of E.ON U.S. LLC. Solely for convenience, I will refer to E.ON U.S.  
21 LLC as "E.ON U.S." for the period before the completion of the proposed  
22 acquisition, and as "PPL Kentucky" for the period after the completion of the  
23 proposed acquisition. This request is supported by the Joint Application and the

1 written testimony attached collectively as Exhibit M to the Joint Application,  
2 including my testimony.

3 **Q. Please provide a general overview of the testimony supporting the Joint**  
4 **Application.**

5 **A.** My testimony: a) introduces PPL to the Commission; b) outlines the proposed  
6 acquisition of E.ON U.S. by PPL; c) describes the operations of LG&E and KU  
7 after the completion of the proposed acquisition, including customer service and  
8 reliability; d) addresses the Commission's regulatory authority; e) demonstrates  
9 the financial, managerial and technical ability of PPL to cause LG&E and KU to  
10 continue to provide reasonable service to their customers after the completion of  
11 the proposed acquisition; and f) demonstrates that the proposed acquisition will be  
12 made in accordance with law, for a proper purpose, and consistent with the public  
13 interest.

14 The Applicants have filed the written testimony of eight witnesses,  
15 attached collectively as Exhibit M to the Joint Application, that discusses the  
16 proposed acquisition in greater detail.

17 The testimony of Paul A. Farr, the Executive Vice President and Chief  
18 Financial Officer of PPL, addresses PPL's financial ability to complete the  
19 proposed acquisition and the financial strength of the PPL companies, including  
20 PPL Kentucky, LG&E and KU, after the completion of the proposed acquisition.

21 The testimony of William H. Spence, the Executive Vice President and  
22 Chief Operating Officer of PPL, addresses PPL's technical and managerial  
23 abilities in generating, transmitting and distributing electric power systems, and in

1 operating and maintaining natural gas systems. Mr. Spence's testimony also  
2 demonstrates that PPL's customers are satisfied with the services that PPL  
3 currently provides.

4 The testimony of Karl-Heinz Feldmann, General Counsel and Executive  
5 Vice President of E.ON, addresses the proposed acquisition from E.ON's  
6 perspective.

7 The testimony of Victor A. Staffieri, the Chairman, President, and Chief  
8 Executive Officer of E.ON U.S., LG&E and KU, and an employee of E.ON U.S.  
9 Services Inc., addresses the compliance of the proposed acquisition with U.S. law  
10 and the expected operations of LG&E and KU after the closing of the proposed  
11 acquisition.

12 The testimony of S. Bradford Rives, the Chief Financial Officer of E.ON  
13 U.S., LG&E and KU, and an employee of E.ON U.S. Services Inc., addresses  
14 affiliate transactions and the accounting issues raised by the proposed acquisition  
15 and the Commission's authority regarding those matters after the closing of the  
16 proposed acquisition.

17 The testimony of Lonnie E. Bellar, the Vice President of State Regulation  
18 and Rates for LG&E and KU, and an employee of E.ON U.S. Services Inc.,  
19 addresses regulatory issues affecting LG&E and KU after the completion of the  
20 proposed acquisition.

21 The testimony of Paul A. Coomes, a Professor of Economics at the  
22 University of Louisville, addresses whether the proposed acquisition is consistent  
23 with the public interest.

1   **Q.    Please describe PPL.**

2   **A.**    PPL is a Fortune 500 global energy and utility holding company headquartered in  
3           Allentown, Pennsylvania. PPL traces its origins to the merger in 1920 of eight  
4           utilities, which operated a combined total of 62 electric generating plants in and  
5           around central eastern Pennsylvania, into a single corporate entity named  
6           Pennsylvania Power & Light Company. Since that time, PPL has grown from a  
7           regional utility company to one of the 10 largest utility companies in the United  
8           States. PPL owns or controls nearly 12,000 megawatts of electrical generating  
9           capacity in the United States, delivers electricity to about four million customers  
10          in the United States and the United Kingdom, and employs about 10,000 people  
11          on two continents.

12                 PPL is a publicly owned company. At current trading prices as of the date  
13                 of the Joint Application, PPL’s market capitalization is about \$9.36 billion. In  
14                 2009, PPL reported total operating revenues of about \$7.56 billion.

15                 Through its subsidiaries, PPL is primarily engaged in the generation and  
16                 marketing of electricity in two key markets (the northeastern and western United  
17                 States), and in the delivery of electricity in Pennsylvania and the United  
18                 Kingdom. PPL’s principal direct subsidiaries are PPL Electric Utilities  
19                 Corporation (“PPL Electric”), which is responsible for regulated utility  
20                 operations, PPL Energy Funding Corporation (“PPL Energy Funding”), which is  
21                 responsible for unregulated energy operations, and PPL Capital Funding, Inc.  
22                 (“PPL Capital”), which is responsible for certain corporate financing.



1 PPL delivers power to 1.4 million retail customers through PPL Electric.  
2 PPL Electric's utility service extremely reliable; on average, its customers have  
3 power 99.9% of the time. PPL Electric maintains more than 48,000 miles of  
4 transmission and distribution lines to provide that service. Moreover, until  
5 October 2008, PPL owned and operated PPL Gas Utilities Corporation ("PPL  
6 Gas"), a Pennsylvania company with both natural gas distribution and storage  
7 facilities, providing PPL with institutional knowledge regarding operating  
8 maintaining natural gas distribution and storage systems.

9 PPL Energy Funding serves as the holding company for PPL Energy  
10 Supply, LLC, the parent company of PPL's principal unregulated subsidiaries.  
11 Those principal unregulated subsidiaries are PPL Generation, LLC ("PPL  
12 Generation"), which owns and operates U.S. generating facilities; PPL Energy  
13 Plus, LLC ("PPL EnergyPlus"), which markets and trades electricity and gas in  
14 the wholesale and retail markets, and supplies energy in some markets; and PPL  
15 Global, LLC ("PPL Global"), which indirectly owns and operates PPL's  
16 electricity distributor in the United Kingdom.

17 PPL, through PPL Generation and its subsidiaries, owns and operates a  
18 portfolio of domestic power generating assets located primarily in Pennsylvania,  
19 Montana, Illinois, Connecticut and Maine. PPL Generation's power plants  
20 generally utilize a variety of fuel sources including coal, natural gas, oil, uranium  
21 and water to produce energy.

22 PPL, through PPL EnergyPlus, sells electricity produced by the portfolio  
23 of generation assets owned and operated by subsidiaries of PPL Generation. PPL

1 EnergyPlus participates and trades energy in the wholesale and retail sectors, and  
2 also markets various energy commodities, primarily in the northeastern and  
3 western United States.

4 PPL, through PPL Global and its subsidiaries, operates Western Power  
5 Distribution (South West) plc (“WPD South West”) and Western Power  
6 Distribution (South Wales) plc (“WPD South Wales”), each a regional electricity  
7 delivery business operating in the United Kingdom. WPD South West and WPD  
8 South Wales are two of the 15 distribution networks providing electricity service  
9 in the United Kingdom, and together serve about 2.6 million customers. WPD  
10 South West serves a 5,560 square-mile area of southwest England, distributing  
11 power to about 1.5 million customers in that region. WPD South Wales operates  
12 in an area of Wales 4,500 square miles in size and located directly opposite the  
13 Bristol Channel from WPD South West’s territory. WPD South Wales distributes  
14 power to about 1.1 million customers in that region.

15 **Q. What is PPL’s strategic vision?**

16 **A.** PPL’s strategic vision is to create value for its customers by providing superior  
17 service at reasonable and competitive rates, thereby achieving sustainable long-  
18 term growth for its shareholders. Operationally, PPL executes this strategic  
19 vision by providing unparalleled customer service, carefully controlling operating  
20 costs and risk, and maintaining constructive regulatory relationships. PPL is  
21 dedicated to improving its operations and the communities in which it operates for  
22 its benefit and for the benefit of its customers.

1 **Q. How is the strategic vision reflected in PPL's business model?**

2 **A.** PPL's business model is premised on the sustainable, long-term growth of its  
3 businesses. PPL's businesses are an integrated mix of high-performing electricity  
4 generating, marketing and delivery companies built on a strong foundation of  
5 excellent assets and extraordinary people.

6 **Q. How does the proposed acquisition fit with PPL's strategic vision?**

7 **A.** The proposed acquisition by PPL of LG&E and KU is fully consistent with PPL's  
8 strategic vision.

9           LG&E and KU are very similar to PPL in that each focuses on reasonable  
10 rates, customer service, reliability, safety, cost-effective operations, constructive  
11 and transparent regulatory relationships and community involvement. LG&E and  
12 KU are "best-in-class" utility franchises that have historically excellent customer  
13 service track records. Specifically, LG&E and KU have ranked first in their J.D.  
14 Power region seven times in 10 years. PPL Electric has earned eight top J.D.  
15 Power awards for satisfied business customers, and has earned the top J.D. Power  
16 award for satisfied residential customers in the eastern region of the U.S. eight  
17 times since 1999. LG&E and KU management share PPL's commitment to  
18 service excellence and the philosophy of "customer first." This commitment  
19 makes these companies ideal partners in the proposed transaction.

20           The scope of distribution, generation and transmission of the post-  
21 acquisition company will complement PPL's mix of regulated and competitive  
22 generation assets. On a pre-acquisition basis, PPL's regulated business revenues  
23 accounted for 30% of its 2010 estimated earnings, with the remaining 70% of its

1 revenues generated by competitive operations. On a post-acquisition basis, PPL's  
2 regulated business earnings will account for about 55 – 60% of PPL's 2011  
3 estimated earnings, with the remaining 40 – 45% of its earnings generated by  
4 competitive operations. This rebalancing will reduce PPL's operational risk and  
5 increase its earnings predictability and is fully consistent with PPL's broad view  
6 of sustainable long-term growth.

7 If the Commission approves the proposed acquisition, the combined utility  
8 enterprise will be operating within a regulatory framework conducive to steady,  
9 long-term growth. LG&E and KU have historically had the lowest rates in the  
10 region, making their service areas attractive to new industry now and in the  
11 future. PPL's long-term strategic vision will benefit from the Commission's  
12 constructive regulatory framework, thereby allowing PPL to make the investment  
13 needed to provide the highest quality services to customers in Kentucky.

14 **Q. Please provide a general description of the proposed acquisition.**

15 **A.** Under the terms of the Purchase and Sale Agreement among E.ON US  
16 Investments, PPL and E.ON dated as of April 28, 2010 (the "PSA"), a copy of  
17 which is attached as Exhibit A to the Joint Application, PPL will purchase from  
18 E.ON US Investments 100% of the issued and outstanding limited liability  
19 interests of E.ON U.S., a wholly owned subsidiary of E.ON US Investments and  
20 the parent company of LG&E and KU. Upon the completion of the proposed  
21 acquisition, E.ON U.S. will become a wholly owned direct subsidiary of PPL.  
22 Thus, PPL Kentucky will hold LG&E and KU as wholly owned direct  
23 subsidiaries, together with E.ON US Capital Corp. ("E.ON Capital"), E.ON U.S.

1 Foundation, Inc.; LG&E Energy Marketing, Inc., and E.ON US Services Inc.; and  
2 E.ON Capital will continue to hold its current direct and indirect subsidiaries.

3 The transactions contemplated by the PSA include the refinancing by  
4 LG&E and KU, subject to the Commission's approval, of certain unsecured notes  
5 issued by LG&E and KU to Fidelia Corporation. Fidelia Corporation is an  
6 affiliate of E.ON that is not proposed to be transferred to PPL.  
7 Contemporaneously with the completion of the proposed acquisition, PPL will  
8 cause LG&E and KU to repay and refinance all amounts outstanding and all other  
9 amounts then due and payable under the unsecured notes held by Fidelia  
10 Corporation. LG&E and KU have filed, at the same time as the filing of the Joint  
11 Application, separate applications for the approval of these refinancings under  
12 KRS 278.300.

13 **Q. What is PPL's position regarding the role of the Commission after the**  
14 **completion of the proposed acquisition?**

15 **A.** The Commission plays a critical role in regulating the supply and delivery of  
16 electricity for the benefit of Kentuckians. As part of its operational model, PPL  
17 has made and will continue to make substantial efforts to foster and maintain  
18 constructive regulatory relationships in each of the federal, state and local  
19 jurisdictions in which PPL operates. PPL expects to build on the constructive  
20 relationship that LG&E and KU currently have with the Commission.

21 PPL is aware of the history of the regulatory requirements that the  
22 Commission imposed in the previous cases involving the acquisition of ownership  
23 and control of LG&E and KU, and the importance of those requirements to the

1 Commission. For that reason, PPL and E.ON US Investments agreed in the PSA  
2 that PPL would offer to make to the Commission in this proceeding certain  
3 regulatory commitments regarding the future operations of LG&E and KU that  
4 are listed in the Exhibit B to the PSA (the “Regulatory Commitments”). The  
5 Regulatory Commitments are based substantially on commitments that were made  
6 to the Commission by Powergen plc (“Powergen”) and E.ON in the two previous  
7 cases, Case Nos. 2000-095 and 2001-104. A copy of Exhibit B to the PSA is  
8 attached as Exhibit D to the Joint Application.

9 **Q. What are PPL’s plans regarding the management and workforce of PPL**  
10 **Kentucky, LG&E and KU?**

11 **A.** PPL, PPL Kentucky, LG&E and KU commit themselves to the continuity of the  
12 Kentucky presence of LG&E and KU and their current management by agreeing  
13 to keep the headquarters of PPL Kentucky and LG&E in Louisville, and those of  
14 KU in Lexington, for a period of 15 years. [Regulatory Commitment No. 34]  
15 Additionally, PPL, PPL Kentucky, LG&E and KU agree that the corporate  
16 officers of PPL Kentucky, LG&E and KU will maintain their current titles and  
17 responsibilities. [Regulatory Commitments No. 9] PPL and PPL Kentucky agree  
18 that the corporate headquarters of PPL Kentucky will include the corporate  
19 management personnel of PPL Kentucky, and, separately, PPL agrees that it will  
20 develop a retention and incentive program for managers of PPL Kentucky, LG&E  
21 and KU. [Regulatory Commitments No. 15 and 48] PPL also agrees to ensure  
22 that PPL Kentucky’s Board of Managers will consist of at least three members,  
23 one of whom will be the CEO of PPL Kentucky, and that all corporate officers of

1 LG&E and KU will reside in Kentucky for a period of 15 years. [Regulatory  
2 Commitments No. 42 and 47]

3 **Q. What effect will the proposed acquisition have on the utility resources and**  
4 **capitalization of LG&E and KU?**

5 **A.** PPL, E.ON U.S., LG&E and KU are each committed to protecting the utility  
6 resources of LG&E and KU, and maintaining their current capitalization structure.  
7 For that reason, notwithstanding the rights afforded state commissions under the  
8 Public Utility Holding Company Act of 2005 (“PUHCA 2005”), PPL has offered  
9 through Regulatory Commitments No. 3(a) and 3(e) to make clear that the  
10 Commission’s ratemaking authority would not be affected by PUHCA 2005. In  
11 addition, PPL will not cause PPL Kentucky, LG&E or KU to incur any additional  
12 costs or indebtedness in connection with the proposed acquisition, except to the  
13 extent costs are incurred to refinance the existing loans as allowed by Regulatory  
14 Commitment No. 8 and discussed by Mr. Rives. Regulatory Commitment No. 44  
15 requires that PPL Kentucky will hold 100% of the stock of LG&E and KU and  
16 that PPL Kentucky will not transfer any of the stock without prior Commission  
17 approval. Regulatory Commitment No. 50 mandates that any diversified holdings  
18 and investments of PPL such as non-utility businesses or foreign utilities will not  
19 be held by LG&E or KU or their subsidiaries.

20 **Q. Does the PSA require LG&E and KU to join a regional transmission**  
21 **organization?**

22 **A.** No. Participation in a regional transmission organization is voluntarily  
23 undertaken. PPL has no present plans to join a regional transmission organization

1 but is unable to state unequivocally that it will not join a regional transmission  
2 organization in the future. PPL is aware that other utilities have evaluated their  
3 position on this issue as a result of the FERC regulation. PPL has committed to  
4 using its reasonable best efforts to address any market power concerns of FERC,  
5 the U.S. Department of Justice and the Federal Trade Commission through  
6 mitigation measures that do not require participation by LG&E or KU in a  
7 regional transmission organization, require divestiture of operating assets of  
8 LG&E or KU, or require LG&E or KU to decline to use their generating facilities  
9 to serve native load customers. [Regulatory Commitment No. 53]

10 **Q. Are you aware of the Commission's concerns relating to the divestiture of**  
11 **generation facilities?**

12 **A.** Yes. PPL has committed itself to Regulatory Commitment No. 6 which requires  
13 that the Commission's approval be obtained prior to transferring any LG&E or  
14 KU property, plant or equipment with an original book value exceeding \$10  
15 million. PPL is also aware that KRS 278.218 was passed in 2002 amidst concerns  
16 that native utilities might divest themselves of generating assets in much the same  
17 way as California-based utilities had done at that time. It is PPL's understanding  
18 from E.ON U.S. that the Commission and the General Assembly wanted to ensure  
19 that the Commission would have oversight over the transfer by any Kentucky  
20 utility of its generating assets in order to ensure that the crisis then occurring in  
21 California could not occur in Kentucky.



1 **Q. Will the interests of Kentucky and its citizens be considered by PPL when**  
2 **making important business decisions?**

3 **A.** Yes. When budgets, investments, dividend policies, projects, and business plans  
4 are being considered by PPL for the Kentucky business, at a minimum, the CEOs  
5 of LG&E and KU or their designees will be present to offer a Kentucky  
6 perspective to the decision and be permitted to participate in any debates on the  
7 issues. [Regulatory Commitment No. 46] PPL has also agreed, pursuant to  
8 Regulatory Commitment No. 41, that for as long as PPL owns, controls, or  
9 manages LG&E or KU, PPL will endeavor to have an individual resident of  
10 Kentucky on PPL's Board of Directors. In doing so, Kentucky's interest will be  
11 considered by PPL at the highest level of corporate governance.

12 **Q. Will the Commission have access to PPL's books and records after the**  
13 **completion of the proposed acquisition?**

14 **A.** Yes. PPL has committed to keeping and maintaining the books and records of  
15 PPL Kentucky, LG&E and KU in Kentucky, and agrees that the Commission may  
16 audit the accounting records of PPL and its subsidiaries, that are the bases for  
17 charges to LG&E or KU, to determine the reasonableness of allocation factors.  
18 [Regulatory Requirement Nos. 2 and 3(b)]. PPL, PPL Kentucky, LG&E, KU, in  
19 turn, each commit to provide the Commission access to all books and records  
20 which pertain to transactions between LG&E or KU and affiliated companies; and  
21 that they will provide the Commission with 30 days prior notice of any FERC  
22 filing that proposes new allocation factors. [Regulatory Commitment Nos. 3(b)  
23 and 4]

1   **Q.    What is PPL’s position with regard to reporting to the Commission?**

2   **A.**   PPL understands and acknowledges the need for adequate reporting and its  
3           importance to the Commission. Reporting is part of any ongoing constructive  
4           regulatory relationship. Therefore, PPL, PPL Kentucky, LG&E and KU have  
5           committed to file on a timely basis all applications and reports regarding affiliated  
6           transactions required by applicable statutes and regulations and that each of  
7           LG&E and KU will file annually a report regarding affiliated interests.  
8           [Regulatory Commitment Nos. 3(c) and 3(d)] Pursuant to Regulatory  
9           Commitment Nos. 17 and 18, PPL Kentucky will notify the Commission as soon  
10          as practicable before issuing new debt or equity in excess of \$100 million, and  
11          PPL will notify the Commission as soon as practicable after any public  
12          announcement of any acquisition of a business representing 5% or more of PPL’s  
13          capitalization, or any change in effective control or acquisition of a material part  
14          of PPL Kentucky, LG&E or KU. PPL will report annually to the Commission  
15          detailing PPL Kentucky’s proportionate share of PPL’s assets, revenues, expenses  
16          and employees, and will notify the Commission 30 days before LG&E or KU  
17          pays any dividend or transfers more than 5% of its retained earnings. [Regulatory  
18          Commitment Nos. 19 and 20] PPL commits to filing with the Commission a copy  
19          of its annual and quarterly reports on Securities and Exchange Commission Forms  
20          10-K and 10-Q, as well as such additional financial reports as the Commission  
21          reasonably determines to be necessary to effectively regulate LG&E and KU.  
22          [Regulatory Commitment Nos. 21 and 22] LG&E and KU commit to filing with  
23          the Commission informational copies of applications that are filed with any other

1 state utility commission with jurisdiction over PPL and its affiliates and relate to a  
2 money pool arrangement or capital contributions to LG&E or KU. PPL, PPL  
3 Kentucky, LG&E and KU commit to notifying the Commission 30 days before  
4 making any capital contributions to LG&E or KU, and to provide the related  
5 accounting entries within 60 days after the end of the month in which the  
6 contribution was made. [Regulatory Commitment Nos. 23 and 24]

7 **Q. What is PPL's position on the importance of research and development?**

8 **A.** PPL believes funding for research and development, especially in the area of  
9 "clean coal" and similar technologies, is critical to the Commonwealth of  
10 Kentucky. For this and other reasons, PPL Kentucky, LG&E and KU also  
11 commit to notifying the Commission in writing 30 days before any material  
12 changes in their participation in funding for research and development, including  
13 an explanation and the reasons for the change in policy. [Regulatory  
14 Commitment No. 30]

15 **Q. What effect will the proposed acquisition have on the customer service and  
16 reliability of LG&E and KU?**

17 **A.** The proposed acquisition will have no adverse impact on the ability of LG&E and  
18 KU to provide superior customer service and reliability and will provide the  
19 opportunity for enhanced service and reliability. PPL, PPL Kentucky, LG&E and  
20 KU will adhere to a series of Regulatory Commitments to ensure that Kentucky  
21 ratepayers continue to benefit from excellent customer service after the proposed  
22 acquisition. Moreover, PPL Electric has extensive experience from its operations  
23 in Pennsylvania in implementing energy efficiency and conservation programs,

1 deploying smart meter technology and responding to storm outages. WPD South  
2 West and WPD South Wales also have experience with these issues. PPL's  
3 commitment to customer service and the relevant Regulatory Commitments are  
4 described in Mr. Spence's testimony.

5 **Q. What will be the composition of the Boards of Directors of LG&E and KU**  
6 **following the proposed acquisition?**

7 **A.** PPL attaches great importance to the skills and experience of LG&E's and KU's  
8 existing managers and employees. PPL has committed that the Board of PPL  
9 Kentucky will consist of at least three members, one of whom will be the then-  
10 current chief executive officer of PPL Kentucky. In addition, PPL has made the  
11 commitment to allow the corporate officers of PPL Kentucky, LG&E and KU to  
12 maintain their current titles and responsibilities (subject to the terms set forth in  
13 Regulatory Commitment No. 9). Of course, all of these commitments are subject  
14 to PPL's obligation under Sarbanes-Oxley to maintain adequate controls over all  
15 aspects of its business.

16 **Q. How will PPL ensure that the proposed acquisition will benefit the**  
17 **community, employees and other stakeholders after the completion of the**  
18 **proposed acquisition?**

19 **A.** PPL, PPL Kentucky, LG&E and KU will nurture and maintain their respective  
20 relationships with government, the community, employees and other stakeholders.  
21 PPL commits to taking an active and ongoing role in managing and operating  
22 LG&E and KU in the interests of customers, employees, and the Commonwealth,  
23 and will enhance LG&E's and KU's relationship with the Commission, with state

1 and local government, and with other community interests, including, but not  
2 limited to, meetings between PPL's CEO and the Commission at least twice a  
3 year. [Regulatory Commitments No. 10] PPL will maintain LG&E's and KU's  
4 pro-active stance on developing economic opportunities in Kentucky and  
5 supporting economic development, and social and charitable activities, throughout  
6 their service territories, and together PPL, PPL Kentucky, LG&E and KU will  
7 work with the Governor and designated state agencies to promote economic  
8 development in Kentucky. [Regulatory Commitment Nos. 40 and 51] PPL, PPL  
9 Kentucky, LG&E and KU will consult with the Governor and state agencies  
10 designated by the Governor regarding clean coal technologies and the  
11 development of programs by Kentucky that qualify for federal funding for  
12 research and development and projects utilizing clean coal technologies.  
13 [Regulatory Commitment No. 52] PPL has accumulated extensive experience in  
14 the utilization of "clean-coal" technology and will look to identify ways in which  
15 to employ this experience in order to maintain and improve coal plant operations  
16 in Kentucky.

17 Historically, each of PPL, E.ON US, LG&E and KU have been committed  
18 to community and civic involvement. PPL and PPL Kentucky will cause LG&E  
19 and KU to maintain a substantial level of involvement in community activities,  
20 through annual charitable and other contributions, on a level comparable to or  
21 greater than the participation levels before the proposed acquisition, and PPL will  
22 maintain and support the relationship between LG&E and KU and the

1 communities that each serves for a period of 10 years from the closing of the  
2 proposed acquisition. [Regulatory Commitment No. 36]

3 PPL commits to maintaining a sound and constructive relationship with  
4 labor organizations that represent employees of PPL Kentucky, LG&E, and KU,  
5 will remain neutral respecting an individual's right to choose whether or not to be  
6 a member of a trade union and will continue to recognize the unions that currently  
7 have collective bargaining agreements and will honor those agreements.  
8 [Regulatory Commitment No. 11] LG&E and KU further commit that in any  
9 Commission proceeding involving safety violations by employees of independent  
10 contractors, LG&E and KU will be responsible for the acts of the employees of  
11 the independent contractors to the same extent that LG&E and KU are responsible  
12 for the acts of their own employees, that the proposed acquisition will have no  
13 effect or impact on various agreements associated with the unwind and  
14 termination of the lease agreement with Big Rivers; and that wholesale customers  
15 should be held harmless. [Regulatory Commitment Nos. 14, 38 and 54] PPL has  
16 committed in Regulatory Commitment No. 10 to take an active and ongoing role  
17 in managing and operating LG&E and KU in the interests of their customers, their  
18 employees and the Commonwealth of Kentucky. PPL's preference is for the  
19 management of PPL Kentucky to maintain its oversight of LG&E and KU, and  
20 for each of LG&E and KU to maintain operational administration of their  
21 respective companies as set forth in Regulatory Commitment No. 9 and subject to  
22 PPL's obligation under Sarbanes-Oxley to maintain adequate controls over all

1 aspects of its business. PPL is confident this level of involvement will continue to  
2 produce superior customer service and cost-efficient operations.

3 **Q. Does PPL have the financial ability to cause LG&E and KU to continue to**  
4 **provide reasonable service after the completion of the proposed acquisition?**

5 **A.** Yes. PPL's financial ability to cause LG&E and KU to continue to provide  
6 reasonable service after the proposed acquisition is described in greater detail in  
7 the testimony of Paul A. Farr. However, I will briefly state that PPL is a major  
8 utility holding company with about \$22 billion in total assets, which generated  
9 over \$7.56 billion in total operating revenues in 2009. As a result of the proposed  
10 acquisition, PPL will become a more geographically diverse utility holding  
11 company with combined annual revenues of about \$10 billion. The proposed  
12 acquisition will create an enterprise value of \$25.4 billion, as measured by PPL's  
13 stock price on April 27, 2010. On a post-acquisition basis, PPL and its  
14 subsidiaries, including LG&E and KU, will serve nearly five million electricity  
15 customers in the United States and the United Kingdom, and own or control  
16 20,000 megawatts of U.S. electricity generating capacity.

17 PPL is very strong financially and operates in a creditworthy industry, as  
18 evidenced by its ability to finance the proposed acquisition. PPL and its  
19 subsidiaries have substantial access to financial markets with an unused domestic  
20 credit capacity exceeding \$3.5 billion. PPL would not have had the ability to  
21 access the credit markets and to attract capital at reasonable rates if it were not  
22 recognized as a financially sound and viable company.

1 **Q. Does PPL have the managerial ability to cause LG&E and KU to continue to**  
2 **provide reasonable service after the completion of the proposed acquisition?**

3 **A.** Yes. PPL has extensive managerial experience in the utilities industry. PPL  
4 recognizes the excellent skills and talents of LG&E's and KU's existing  
5 management and fully intends to maintain these groups. This commitment is  
6 reflected by PPL's decision to allow the corporate officers of LG&E and KU the  
7 ability to maintain their current titles and responsibilities. In this regard, PPL has  
8 made the same commitments as Powergen and E.ON made in previous cases.  
9 [Regulatory Commitment No. 9]

10 PPL intends to retain the managerial expertise of E.ON U.S., LG&E and  
11 KU and has therefore committed to maintaining the corporate headquarters of  
12 PPL Kentucky in Louisville, Kentucky, and to requiring the persons who are  
13 corporate officers of PPL Kentucky, LG&E and KU during the 15-year period to  
14 reside within Kentucky. [Regulatory Commitment Nos. 34, 47 and 48]

15 **Q. Does PPL have the technical ability to cause LG&E and KU to continue to**  
16 **provide reasonable service to their customers after the completion of the**  
17 **proposed acquisition?**

18 **A.** Yes. PPL's technical ability to cause LG&E and KU to continue to provide  
19 reasonable service after the proposed acquisition is described in greater detail in  
20 the testimony of Mr. Spence. However, I will briefly state that PPL has vast  
21 technical experience by virtue of its total generation capacity of nearly 12,000  
22 megawatts, its large portfolio of international energy assets, and its leadership role  
23 in the U.S. and United Kingdom electricity generation and/or supply markets.



1 PPL's customers include interregional, regional, and municipal utilities and  
2 traders, large industrial and special-rate customers, as well as standard-rate  
3 customers. PPL has over 48,000 miles of transmission and distribution lines in  
4 the U.S. In addition to PPL's expertise regarding the operation of an electric  
5 utility, PPL also has substantial institutional knowledge regarding natural gas  
6 utility operations. Until October 2008, PPL operated PPL Gas Utilities  
7 Corporation, a Pennsylvania company that owned over 3,000 miles of distribution  
8 lines and substantial underground gas storage capacity, and provided natural gas  
9 and propane services to approximately 110,000 customers in various counties  
10 throughout Pennsylvania as well as portions of Maryland. PPL has the technical  
11 ability to cause LG&E and KU to continue to provide reasonable electric and  
12 natural gas service to their customers after the proposed acquisition.

13 **Q. Will the proposed acquisition be made for a proper purpose?**

14 **A.** The proposed acquisition of E.ON U.S. by PPL will be made for a proper  
15 purpose. The proposed acquisition by PPL, like the previous acquisitions, will  
16 cause LG&E and KU to be part of a larger utility system with the size and  
17 resources to permit LG&E and KU to continue to provide superior service, and  
18 the experience and expertise to succeed in the rapidly evolving energy industry.  
19 Thus, the proposed acquisition, like the previous acquisitions, will permit LG&E  
20 and KU to continue to meet their commitments to their customers, their  
21 communities and the Commonwealth as a whole. In its orders in Case Nos. 2000-  
22 095 and 2001-104, the Commission found these were proper purposes for the  
23 previous acquisitions of control of LG&E and KU.

1           The proposed acquisition, in contrast to the previous acquisitions, will be  
2           made by a domestic company that is headquartered in the United States and that is  
3           aware from its domestic operations of the importance and viability of coal as a  
4           fuel supply for the generation of electric power. PPL understands that the  
5           proposed acquisition would be the third change of control of LG&E and KU in 12  
6           years. PPL intends to acquire and operate LG&E and KU as important core  
7           assets. After the completion of the proposed acquisition, LG&E and KU will  
8           continue to be regulated utilities subject to the Commission's jurisdiction, and  
9           they will continue to emphasize – as PPL's regulated utility subsidiaries currently  
10          do – customer satisfaction and commitment to their communities.

11           PPL is firmly committed to maintaining and supporting the historic  
12          relationships among E.ON U.S., LG&E and KU and the communities that they  
13          serve. After the completion of the proposed acquisition, PPL Kentucky and  
14          LG&E will continue to maintain their headquarters and presence in Louisville,  
15          and KU will continue to maintain its headquarters and presence in Lexington.  
16          PPL has committed to maintain these headquarters locations for 15 years. The  
17          proposed acquisition will serve the interest of LG&E's and KU's customers, their  
18          communities and the Commonwealth as a whole and is, therefore, for a proper  
19          purpose.

20   **Q. Will the proposed acquisition be made in accordance with law?**

21   **A.** Yes. PPL is fully committed to consummating the proposed acquisition in  
22          accordance with applicable law. On April 27, 2010, PPL's Board of Directors  
23          unanimously approved the proposed acquisition of E.ON U.S. and the related

1 transactions contemplated by the PSA. The approval of PPL's shareholders was  
2 not required to proceed with the proposed acquisition. On April 27, 2010, the  
3 Supervisory Board of E.ON accepted the recommendation of the E.ON Board of  
4 Management to proceed with the proposed transaction.

5 The testimony of Victor A. Staffieri describes the regulatory approvals  
6 that will be required to complete the proposed acquisition in accordance with  
7 applicable law. However, I will briefly state that the closing of the proposed  
8 acquisition is subject to several federal and state regulatory conditions, in addition  
9 to approval by the Commission. The proposed acquisition must be approved by  
10 FERC, the Federal Communications Commission, the Virginia State Corporation  
11 Commission and the Tennessee Regulatory Authority, and PPL and E.ON U.S.  
12 will be required to satisfy the premerger notification and reporting requirements  
13 of the Hart-Scott-Rodino Antitrust Improvements Act of 1976, as amended.

14 **Q. Is the proposed acquisition consistent with the public interest?**

15 **A.** The proposed acquisition of E.ON U.S. by PPL is consistent with the public  
16 interest. PPL is proposing to acquire the ownership and control of LG&E and KU  
17 with a broad, long-term perspective consistent with PPL's strategic focus on  
18 customer service, cost-efficient operations and steady, long-term growth. As  
19 discussed above, PPL has agreed to the Regulatory Commitments that were made  
20 to the Commission by Powergen and E.ON in connection with the previous cases.

21 The Regulatory Commitments require each of PPL, PPL Kentucky, LG&E  
22 and KU to adhere to the conditions described in the Commission's orders in Case  
23 Nos. 10296, 89-374, 97-300, 2000-095 and 2001-104, except to the extent

1 expressly superseded by KRS 278.2201 through 278.2219, the jurisdiction of  
2 FERC or the findings and conditions of the Commission in response to the Joint  
3 Application. [Regulatory Commitment No. 1] This general commitment is  
4 supported by additional specific commitments, which I have mentioned  
5 throughout my testimony.

6 Through its agreement to honor the Regulatory Commitments, PPL has  
7 committed itself to acquiring, operating and maintaining LG&E and KU in a  
8 manner consistent with the public interest. Through the various Regulatory  
9 Commitments contained in the PSA, PPL has fully addressed the regulatory  
10 concerns that the Commission expressed in the previous merger-related orders  
11 noted above, to the extent that those concerns have not been addressed by  
12 intervening legislation and regulation. In addition, the Regulatory Commitments  
13 address other matters that are of substantial public importance to the  
14 Commonwealth and its citizens. For those reasons, the proposed acquisition is  
15 consistent with the public interest.

16 The proposed acquisition will combine the operational talents of PPL,  
17 LG&E and KU and provide them with opportunities to work together, to share  
18 technologies and experiences and to provide a solid base for continued local  
19 operational control and superior customer service thereby substantially benefiting  
20 Kentucky.

21 **Q. Will there be any synergies from the proposed acquisition?**

22 **A.** PPL did not consider any synergies or savings in evaluating the economics of the  
23 proposed acquisition. Nevertheless, PPL, PPL Kentucky, LG&E and KU have

1 committed that within 60 days after the completion of the proposed acquisition  
2 they will file with the Commission a petition setting forth a formal analysis of any  
3 potential savings created by the proposed acquisition from the acquisition and a  
4 proposed methodology for allotting an appropriate share of the potential  
5 synergies, if any, to LG&E's and KU's ratepayers. [Regulatory Commitment No.  
6 39]

7 **Q. Please summarize your testimony.**

8 **A.** PPL is a very strong company that has the financial, technical, and managerial  
9 abilities to cause LG&E and KU to continue to provide reasonable service to their  
10 customers after the completion of the proposed acquisition. PPL is seeking the  
11 Commission's approval for the proposed acquisition and has described the  
12 anticipated effects the proposed acquisition will have on LG&E and KU and  
13 consequently their customers. PPL approaches the proposed acquisition with a  
14 broad, long-term view, and has committed to each of the Regulatory  
15 Commitments. PPL respectfully submits that the acquisition of control of LG&E  
16 and KU to PPL will be made in accordance with law and for a proper purpose and  
17 will be consistent with the public interest.

18 **Q. What action do you request the Commission to take in this proceeding?**

19 **A.** I respectfully request that the Commission approve the proposed acquisition of  
20 control of LG&E and KU by PPL.

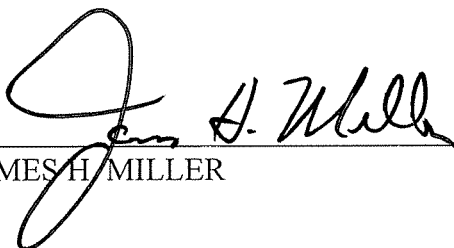
21 **Q. Does this conclude your testimony?**

22 **A.** Yes. I thank the Commission for its thoughtful consideration of the proposed  
23 acquisition.

VERIFICATION

COMMONWEALTH OF PENNSYLVANIA )  
 ) SS:  
COUNTY OF LEHIGH )

JAMES H. MILLER, being duly sworn, deposes and says that he has read the foregoing testimony and exhibits and knows the matters contained therein, and that said matters are true and correct to the best of his knowledge and belief.

  
\_\_\_\_\_  
JAMES H. MILLER

Subscribed and sworn to before me, a Notary Public in and for the above County and State, on May 24, 2010.

  
\_\_\_\_\_  
Notary Public

My Commission Expires:

COMMONWEALTH OF PENNSYLVANIA  
NOTARIAL SEAL  
MILDRED A. CASTILLO, NOTARY PUBLIC  
CITY OF ALLENTOWN, LEHIGH COUNTY  
MY COMMISSION EXPIRES JULY 26, 2011

**APPENDIX A**

**James H. Miller**

PPL Corporation  
Two North Ninth Street  
Allentown, Pennsylvania 18101

**Education**

Bachelors Degree (Electrical Engineering)  
University of Delaware, May 1977

**Employment History**

**PPL Corporation**

Chairman of the Board	October 2006 – present
Chief Executive Officer	October 2006 – present
President	August 2005 – present
Chief Operating Officer	September 2004 – October 2006
Executive Vice President	January 2004 – September 2004

**Additional Employment History**

President, PPL Generation  
Executive Vice President, USEC, Inc.  
President, ABB Environmental Systems  
President, ABB Resource Recovery Systems  
UC Operating Services  
Delmarva Power and Light Co.

**Civic Activities**

Education 2010 (Allentown, P.A.) – Leadership Team





**COMMONWEALTH OF KENTUCKY**  
**BEFORE THE PUBLIC SERVICE COMMISSION**

**In the Matter of:**

**THE JOINT APPLICATION OF PPL )  
CORPORATION, E.ON AG, E.ON US )  
INVESTMENTS CORP., E.ON U.S. )  
LLC, LOUISVILLE GAS AND )  
ELECTRIC COMPANY AND )  
KENTUCKY UTILITIES COMPANY )  
FOR APPROVAL OF AN )  
ACQUISITION OF OWNERSHIP )  
AND CONTROL OF UTILITIES )**

**CASE NO. 2010-00204**

**TESTIMONY**

**OF**

**PAUL A. FARR**

**EXECUTIVE VICE PRESIDENT AND CHIEF  
FINANCIAL OFFICER, PPL CORPORATION**

**MAY 28, 2010**

1 **Q. Please state your name and business address.**

2 **A.** My name is Paul A. Farr. My business address is Two North Ninth Street,  
3 Allentown, PA 18101.

4 **Q. By whom are you employed and what is your position?**

5 **A.** I am Executive Vice President and Chief Financial Officer of PPL Corporation  
6 (“PPL”). In this position, I have overall responsibility for the corporate finances  
7 of PPL as well as oversight of the risk management and information technology  
8 functions within the company.

9 **Q. Please describe your employment history and your education.**

10 **A.** My employment history and educational background are described in Appendix A  
11 to my testimony. I joined PPL in 1998 as director of international tax for PPL  
12 Global, LLC (“PPL Global”), the subsidiary that owns and operates electricity  
13 distribution businesses serving about 2.6 million customers in the United  
14 Kingdom. I created global tax deferral structures and financing vehicles and  
15 performed tax and financial due diligence for international acquisitions. When  
16 PPL acquired 13 generating plants in Montana in 1999, I served as PPL Montana  
17 LLC’s (“PPL Montana”) chief financial officer and vice president-finance. I led  
18 the finance department of PPL Montana, implementing financial systems, controls  
19 and reporting procedures, and I helped to create the corporate organization.

20 I returned to PPL Global in October 2001 as vice president-operations and  
21 chief operating officer. I was promoted to senior vice president of PPL Global in  
22 December 2003, with responsibility for overseeing all day-to-day operations of  
23 the subsidiary, including international operations and international and domestic

1 business development. At that time we owned and operated electricity  
2 distribution operations in Brazil, Chile, El Salvador and Bolivia, and the United  
3 Kingdom, serving more than 4.5 million customers. I became vice president and  
4 controller for PPL in 2004, and I was promoted to senior vice president-financial  
5 in August 2005. In April 2007, I assumed my current position.

6 I came to PPL from Illinova Generating Company, where I served as  
7 international project finance manager, coordinating financial, tax and legal due  
8 diligence for international acquisitions of electricity generation assets. Prior to  
9 that time, I was international tax manager for Price Waterhouse LLP, and I  
10 worked for Arthur Andersen as an international tax advisor.

11 I am a Green Bay, Wisconsin native. I received a master's degree in  
12 management from Purdue University and a bachelor's degree in accounting from  
13 Marquette University. I am a certified public accountant, and I serve on the  
14 boards of the Allentown Art Museum and the Creative Glass Center of America.

15 **Q. What is the purpose of your testimony in this proceeding?**

16 **A.** The purpose of my testimony is to describe the financial ability of PPL to  
17 complete the proposed acquisition of ownership and control of Louisville Gas and  
18 Electric Company ("LG&E") and Kentucky Utilities Company ("KU") and to  
19 cause LG&E and KU to continue to provide reasonable service to their customers  
20 after completion of the proposed acquisition.

21 **Q. Please describe the proposed acquisition.**

22 **A.** The Purchase and Sale Agreement among PPL, E.ON US Investments Corp.  
23 ("E.ON US Investments") and E.ON AG ("E.ON") dated as of April 28, 2010

1 (the “PSA”), provides for the sale to PPL of all of the issued and outstanding  
2 limited liability company interests of E.ON U.S. LLC (“E.ON U.S.”), a wholly  
3 owned direct subsidiary of E.ON US Investments. LG&E and KU are wholly  
4 owned direct subsidiaries of E.ON U.S. The purchase price under the PSA is  
5 \$7.625 billion. The purchase price consists of cash consideration of \$6.7 billion  
6 and the assumption by PPL of all tax-exempt pollution control bonds issued by  
7 LG&E and KU outstanding at the time of the closing of the proposed acquisition,  
8 expected to be approximately \$925 million. Upon completion of the proposed  
9 acquisition, E.ON U.S. will be a wholly owned direct subsidiary of PPL. The  
10 proposed acquisition will leave intact the current corporate structure of E.ON U.S.  
11 and its direct and indirect subsidiaries, including LG&E and KU. However, the  
12 names of the entities with “E.ON” in their current names will be changed after the  
13 closing. There will be no change in the current names of LG&E and KU. PPL  
14 has not yet determined the new name of E.ON U.S. LLC. Solely for convenience,  
15 I will refer to E.ON U.S. LLC as “E.ON U.S.” for the period before the  
16 completion of the proposed acquisition, and as “PPL Kentucky” for the period  
17 after the completion of the proposed acquisition.

18 **Q. How will PPL finance the proposed acquisition?**

19 **A.** PPL has a combination of cash on hand and credit facilities in place to finance the  
20 proposed acquisition. In connection with entering into the PSA, PPL entered into  
21 an agreement with Bank of America, N.A., Banc of America Securities LLC,  
22 Merrill Lynch, Credit Suisse AG and Credit Suisse Securities (USA) LLC, under  
23 which PPL has been provided a 364-day unsecured bridge financing commitment

1 to ensure a cash tender making up nearly 85% of the total purchase price. PPL  
2 also has \$3.5 billion in credit capacity under other existing multi-year credit  
3 facilities. The permanent financing contemplated by PPL for the proposed  
4 acquisition includes the offering by PPL of \$750 million to \$1.0 billion in high  
5 equity content securities, and the public offering by PPL of \$2.2 billion to \$2.6  
6 billion in common stock. Upon completion of the proposed acquisition, PPL will  
7 have available resources and assets of about \$33 billion (about \$22.0 billion as of  
8 December 31, 2009), including \$3.5 billion in unused credit capacity with which  
9 to continue to pursue its business goals through its direct and indirect subsidiaries  
10 including LG&E and KU. The transactions contemplated by the PSA include,  
11 subject to the Commission's approval, the issuance of first mortgage bonds by  
12 LG&E and KU, which will be used for the repayment of unsecured indebtedness  
13 that LG&E and KU currently owe to an E.ON affiliate. LG&E and KU have  
14 filed, at the same time as the filing of this Application, separate applications for  
15 the Commission's approval of the issuance of first mortgage bonds. Finally, we  
16 expect to issue \$800 million in unsecured corporate debt at PPL Kentucky.

17 **Q. Does PPL have the financial ability to undertake the proposed financing?**

18 **A.** Yes. PPL is a major utility holding company with about \$22 billion in pre-  
19 acquisition total assets which generated over \$7.56 billion in total operating  
20 revenues in 2009. PPL's efficient, high quality operations and fiscal  
21 responsibility has resulted in consistent and steady earnings. In 2009, PPL  
22 reported earnings of \$1.08 per share and earnings from ongoing operations of  
23 \$1.95 per share. Since December 31, 2004, PPL's five-year cumulative total

1 return on its shareholders' investment has outperformed the Edison Electric  
2 Institute Index of Investor-Owned Electric Utilities and the Standard & Poor's  
3 500 Index. PPL has increased its shareholder dividend for eight consecutive  
4 years, with dividends paid in 258 consecutive quarters.

5 **Q. What will be the result of the acquisition on PPL's utility businesses and**  
6 **financial resources?**

7 **A.** The proposed acquisition should have a stabilizing effect on PPL's overall  
8 business, securing an asset that should be capable of producing steady cash flow  
9 and consistent earnings over time. PPL's growth strategy is fiscally responsible,  
10 and the proposed acquisition exemplifies PPL's commitment to balancing its  
11 business mix and sustainable long-term growth. PPL's book value and market  
12 price per share increased by 7.5% and 5.2% from December 31, 2008 to  
13 December 31, 2009 respectively. In addition, PPL currently forecasts 2010  
14 earnings from ongoing operations of \$3.10 to \$3.50 per share. After the proposed  
15 acquisition is completed, PPL will hold approximately \$33 billion in total assets,  
16 which will generate an estimated \$10 billion in total operating revenues per year.  
17 PPL's post-acquisition enterprise value will be about \$25.4 billion, as measured  
18 by PPL's stock price on April 27, 2010. PPL believes that, through the proposed  
19 acquisition, it will acquire best-in-class utility franchises that currently operate  
20 under progressive and fair regulation, resulting in excellent customer service,  
21 reasonable rates and reasonable returns for LG&E and KU. The well-run and  
22 experienced existing business units of PPL and its subsidiaries will give LG&E  
23 and KU a long-term advantage in the increasingly competitive energy market of

1 the future, and the proposed acquisition will contribute to the overall financial  
2 stability of PPL.

3 It is also important to note, and as discussed in the testimony of Mr.  
4 Miller, that the economics of the proposed acquisition do not assume or rely on  
5 synergies or savings.

6 **Q. Will the acquisition have any impact on the existing tax allocation agreement  
7 between E.ON US Investments Corp. and E.ON U.S. and its subsidiaries?**

8 **A.** The acquisition will require the modification of the Amended and Restated Tax  
9 Allocation Agreement dated March 31, 2009, by and among E.ON US  
10 Investments, E.ON U.S., LG&E, KU and their affiliates (the “Tax Allocation  
11 Agreement”). The parties expect the terms and conditions of any modified Tax  
12 Allocation Agreement to be the same as those currently included therein which  
13 will separate regulated and non-regulated businesses through the use of the  
14 “stand-alone” tax calculation for the parties and their affiliates, thereby preventing  
15 any cross subsidization between the utilities and their holding company and its  
16 affiliates.

17 **Q. How will PPL comply with the requirements of the Public Holding Company  
18 Act of 2005?**

19 **A.** Under the Public Utility Holding Company Act of 2005 (“PUHCA 2005”),  
20 holding companies and associated companies, unless they meet narrow  
21 exemptions or waivers, must maintain books and records necessary and  
22 appropriate for the protection of utility customers. In addition, holding company  
23 service companies, such as E.ON U.S. Services, Inc. (“E.ON U.S. Services”) must

1 maintain their records in accordance with the Federal Energy Regulatory  
2 Commission's ("FERC") Uniform System of Accounts. Further, PUHCA 2005  
3 mandates that holding companies and holding company service companies  
4 comply with FERC record retention rules. PUHCA 2005 also grants state  
5 regulatory commissions authority to obtain access to books and records of a  
6 holding company and its affiliate companies if the state commission determines  
7 such books and records are relevant to costs incurred by the electric or gas  
8 distribution utility it regulates and access is necessary for the effective discharge  
9 by that state commission of its responsibilities. More importantly, nothing in  
10 PUHCA 2005 precludes FERC or a state commission from exercising its  
11 jurisdiction under otherwise applicable law to protect utility customers. PPL is a  
12 holding company under PUHCA 2005, which includes a service company, PPL  
13 Services Corporation, that provides non-power goods and services to affiliates.  
14 PPL currently is exempt from certain of FERC's regulations under PUHCA 2005  
15 because it is deemed a "single-state holding company system." After completion  
16 of the proposed acquisition, LG&E and KU will become part of PPL's holding  
17 company system. As a result, PPL expects to lose its waiver from certain FERC  
18 regulations under PUHCA 2005 as a "single-state holding company" under 18  
19 C.F.R. Section 366.3(c)(1) and to be subject to the full FERC requirements of  
20 PUHCA 2005. PPL's existing service company and E.ON U.S. Services will  
21 operate as centralized service companies with pricing "at cost" for any services  
22 provided to LG&E, KU and PPL Electric Utilities Corporation, as was the  
23 standard under the Public Utility Holding Company Act of 1935 and FERC



1 regulations. In other words, both LG&E and KU will continue to use E.ON U.S.  
2 Services as a centralized service company for purposes of PUHCA 2005, and the  
3 Commission will have the same ratemaking and regulatory authority over the  
4 rates and services of LG&E and KU under Kentucky and federal law as it does  
5 today. As noted in the Joint Application, there will be no change in the corporate  
6 structure of E.ON U.S., including the use of E.ON U.S. Services, for purposes of  
7 complying with PUHCA 2005.

8 In addition, I would note that PPL and E.ON US Investments agreed in the  
9 PSA that PPL would offer to make to the Commission in this proceeding certain  
10 Regulatory Commitments that are listed in Exhibit B to the PSA, a copy of which  
11 is attached as Exhibit D to the Joint Application in this proceeding. The  
12 Regulatory Commitments include an overarching commitment that PPL, PPL  
13 Kentucky, LG&E and KU will adhere to the conditions described in the  
14 Commission's orders in Case Nos. 10296, 89-374, 97-300, 2000-095 and 2001-  
15 104, except to the extent expressly superseded by KRS 278.2201 through  
16 278.2219, the jurisdiction of FERC or the findings and conditions of the  
17 Commission in response to this Application. [Regulatory Commitment No. 1]  
18 Further, the Regulatory Commitments include the commitment that PPL, LG&E  
19 and KU will comply with all applicable Commission statutes and regulations  
20 regarding affiliated transactions, including timely filing of applications and  
21 reports, and the filing by PPL on an annual basis of an affiliated interest report  
22 including an organization chart, narrative description of each affiliate, revenue for

1 each affiliate, and transactions with each affiliate. [Regulatory Commitment No.  
2 3]

3 **Q. Will PPL operate in compliance with the Sarbanes-Oxley Act of 2002 in**  
4 **connection with its new subsidiaries?**

5 **A.** Yes. PPL is a public company required to comply with the Sarbanes-Oxley Act  
6 of 2002 ("Sarbanes-Oxley Act"). PPL is familiar with the disclosure and  
7 accounting oversight requirements under the Sarbanes-Oxley Act, and it currently  
8 operates in compliance with those requirements. This knowledge and experience  
9 will facilitate the transition of LG&E and KU into subsidiaries of a public  
10 company subject to the Sarbanes-Oxley Act. The transition with respect to the  
11 new disclosure and accounting oversight requirements on the part of LG&E and  
12 KU will be seamless.

13 **Q. Does PPL have the financial ability to complete the proposed acquisition and**  
14 **cause LG&E and KU to continue to provide reasonable service after the**  
15 **completion of the proposed acquisition?**

16 **A.** Yes. PPL will acquire E.ON U.S. with current liquid assets and bridge financing.  
17 As noted above, PPL will have available resources and assets of about \$33 billion  
18 (about \$22 billion as of December 31, 2009) including \$3.5 billion of credit  
19 capacity, with which to continue to pursue its strategic goals through its direct and  
20 indirect subsidiaries, including LG&E and KU. For the reasons discussed above,  
21 PPL has the financial ability to complete the proposed acquisition and will retain  
22 the financial ability to cause LG&E and KU to continue to provide reasonable  
23 service to their customers after the completion of the proposed acquisition.

1 **Q. Will the Commission have access to PPL's books and records after the**  
2 **completion of the proposed acquisition?**

3 **A.** Yes. PPL has committed to keeping and maintaining the books and records of  
4 PPL Kentucky, LG&E and KU in Kentucky, and agrees that the Commission may  
5 audit the accounting records of PPL and its subsidiaries that are the bases for  
6 charges to LG&E or KU to determine the reasonableness of allocation factors.  
7 [Regulatory Commitments No. 2 and 3(b)] PPL, PPL Kentucky, LG&E and KU,  
8 in turn, each commit to provide the Commission access to all books and records  
9 which pertain to transactions between LG&E and KU and affiliate companies;  
10 and that they will provide the Commission with 30 days prior notice of any FERC  
11 filing that proposed new allocation factors. [Regulatory Commitments No. 3(b)  
12 and 4]

13 **Q. What action do you request that the Commission take in this proceeding?**

14 **A.** For the reasons stated in my testimony, I respectfully request that the Commission  
15 approve the proposed acquisition of control of LG&E and KU by PPL.

16 **Q. Does this conclude your testimony?**

17 **A.** Yes. I thank the Commission for its thoughtful consideration of the proposed  
18 acquisition.



## APPENDIX A

### **Paul A. Farr**

Executive Vice President, Chief Financial Officer  
PPL Corporation  
Two North Ninth Street  
Allentown, Pennsylvania 18101

### **Business and Professional Affiliations, Civic Involvement**

Certified Public Accountant  
Board Member, Allentown Art Museum  
Board Member, Creative Glass Center of America

### **Education**

B.A., Accounting, Marquette University  
M.A., Management, Purdue University

### **Employment History**

2007 – present Executive Vice President - Chief Financial Officer, PPL Corporation  
2005 – 2007 Senior Vice President - Finance, PPL Corporation  
2004 – 2005 Vice President and Controller, PPL Corporation  
2003 – 2004 Senior Vice President, PPL Global, LLC  
2001 – 2003 Chief Operating Officer, Vice Pres. - Operations, PPL Global, LLC  
1999 – 2001 Chief Financial Officer, Vice President, Finance PPL Montana, LLC  
1998 – 1999 Director of International Tax, PPL Global, LLC

### **Additional Employment History**

International Project Finance Manager, Illinova Generating Company  
International Tax Manager, Price Waterhouse LLP  
International Tax Advisor, Arthur Andersen



**COMMONWEALTH OF KENTUCKY**  
**BEFORE THE PUBLIC SERVICE COMMISSION**

**In the Matter of:**

<b>THE JOINT APPLICATION OF PPL</b>	)	
<b>CORPORATION, E.ON AG, E.ON US</b>	)	
<b>INVESTMENTS CORP., E.ON U.S. LLC,</b>	)	
<b>LOUISVILLE GAS AND ELECTRIC</b>	)	
<b>COMPANY AND KENTUCKY UTILITIES</b>	)	<b>CASE NO. 2010-00204</b>
<b>COMPANY FOR APPROVAL OF AN</b>	)	
<b>ACQUISITION OF OWNERSHIP AND</b>	)	
<b>CONTROL OF UTILITIES</b>	)	

**TESTIMONY**

**OF**

**WILLIAM H. SPENCE**

**EXECUTIVE VICE PRESIDENT AND CHIEF OPERATING OFFICER, PPL  
CORPORATION; PRESIDENT, PPL GENERATION, LLC**

**MAY 28, 2010**

1 **Q. Please state your name and business address.**

2 **A.** My name is William H. Spence. My business address is Two North Ninth Street,  
3 Allentown, PA 18101.

4 **Q. By whom are you employed and what is your position?**

5 **A.** I am the Executive Vice President and Chief Operating Officer of PPL  
6 Corporation (“PPL”) and President of PPL Generation, LLC (“PPL Generation”),  
7 an indirect subsidiary of PPL that owns and operates U.S. generating facilities  
8 through various subsidiaries. I oversee the day-to-day operations of PPL’s  
9 generation, marketing and distribution and transmission companies, including  
10 PPL’s electricity delivery businesses in the United Kingdom and its nuclear  
11 development company. I also am a member of PPL’s Corporate Leadership  
12 Council, which sets the strategic direction for PPL and its subsidiaries.

13 **Q. Please describe your employment history and your education.**

14 **A.** My employment history and education are described in Appendix A to my  
15 testimony. I joined PPL in 2006 after 19 years of experience with Pepco  
16 Holdings (one of the largest energy delivery companies in the mid-Atlantic  
17 region), and its predecessor companies, Delmarva Power & Light Co., a regional  
18 gas and electric utility company now serving about 500,000 electric delivery  
19 customers in Delaware and the Delmarva Peninsula and about 124,000 natural gas  
20 delivery customers in northern Delaware, and Conectiv Energy, an energy trading  
21 and wholesale energy generation company.

22 I joined Delmarva Power in 1987 in the company’s regulated gas business,  
23 where I held various management positions before being named vice president of



1 trading for Delmarva Power in 1996. In that position, I helped to grow the trading  
2 operations from inception to more than \$2 billion in revenues and integrated the  
3 merchant operations of Atlantic City Electric and Delmarva Power during the  
4 merger of the two companies. I was named senior vice president of Conectiv  
5 Energy in 2000, prior to the merger with Pepco, and eventually I served as  
6 president of Pepco Holdings' \$3 billion competitive generation and retail  
7 marketing businesses.

8 I earned a bachelor's degree in petroleum and natural gas engineering  
9 from Penn State University and a master's degree in business administration from  
10 Bentley College in Waltham, Mass. I also am a graduate of the Executive  
11 Development Program at the University of Pennsylvania's Wharton School and  
12 the Nuclear Technology Program of the Massachusetts Institute of Technology.

13 I currently serve on the boards of the National Nuclear Accreditation  
14 organization and the United Way of the Greater Lehigh Valley. I also am a  
15 member of the Electric Power Research Institute's Research Advisory Council. I  
16 have previously served on the boards of Junior Achievement, The Nature  
17 Conservancy, and the Delaware Museum of Natural History, where I remain an  
18 Advisor to their Board.

19 **Q. What is the purpose of your testimony in this proceeding?**

20 **A.** The purpose of my testimony is to provide evidence that PPL is an experienced  
21 and highly capable operator of utility assets. I will provide evidence that PPL has  
22 the technical and managerial abilities necessary to ensure that utility systems are  
23 operated and maintained in a way that will provide customers with high quality

1 service at a reasonable cost. Further, I will describe PPL's long and successful  
2 track records of supporting the communities in which we operate.

3 **Q. Please give a description of PPL's power generation, transmission and**  
4 **delivery businesses.**

5 **A.** PPL has four major business segments: power generation, energy marketing,  
6 international electric operations, and Pennsylvania electric operations. PPL  
7 conducts its power generation business primarily through PPL Generation, which  
8 owns and operates PPL's power plants located primarily in Pennsylvania,  
9 Montana, Illinois, Connecticut, and Maine. PPL EnergyPlus, LLC markets the  
10 power from PPL Generation and provides marketing services to wholesale and  
11 retail customers in key U.S. markets. PPL Global, LLC owns and operates our  
12 electricity distribution operations in the United Kingdom, serving over 2.6 million  
13 customers in England and Wales. PPL Electric Utilities Corporation ("PPL  
14 Electric") delivers power to more than 1.4 million customers in Pennsylvania.

15 **Q. Please describe your generation operations.**

16 **A.** PPL Generation owned or controlled a generating capacity totaling 11,719  
17 megawatts as of December 31, 2009, which makes PPL Generation one of the  
18 larger power generation companies in the United States. PPL Generation's power  
19 stations use multiple fuel sources including coal, oil, natural gas, uranium and  
20 water. PPL Generation also operates renewable energy facilities that use  
21 hydroelectric, solar, and biogas fuels. PPL Generation has plans to increase its  
22 generation capacity by an additional 239 megawatts in Pennsylvania and Montana  
23 by 2014. In 2009, PPL Generation's plants generated 54.6 billion kilowatt hours

1 of energy. PPL has invested nearly \$5 billion over the past decade to expand or  
2 improve its generation fleet. PPL Generation's stations have availability factors  
3 of nearly 90% overall, which makes them some of the most reliable plants in the  
4 nation.

5 PPL has received recognition for its commitment to operating its facilities  
6 efficiently and in an environmentally responsible manner. In 2008, PPL  
7 Generation received an award from the Environmental Protection Agency  
8 ("EPA") for exceeding EPA-sponsored voluntary utilization recommendations by  
9 beneficially using 100% of the coal ash produced at its Pennsylvania-based  
10 Brunner Island and Montour power plants to supply various manufacturing and  
11 construction projects. PPL Generation has invested heavily in environmental  
12 controls at all of its generating facilities. PPL Generation's Colstrip plant, located  
13 in Montana, is the second largest coal-fired plant west of the Mississippi, and uses  
14 state-of-the-art scrubbers that restrict sulfur dioxide emissions to levels less than  
15 those required by both Phase One and Phase Two of the Clean Air Act. Likewise,  
16 PPL Generation recently completed investing \$1.4 billion in its coal-operated  
17 Brunner Island and Montour, Pennsylvania plants to install flue gas  
18 desulfurization scrubbers, which has resulted in significant decreases in sulfur  
19 dioxide emissions. Another recent \$100 million investment at the Brunner Island  
20 plant installed forced-draft cooling towers to reduce the temperature of water  
21 discharges into the Susquehanna River. Further, PPL Generation is developing  
22 and operating a growing portfolio of renewable energy projects that rely on biogas  
23 and solar technologies. These renewable sources of energy have a current

1 capacity of 40 megawatts. PPL Generation is also in the process of developing its  
2 first wind generation project. In summary, PPL is highly capable of operating a  
3 diverse fleet of multi-fuel power stations safely and reliably across expansive  
4 geography.

5 **Q. Please describe PPL's commitment to customer service.**

6 **A.** Dedication to customer service is among PPL's highest priorities. PPL's track  
7 record of customer satisfaction is evidenced by PPL Electric earning eight top  
8 J.D. Power & Associates awards for satisfied business customers. Likewise, PPL  
9 Electric has received the top J.D Power award for satisfied residential customers  
10 in the eastern region of the U.S. eight times since 1999. With respect to its  
11 operations in the United Kingdom, covering approximately 2.6 million end-users  
12 over 10,000 square miles, PPL is the only company in the UK to have held the  
13 Charter Mark award for outstanding customer service.

14 **Q. Please describe PPL's commitment to the local communities in which it**  
15 **operates.**

16 **A.** PPL's businesses are strongly committed to their local communities. For  
17 example, PPL Montana has pledged \$23 million over 10 years for recreational,  
18 water quality, and fishing and wildlife projects along Montana's rivers. PPL is  
19 committed to educational and environmental excellence, having donated several  
20 hundred thousand dollars in Montana to numerous schools and educational  
21 programs. PPL also operates six community recreational and environmental  
22 preserves in Pennsylvania. We are also part of an innovative agreement with the  
23 Penobscot River Restoration Trust and the Penobscot Indian Nation in Maine,

1 which is working to restore migratory sea-run fish passages to New England's  
2 second-longest river system. Recently, Junior Achievement of Central  
3 Pennsylvania named PPL its Business of the Year, citing PPL's support for  
4 programs that inspire young people to learn about business, free markets, and  
5 entrepreneurship. From these examples you can see that PPL is a key supporter  
6 of each of its communities, from Montana to Maine.

7 **Q. Describe PPL's technical experience in transmitting and distributing electric**  
8 **power, and in operating and maintaining natural gas systems.**

9 **A.** PPL's management team members are experts in their fields with decades of  
10 industry experience in generation, transmission and distribution of power systems.  
11 As I discussed above, PPL distributes electricity to approximately 1.4 million  
12 customers in Pennsylvania and to approximately 2.6 million customers in the  
13 United Kingdom. Moreover, until October 2008, PPL owned and operated PPL  
14 Gas Utilities Corporation, a Pennsylvania company with both natural gas  
15 distribution and storage facilities, providing PPL with institutional knowledge  
16 regarding operating and maintaining natural gas distribution and storage systems.

17 **Q. Will PPL have the technical ability to provide reasonable service after the**  
18 **proposed acquisition?**

19 **A.** Yes. The post-acquisition utility enterprise will have the technical ability to  
20 provide reliable and cost-effective service to its customers both because of its  
21 extensive technical experience, and because PPL recognizes the technical skills of  
22 the current LG&E and KU management teams. PPL plans to retain the current  
23 management structures of these two successful Kentucky utilities companies after

1 the proposed acquisition and expects virtually no change in the current levels of  
2 service and reliability as a result of the proposed acquisition.

3 **Q. Describe PPL's experience in effectively and efficiently serving retail electric  
4 and gas customers.**

5 A. PPL Electric has been serving retail electric customers in Pennsylvania since  
6 1920. PPL's success depends on providing valuable services to its customers at  
7 affordable prices, and PPL has a tremendous track record of awards for customer  
8 service in Pennsylvania and the United Kingdom. PPL's commitment to  
9 customer service is one of PPL's core values, along with safety and integrity.

10 **Q. Does PPL have experience with assisting its low-income customers or others  
11 in need?**

12 A. Yes. PPL has been an industry leader in helping customers in need. PPL Electric  
13 was one of the first utilities in Pennsylvania to offer programs to help low-income  
14 residential customers pay their energy bills. Many of PPL Electric's programs for  
15 assisting low-income customers are in addition to those required by the  
16 Pennsylvania Public Utility Commission's regulations.

17 **Q. Please describe how PPL demonstrates its commitment to strong customer  
18 service and reliability.**

19 A. PPL Electric works hard to provide quality and value in its service to  
20 Pennsylvania customers. On average, PPL Electric's customers have power  
21 99.9% of the time. PPL Electric's rates are among the lowest in the Mid-Atlantic  
22 region.

1 PPL Electric is continuing to improve its current systems. Over the next  
2 five years, PPL Electric will spend more than \$1.4 billion to maintain, expand and  
3 improve its delivery system. PPL Electric's efforts include installing more  
4 switches and protective devices on power lines so that it can divide the delivery  
5 system into smaller sections, enabling it to isolate problems quickly and to limit  
6 the number of customers affected by outages. PPL Electric also continues to  
7 invest in new software and technology to enable it to respond to service  
8 interruptions faster.

9 **Q. How is PPL willing to demonstrate that it is committed to ensuring that the**  
10 **proposed acquisition will benefit Kentucky ratepayers?**

11 **A.** PPL has agreed to make significant Regulatory Commitments to ensure that  
12 Kentucky ratepayers benefit as a result of the proposed acquisition. The  
13 following commitments are among those that I believe will benefit Kentucky  
14 customers. PPL commits to:

15 A. Ensure that customers will experience no adverse change in utility service  
16 due to changes, if any, related to E.ON US Services, Inc. [Regulatory  
17 Commitment No. 25.]

18 B. Fund adequately and maintain LG&E's and KU's transmission and  
19 distribution systems. [Regulatory Commitment No. 26.]

20 C. Minimize, to the extent possible, any negative impacts on levels of  
21 customer service and customer satisfaction resulting from workforce  
22 reductions. [Regulatory Commitment No. 28.]

23 D. Provide periodic reliability and service quality measurements to enable the  
24 Commission to monitor our commitment that reliability and service  
25 quality will not suffer as a result of the proposed acquisition. [Regulatory  
26 Commitment No. 29.]

27 E. Maintain superior quality utility service. [Regulatory Commitment No.  
28 31.]

- 1 F. Maintain operations through regional offices with local service personnel  
2 and field crews. [Regulatory Commitment No. 32.]
- 3 G. Not close local customer service offices as a result of the proposed  
4 transaction. [Regulatory Commitment 33.]
- 5 H. Dedicate existing and future Kentucky generating facilities to the  
6 requirements of LG&E's and KU's existing and future native load  
7 customers. [Regulatory Commitment No. 35.]
- 8 I. Ensure that the proposed acquisition will have no effect or impact on KU's  
9 contractual relationships with either its municipal customers or Berea  
10 College. [Regulatory Commitment No. 37.]
- 11 J. Review with LG&E and KU management their current policies and  
12 practices with respect to low-income customers to determine whether  
13 policies and practices more sympathetic to the needs of such customers  
14 would be appropriate. In addition, the current policies for low-income  
15 customers will not change as a result of the proposed acquisition.  
16 [Regulatory Commitment No. 43.]
- 17 K. Ensure that KU maintains a contact person in Lexington to respond to  
18 special needs in the Lexington area. [Regulatory Commitment No. 45.]
- 19 L. Ensure that, should any PPL subsidiary or business unit consider a  
20 potential renewable energy project in Kentucky, the subsidiary or business  
21 unit will inform KU and LG&E of the potential project and will allow KU  
22 and LG&E to make a reasonable business judgment on whether to pursue  
23 the project as a generation resource for their customers. [Regulatory  
24 Commitment No. 49.]

25 **Q. Please describe PPL's approach to safety.**

26 **A.** At PPL, employee health and safety is a core value. PPL maintains a culture that  
27 promotes continuous safety improvement, and it believes that achieving that goal  
28 requires a companywide commitment by all employees. One way that we  
29 demonstrate this commitment is through our participation in the federal  
30 Occupational Safety and Health Administration's Voluntary Protection Program  
31 ("VPP"). VPP encourages cooperation among government, industry and labor to  
32 protect worker health and safety. It establishes performance criteria for health



1 and safety management programs, assesses companies that apply for VPP status  
2 and recognizes companies that meet its high standards with OSHA's "Star"  
3 designation. All of PPL's major facilities have received OSHA's Star  
4 recognition.

5 Companies that qualify for VPP status view OSHA standards as a  
6 minimum level of safety and health performance and set their own, more stringent  
7 standards for effective employee protection. VPP participant sites generally  
8 experience 60 percent fewer lost-workday injuries than is expected of an average  
9 site of similar size in the same industry.

10 At PPL, both management and labor support the VPP program and the  
11 process needed to achieve and maintain VPP Star status. As a result of its  
12 leadership in workplace safety initiatives, 2009 was one of the safest years in  
13 PPL's history. In addition, PPL is committed to ensuring the safety of our  
14 customers by using best practices when working in the field. Many of the same  
15 practices that protect our employees from injury also help to protect the public.  
16 PPL has an excellent track record of providing safety information to the public  
17 and local officials to ensure that customers are protected from energized  
18 equipment.

19 **Q. Please summarize your testimony.**

20 **A.** PPL has the technical ability, based on its long history in the generation,  
21 transmission, and distribution business, and world-class experience in operating  
22 and maintaining electric and natural gas systems, to ensure that LG&E and KU  
23 can continue to provide high quality service to their customers following the

1 proposed acquisition. Additionally, it is extremely important to PPL that its  
2 customers are served well and that they are satisfied. PPL is committed to  
3 maintaining its excellent track record, and the excellent track records of KU and  
4 LG&E, as responsible corporate citizens who enjoy positive, productive, and  
5 mutually beneficial relationships with their customers, employees, governing  
6 bodies, and communities.

7 **Q. What action are you requesting that the Commission take in this proceeding?**

8 **A.** I respectfully request that the Commission approve the proposed acquisition and  
9 transfer of ownership and control.

10 **Q. Does this conclude your testimony?**

11 **A.** Yes. I thank the Commission for its thoughtful consideration of this proposed  
12 acquisition.


VERIFICATION

COMMONWEALTH OF PENNSYLVANIA )  
  )    SS:  
COUNTY OF LEHIGH    )

WILLIAM H. SPENCE, being duly sworn, deposes and says that he has read the foregoing testimony and exhibits and knows the matters contained therein, and that said matters are true and correct to the best of his knowledge and belief.

  
\_\_\_\_\_  
WILLIAM H. SPENCE

Subscribed and sworn to before me, a Notary Public in and before said County and State,  
on May 24, 2010.

  
\_\_\_\_\_  
Notary Public

My Commission Expires:

COMMONWEALTH OF PENNSYLVANIA

NOTARIAL SEAL  
MILDRED A. CASTILLO, NOTARY PUBLIC  
CITY OF ALLENTOWN, LEHIGH COUNTY  
MY COMMISSION EXPIRES JULY 26, 2011

## **APPENDIX A**

### **William H. Spence**

Executive Vice President, Chief Operating Officer, PPL Corporation  
President, PPL Generation, LLC  
Two North Ninth Street  
Allentown, Pennsylvania 18101

### **Business and Professional Associations, Civic Involvement**

#### **Current Affiliations**

Board Member, National Nuclear Accreditation Organization  
Board Member, United Way of Greater Lehigh Valley  
Member, Research Advisory Council, Electric Power Research Institute  
Advisor to the Board, Delaware Museum of Natural History

#### **Former Affiliations**

Board Member, Junior Achievement  
Board Member, The Nature Conservancy  
Board Member, Delaware Museum of Natural History

### **Education**

B.S., Petroleum and Natural Gas Engineering, Penn State University  
M.B.A., Bentley College  
Executive Development Program, University of Pennsylvania Wharton School  
Nuclear Technology Program, Massachusetts Institute of Technology

### **Employment History**

Executive Vice President - Chief Operating Officer, PPL Corporation;  
President, PPL Generation, LLC

### **Additional Employment History**

Senior Vice President, Conectiv Energy  
President, Delmarva Power & Light Co. and Conectiv Energy (Pepco Holdings)  
Vice President of Trading, Delmarva Power & Light Co.  
Delmarva Power & Light Co.



**COMMONWEALTH OF KENTUCKY**  
**BEFORE THE PUBLIC SERVICE COMMISSION**

**In the Matter of:**

<b>JOINT APPLICATION OF PPL</b>	)	
<b>CORPORATION, E.ON AG,</b>	)	
<b>E.ON US INVESTMENTS CORP.,</b>	)	
<b>E.ON U.S. LLC, LOUISVILLE GAS AND</b>	)	<b>CASE NO. 2010-00204</b>
<b>ELECTRIC COMPANY AND</b>	)	
<b>KENTUCKY UTILITIES COMPANY FOR</b>	)	
<b>APPROVAL OF AN ACQUISITION</b>	)	
<b>OF OWNERSHIP AND CONTROL</b>	)	
<b>OF UTILITIES</b>	)	

**TESTIMONY OF KARL-HEINZ FELDMANN**  
**GENERAL COUNSEL AND**  
**EXECUTIVE VICE PRESIDENT, E.ON AG**

**Dated: May 28, 2010**

1 **INTRODUCTION**

2 **Q. Please state your name, position and business address.**

3 A. My name is Karl-Heinz Feldmann. I am the General Counsel and Executive Vice  
4 President of E.ON AG. My business address is E.ON-Platz 1, 40479 Düsseldorf,  
5 Germany. My work experience and educational background is attached as Appendix  
6 A to my testimony.

7 **Q. What is the purpose of your testimony?**

8 A. The purpose of my testimony is to describe an overview of the proposed acquisition  
9 by PPL Corporation ("PPL") of E.ON U.S. LLC ("E.ON U.S.") from E.ON AG. My  
10 testimony will also discuss E.ON AG's purpose and strategic decision in selling  
11 E.ON U.S. to PPL.

12 **THE PROPOSED ACQUISITION**

13 **Q. Would you please describe E.ON AG?**

14 A. E.ON AG is an Aktiengesellschaft, formed under the laws of the Federal Republic of  
15 Germany. An Aktiengesellschaft under German law corresponds to a U.S. stock  
16 corporation. E.ON AG's shares are traded on all German stock exchanges, the  
17 electronic stock exchange, and its American Depositary Receipts are traded on the  
18 OTC market. Through its wholly-owned subsidiary, E.ON Energie, E.ON AG  
19 supplies roughly one-third of Germany's electricity. Through other subsidiaries or  
20 arrangements, E.ON AG provides power and natural gas services in different  
21 locations throughout Europe and Russia, and operates renewable-source generating  
22 assets in North America.

1 Q. How did E.ON AG acquire ownership of and control over Louisville Gas and Electric  
2 Company and Kentucky Utilities Company?

3 A. Powergen plc (“Powergen”) bought LG&E Energy Corp. in 2000; and in 2001,  
4 Powergen agreed to be acquired by E.ON AG. The transaction was completed in  
5 2002 following the regulatory approval by this Commission and other regulators in  
6 the United States and Europe. With the consummation of the transaction, ownership  
7 of and control over Louisville Gas and Electric Company (“LG&E”) and Kentucky  
8 Utilities Company (“KU”) was transferred to E.ON AG through the ownership of  
9 LG&E Energy Corp. On December 30, 2003, LG&E Energy Corp. was merged into  
10 LG&E Energy, LLC as part of an internal corporate reorganization. In 2004, E.ON  
11 AG adopted a new market unit structure and LG&E Energy, LLC became a separate  
12 market unit. LG&E Energy, LLC changed its name to E.ON U.S. LLC on December  
13 1, 2005.

14 **Q. Would you please provide an overview of the proposed acquisition?**

15 A. On April 28, 2010, E.ON AG and PPL announced a definitive agreement under which  
16 PPL will acquire E.ON U.S., the parent company of Kentucky’s two major utilities,  
17 LG&E and KU. Under the terms of the agreement, PPL has agreed to a purchase  
18 price of \$7.625 billion for E.ON U.S. to be paid through a combination of cash for  
19 equity and repayment of certain debt, and assumption of tax-exempt debt.



1 **Q. Would you please discuss how the business relationship between E.ON AG,**  
2 **E.ON U.S., LG&E and KU has been successful since the 2001 merger of E.ON**  
3 **AG and Powergen plc?**

4 A. The business relationship has been very successful. As a result of the 2001  
5 acquisition, LG&E and KU became part of a much larger enterprise well-positioned  
6 to serve both LG&E's and KU's customers in an ever-changing energy environment,  
7 while maintaining the historic connections between both LG&E and KU and the  
8 communities they serve. From 2002 through 2009, E.ON AG supported the largest  
9 construction program in the history of LG&E and KU, including the construction of  
10 the generation unit known as Trimble County Unit 2. LG&E and KU invested  
11 approximately \$4.4 billion in facilities to serve their customers during this seven and  
12 a half year period of ownership. It is therefore very fair to say that E.ON AG has  
13 been a strong partner in Kentucky.

14 **Q. If the business relationship was successful, why has E.ON AG decided to sell**  
15 **E.ON U.S.?**

16 A. With this transaction, E.ON AG is divesting a strong and solid business. However,  
17 E.ON U.S. no longer provided us with much room for further strategic development.  
18 E.ON AG previously announced a goal of achieving a disposition of approximately  
19 €10 billion of its existing assets. With PPL as the new owner, our employees in  
20 Kentucky and the Commonwealth itself gain a new and strong domestic partner for  
21 the future. E.ON AG, on the other hand, gains more clarity in its portfolio and room  
22 for organic growth in other markets.

1 **Q. What steps is E.ON AG taking in recognition of the community relationships it**  
2 **has built as the parent company in Kentucky?**

3 A. In recognition of E.ON AG's community relationships in Kentucky, and as a  
4 reflection of our desire to leave an E.ON legacy for the people of Kentucky, E.ON  
5 AG has committed to donating \$2 million to the University of Kentucky for clean  
6 coal research; \$2 million to the University of Louisville for engineering and energy-  
7 efficiency programs; and \$2 million to the LG&E Foundation for continued support  
8 of charitable and community efforts. Our voluntary donations are neither part of nor  
9 influenced by the proposed acquisition, but are rather a reflection of our favorable  
10 experience with doing business in the Commonwealth of Kentucky.

11 **COMPANY APPROVALS**

12 **Q. Has the E.ON AG Board of Directors approved the proposed acquisition?**

13 A. Yes. On April 27, 2010, the Supervisory Board of E.ON AG accepted the  
14 recommendation of the E.ON AG Board of Management to proceed with the  
15 proposed transaction.

16 **Q. Does the proposed acquisition require the approval by the European**  
17 **Commission or any other European agencies?**

18 A. No. The regulatory approvals are limited to the regulators in the United States.  
19 These are discussed in the testimony of Mr. Victor Staffieri.

20 **CONCLUSION**

21 **Q. Please provide a summary of your testimony.**

22 A. E.ON AG has enjoyed a strong business relationship with E.ON U.S., LG&E, KU  
23 and the Commonwealth of Kentucky for almost eight years. This relationship has  
24 allowed LG&E and KU to continue to provide reasonable service to their customers

1 while undertaking the largest construction program in their history to better serve  
2 their customers.

3 E.ON AG has made a strategic decision to realign its operations, simplify its  
4 corporate structure, and sell certain holdings to reduce its debt. Its decision to sell  
5 E.ON U.S. is part of that strategic vision.

6 **Q. What action are you requesting that the Commission take?**

7 A. E.ON AG requests that the Commission approve the proposed acquisition by PPL of  
8 E.ON U.S. and the resulting change of ownership and control of LG&E and KU.

9 **Q. Does this conclude your testimony?**

10 A. Yes.

Auf dem Breddenkamp 41  
47199 Duisburg

**Karl-Heinz Feldmann**

**Nationality:** Born 25 August 1959 in Dülmen, Germany  
German

**Professional Career:** Since 2/2003 E.ON AG  
- Since 1/2004 General Counsel  
- Since 2008 also Chief Compliance Officer

1999 – 1/2003 Stinnes AG  
- As of 2001 General Counsel  
- since 2002 Head of Strategy

1/1996 – 1/1999 Hüls AG  
- General Counsel

5/1994 – 4/1996 Hüls Corp., MO/Hüls America Inc., NJ USA  
- Corporate Counsel Hüls America  
- President Hüls Corp.  
- Board of Directors MEMC Inc.

9/1988 – 4/1994 Hüls AG  
- Corporate Counsel

**Education:** 1985 – 1988  
- 2<sup>nd</sup> Legal State Examen

1978 – 1985  
Law School  
1<sup>st</sup> State Examen

1997 – 1978 Military



**COMMONWEALTH OF KENTUCKY**  
**BEFORE THE PUBLIC SERVICE COMMISSION**

**In the Matter of:**

<b>JOINT APPLICATION OF PPL</b>	)	
<b>CORPORATION, E.ON AG,</b>	)	
<b>E.ON US INVESTMENTS CORP.,</b>	)	
<b>E.ON U.S. LLC, LOUISVILLE GAS AND</b>	)	<b>CASE NO. 2010-00204</b>
<b>ELECTRIC COMPANY AND</b>	)	
<b>KENTUCKY UTILITIES COMPANY FOR</b>	)	
<b>APPROVAL OF AN ACQUISITION</b>	)	
<b>OF OWNERSHIP AND CONTROL</b>	)	
<b>OF UTILITIES</b>	)	

**TESTIMONY OF**  
**VICTOR A. STAFFIERI**  
**CHAIRMAN, PRESIDENT AND CHIEF EXECUTIVE OFFICER,**  
**E.ON U.S. LLC,**  
**LOUISVILLE GAS AND ELECTRIC COMPANY**  
**AND KENTUCKY UTILITIES COMPANY**

**Dated: May 28, 2010**

**INTRODUCTION**

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**Q. Please state your name, position and business address.**

A. My name is Victor A. Staffieri. I am the Chairman, President, and Chief Executive Officer of E.ON U.S. LLC (“E.ON U.S.”), Louisville Gas and Electric Company (“LG&E”) and Kentucky Utilities Company (“KU”) (collectively, the “Companies”), and an employee of E.ON U.S. Services Inc. My business address is 220 West Main Street, Louisville, Kentucky 40202. A statement of my qualifications is attached as Appendix A.

**Q. Have you previously testified before the Kentucky Public Service Commission?**

A. Yes. I testified before this Commission in the Companies’ last two base rate cases and present testimony in the two pending base rate cases. I have also testified in various other cases, including three prior proceedings regarding changes in the ownership of LG&E and KU.<sup>1</sup>

**Q. Please describe your work experience and educational background.**

A. Thirty years ago, I began my career in 1980 as an attorney at Long Island Lighting Company. I held several management positions there, eventually becoming General Counsel and Secretary. Nearly twenty years ago, I joined LG&E Energy Corp. in 1992 as a Senior Vice President, General Counsel, and Corporate Secretary. Subsequently, I served as Senior Vice President – Public Policy and General Counsel, LG&E Energy Corp.; President, LG&E; President, Distribution Services Division of

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<sup>1</sup> See e.g., Case No. 2001-104, *In the Matter of: Joint Application of E.ON AG, Powergen plc, LG&E Energy Corp., Louisville Gas and Electric Company and Kentucky Utilities Company For Approval of an Acquisition*; Case No. 2000-095, *In the Matter of: Joint Application of Powergen plc, LG&E Energy Corp., Louisville Gas and Electric Company and Kentucky Utilities Company For Approval of a Merger*; Case No. 97-300, *In the Matter of: Joint Application of Louisville Gas and Electric Company and Kentucky Utilities Company for Approval of Merger*.

1 LG&E Energy; Chief Financial Officer of LG&E Energy; and President and Chief  
2 Operating Officer of LG&E Energy.

3 **Q. What is the purpose of your testimony?**

4 A. The purpose of my testimony is to demonstrate that PPL Corporation's ("PPL")  
5 proposed acquisition of E.ON U.S. and resulting change in control over and  
6 ownership of LG&E and KU will be consummated in accordance with the applicable  
7 legal requirements, to describe how E.ON U.S., LG&E and KU will conduct business  
8 after the proposed acquisition, and to discuss E.ON U.S.'s position within PPL after  
9 the proposed acquisition.

10 **IN ACCORDANCE WITH THE LAW**

11 **Q. Please describe how the proposed acquisition can be made in accordance with  
12 the laws of the United States.**

13 A. In order to achieve the scheduled closing date of mid-December 2010, E.ON AG,  
14 PPL, E.ON U.S., LG&E and KU (collectively, the "Joint Applicants") will need to  
15 obtain the following state and federal approvals, as appropriate, for the proposed  
16 acquisition so that it will be consummated in accordance with the law:

- 17 • Approval of this Commission in accordance with the regulatory provisions  
18 governing the proposed transaction.
- 19 • Approval of the Virginia State Corporation Commission based on KU's  
20 operations in Virginia.
- 21 • Such regulatory action as may be required by the Tennessee Regulatory  
22 Authority.
- 23 • Approval of the Federal Energy Regulatory Commission.



- 1                     • Approval of the Federal Communications Commission.

2                     A copy of the FERC application, as well as any other applications that may be  
3                     required will be filed with the Commission at or shortly after the time they are filed.

4                     In addition, although not an approval, a premerger notification filing must be  
5                     made under the Hart-Scott-Rodino Antitrust Improvements Act of 1976. The Joint  
6                     Applicants do not believe that the proposed acquisition will implicate any provision  
7                     of the federal antitrust laws.

8                     PPL's proposed acquisition of E.ON U.S. thus will be made in accordance  
9                     with the applicable laws of the United States.

10                     **FOR A PROPER PURPOSE**

11     **Q. Please describe the purpose of the proposed acquisition.**

12     A. E.ON AG has decided to realign its business focus by simplifying its corporate  
13             structure and reducing its debt. The proposed disposition of E.ON U.S. and resulting  
14             acquisition by PPL is part of this strategic realignment.

15     **Q. From a cost perspective, how has E.ON U.S. performed in recent years?**

16     A. Its performance has been outstanding. Based on a benchmarking analysis using  
17             published data from FERC Form 1s, from 2004-2008, and segregating that data into  
18             the cost metrics shown on VAS-Exhibit 1, E.ON U.S. was in the top quartile in all  
19             five utility cost categories: generation, transmission, distribution, retail, and corporate  
20             A&G. In fact, E.ON U.S. was the only utility that scored in the top quartile for cost  
21             performance in all five areas. A summary of this analysis is shown in VAS-Exhibit 1.  
22

1 **Q. Do you have a recommendation for the Commission concerning the proposed**  
2 **transaction?**

3 A. Yes. In light of E.ON AG's realignment, PPL will be an excellent successor to E.ON  
4 AG for several reasons.

5 First, PPL and E.ON U.S. have similar corporate values which provide the  
6 basis for common, and likely enhanced, corporate culture and customer service. Like  
7 LG&E and KU, PPL and its employees are known for providing award-winning  
8 customer service. PPL Electric Utilities Corp., like KU and LG&E, has received  
9 numerous J.D. Power and Associates awards for customer satisfaction. Both  
10 companies are committed to ensuring continued high-quality customer service. PPL,  
11 like LG&E and KU, is committed to economic development and has committed to  
12 supporting LG&E's and KU's existing efforts to bring new jobs to Kentucky.  
13 Further, PPL, like LG&E and KU, has established a sound record of responsible  
14 environmental stewardship and the pursuit of using clean coal technologies for the  
15 generation of electric power. The acquisition should simply further and strengthen  
16 the combined corporate cultures.

17 Second, as discussed more thoroughly in Mr. James Miller's testimony, PPL  
18 has taken the unusual step of presenting as part of its application 54 commitments to  
19 the community, our employees, our customers, and this Commission. These  
20 commitments, created in part through discussions with Governor Beshear and Mayor  
21 Abramson, ensure, among other things, that the headquarters of E.ON U.S. will  
22 remain in Kentucky for 15 years; the management team will remain intact; there is no  
23 planned downsizing as a result of the transaction; our support of economic

1 development will continue; local communities can continue to count on a comparable  
2 level of charitable giving as KU and LG&E provide today; and our commitment to  
3 Best-in-Class service will be maintained.

4 Third, the readiness of PPL to present these commitments as part of its  
5 application demonstrates PPL's business philosophy of taking a broader view of the  
6 businesses it owns and operates. This includes the importance of employees,  
7 communities, community leadership, charitable support, economic development and  
8 relations with government regulators.

9 Finally, PPL's business plan to operate E.ON U.S.'s businesses on a stand  
10 alone basis for the long run allows KU and LG&E to continue to jointly plan and  
11 operate their generation and transmission systems under the ownership of a parent  
12 company that holds a long term view of their value.

### 13 E.ON U.S. –POST ACQUISITION

14 **Q. Please describe the corporate structure that will exist after the proposed**  
15 **acquisition.**

16 A. E.ON U.S.'s and E.ON AG's current corporate structures are contained in Exhibits B  
17 and G to the Joint Application. Following the consummation of the proposed  
18 acquisition, E.ON U.S. will continue as a separate Kentucky limited liability  
19 company with two direct operating utility subsidiaries: LG&E and KU. LG&E will  
20 continue its separate corporate existence under Kentucky law, operating under the  
21 name "Louisville Gas and Electric Company." KU will continue its separate  
22 corporate existence under Kentucky and Virginia law, operating under the name  
23 "Kentucky Utilities Company" in Kentucky and "Old Dominion Power Company" in

1 Virginia. At the time the proposed acquisition closes, E.ON U.S. will become a  
2 direct, wholly-owned first-tier subsidiary of PPL and E.ON U.S. Services Inc. will  
3 continue to function as the centralized service company for E.ON U.S., LG&E and  
4 KU, but using a new name for the holding company in lieu of “E.ON U.S.” in its  
5 name.

6 **Q. Will E.ON U.S. continue to hold and acquire non-regulated businesses for PPL?**

7 A. Over the years, the unregulated businesses or contracts previously held by E.ON U.S.  
8 have been sold or discontinued. While E.ON U.S. or its unregulated subsidiaries  
9 continue to be contractual counter-parties to discontinued operations such as the  
10 release and termination of the lease with Big Rivers Electric Corporation (i.e., the  
11 “Unwind”), going forward, E.ON U.S. will be used primarily as the holding company  
12 for KU and LG&E and occasional non-regulated activities within Kentucky. Any  
13 non-utility businesses or foreign utilities of PPL will not be held by LG&E or KU or a  
14 subsidiary of LG&E or KU after the closing of the transaction.

15 **Q. What will be the composition of the E.ON U.S., LG&E and KU Boards following**  
16 **the proposed acquisition?**

17 A. The membership of the Boards of E.ON U.S., LG&E and KU following the proposed  
18 acquisition are expected to be similar as currently constituted. Chris Herman, Senior  
19 Vice President, Energy Delivery, John McCall, Executive Vice President, General  
20 Counsel and Corporate Secretary, Brad Rives, Chief Financial Officer, Paul  
21 Thompson, Senior Vice President, Energy Services, and myself presently constitute  
22 the members of each respective board of directors for E.ON U.S., LG&E and KU.

23

1 **Q. Will the interests of Kentucky be represented on the PPL Board of Directors?**

2 A. Yes. PPL has committed that for as long as it owns, controls, or manages LG&E or  
3 KU, PPL will endeavor to have an individual resident of Kentucky on PPL's Board of  
4 Directors. Following the consummation of the transaction, PPL is committed to  
5 undertaking a search for such a director. In this way, the interests of Kentucky will  
6 be represented on the PPL Board of Directors. This commitment again demonstrates  
7 the ability of PPL to take a broader view which includes, in this example, the greater  
8 interests of Kentucky.

9 **Q. Will there be any changes in the senior utility management positions of E.ON**  
10 **U.S., LG&E or KU as a result of the proposed acquisition?**

11 A. No. I will remain the Chairman, President, and Chief Executive Officer of E.ON  
12 U.S., LG&E and KU. The other respective corporate officers of E.ON U.S., LG&E  
13 and KU will be entitled to maintain their current titles and responsibilities. Therefore,  
14 the E.ON U.S. team will continue to focus on the operations of LG&E and KU in  
15 Kentucky without a change in its Kentucky-based leadership. In addition, PPL has  
16 committed to developing, with the assistance of an external consultant, a retention  
17 and incentive program for the E.ON U.S., LG&E and KU managers, to be  
18 implemented following the consummation of the acquisition. The plan will be  
19 developed with the goal of being finalized within 120 days of the date of the  
20 Commission's order approving the acquisition. In doing so, PPL is demonstrating the  
21 value it sees with the current management team through its commitment to retaining  
22 the current managers to the extent reasonably possible after the acquisition.

1 **Q. Will the proposed acquisition have any adverse effect on the technical abilities of**  
2 **LG&E and KU to provide service?**

3 A. No. One of the primary reasons that PPL was such an attractive buyer for E.ON U.S.  
4 is their commitment to maintaining E.ON U.S.'s, LG&E's and KU's current high  
5 quality technical staff. PPL recognizes the high quality of technical and managerial  
6 talent in our companies and intends to preserve the staffs of E.ON U.S., LG&E and  
7 KU following the proposed acquisition for this reason. PPL has committed that no  
8 planned workforce reductions in the E.ON U.S.'s, LG&E's or KU's employees will  
9 be made as a result of the acquisition. Indeed, the managers of E.ON U.S., LG&E  
10 and KU will be provided an opportunity to broaden their experience by exchanging  
11 positions with other managers in PPL's organization.

12 **Q. Will the proposed acquisition have any adverse effect on LG&E's or KU's**  
13 **quality of utility service?**

14 A. No. LG&E and KU have always been committed to high quality, reliable utility  
15 service and will continue to maintain such service going forward. This commitment  
16 will only be strengthened by PPL's commitment to the same. In the J.D. Power study  
17 of business customer satisfaction among Eastern U.S. utilities, PPL was ranked first  
18 eight times in the past eleven years. They have received a total of sixteen awards. In  
19 the J.D. Power study of residential customer satisfaction among Eastern U.S. utilities,  
20 PPL earned the top honor eight times.

21 In the J.D. Power study of residential customer satisfaction among  
22 Midwestern U.S. utilities, LG&E and KU have been ranked first seven times in the  
23 past ten years. KU received the highest ranking in J.D. Power's 2010 electric utility

1 business customer satisfaction study. Our EEI 2009 recordable injury rate was less  
2 than half the top quartile performance level. PPL's corporate culture values these  
3 kinds of achievements and recognitions. The proposed acquisition will not affect  
4 LG&E's or KU's continuing commitments to high quality, safe and reliable service.

5 **Q. What effect do you anticipate the proposed acquisition will have on customers**  
6 **and employees of LG&E and KU?**

7 A. The proposed acquisition is not dependent on cost savings or synergies like those  
8 created when LG&E Energy merged with KU Energy in May 1998. This will be a  
9 transparent transaction for customers and employees because local management,  
10 operations, and systems will remain intact. The consummation of the proposed  
11 acquisition will have no impact on customer service and reliability and there are no  
12 plans for a workforce reduction as a result of the proposed acquisition. As discussed  
13 in Mr. Miller's testimony, PPL remains dedicated to the written commitments and  
14 assurances from the previous acquisitions. This dedication includes the commitment  
15 that when implementing best practices, PPL, E.ON U.S., LG&E and KU commit to  
16 taking into full consideration the related impacts on the levels of customer service and  
17 customer satisfaction, including any negative impacts resulting from workforce  
18 reductions.

19 **Q. What effect will the proposed acquisition have on E.ON U.S.'s, LG&E's and**  
20 **KU's commitment and support of the communities they serve?**

21 A. No effect. E.ON U.S.'s, LG&E's and KU's headquarters, management, and  
22 employee base will not change as a result of the proposed acquisition. PPL has  
23 committed that E.ON U.S., LG&E and KU will continue a substantial level of

1 involvement in community activities through annual charitable and other  
2 contributions on a level comparable to or greater than the participation levels  
3 experienced under Powergen plc and E.ON AG.

4 **CONCLUSION**

5 **Q. Please summarize your testimony.**

6 A. The proposed acquisition will be consummated in accordance with the laws of the  
7 United States because the parties will make and receive all necessary federal and state  
8 regulatory filings, notices, and approvals. The proposed acquisition is for a proper  
9 purpose because E.ON AG has decided to sell E.ON U.S. to pursue its strategic  
10 vision. PPL is an excellent successor because it has readily adopted the commitments  
11 protecting Kentucky's interest previously agreed to by E.ON AG and is committed to  
12 continuing the successful operations of KU and LG&E.

13 **Q. What action are you requesting that the Commission take?**

14 A. I respectfully request that the Commission approve the proposed acquisition of E.ON  
15 U.S. by PPL and the resulting change of control and ownership of LG&E and KU.

16 **Q. Does this conclude your testimony?**

17 A. Yes.





## APPENDIX A

### **Victor A. Staffieri**

Chairman, Chief Executive Officer and President  
E.ON U.S. LLC

Mr. Staffieri is Chairman, CEO and President of Louisville Gas and Electric Company, Kentucky Utilities Company and E.ON U.S. LLC. Mr. Staffieri is also a member of E.ON AG's Executive Committee.

### **Civic Activities**

#### Boards

Metro United Way – Chairman Metro Campaign 2002  
Leadership Louisville – Board of Directors – June 2006 – 2008  
Louisville Area Chamber of Commerce – Board of Directors -- 1994-1997; 2000-2003;  
Chairman 1997  
MidAmerica Bancorp – Board of Directors – 2000 - 2002  
Muhammad Ali Center – Board of Directors – 2003 - 2006  
Kentucky Country Day – Board of Directors – 1996 - 2002  
Bellarmine University – Board of Trustees – 1995 - 1998, 2000 - 2006  
Executive Committee – 1997 - 1998  
Finance Committee – 1995 - 1997, 2000 - 2003  
Strategic Planning Committee – 1997

#### Industry Affiliations

Edison Electric Institute, Washington, DC - Board of Directors -- June 2001 - Present  
Electric Power Research Institute, Palo Alto, CA - Board of Directors -- May 2001 –  
April 2002

#### Other

Louisville Area Chamber of Commerce -- African-American Affairs Committee -- 1996-  
1997  
Louisville Area Chamber of Commerce -- Vice Chairman, Finance and Administration  
Steering Committee -- 1995  
Jefferson County/Louisville Area Chamber of Commerce Family Business Partnership  
Co-Chair – 1996-1997  
The National Conference - Dinner Chair -- 1997  
Chairman of the Coordination Council for Economic Development Activities  
-- Regional Economic Development Strategy -- 1997  
Metro United Way - Cabinet Member -- 1995 and 2000 Campaigns  
--Chairman – Kentucky Chamber of Commerce Education Task Force - 2008  
--Member – Governor's Task Force on Higher Education - 2009

## **Education**

Fordham University School of Law, J.D. -- 1980  
Yale University, B.A. -- 1977

## **Previous Positions**

### LG&E Energy LLC, Louisville KY

March 1999 - April 2001 -- President and Chief Operating Officer  
May 1997 - February 1999 -- Chief Financial Officer  
December 1995 - May 1997 -- President, Distribution Services Division  
December 1993 - May 1997 -- President, Louisville Gas and Electric Company  
December 1992 - December 1993 -- Senior Vice President - Public Policy, and General Counsel  
March 1992 - November 1992 -- Senior Vice President, General Counsel and Corporate Secretary

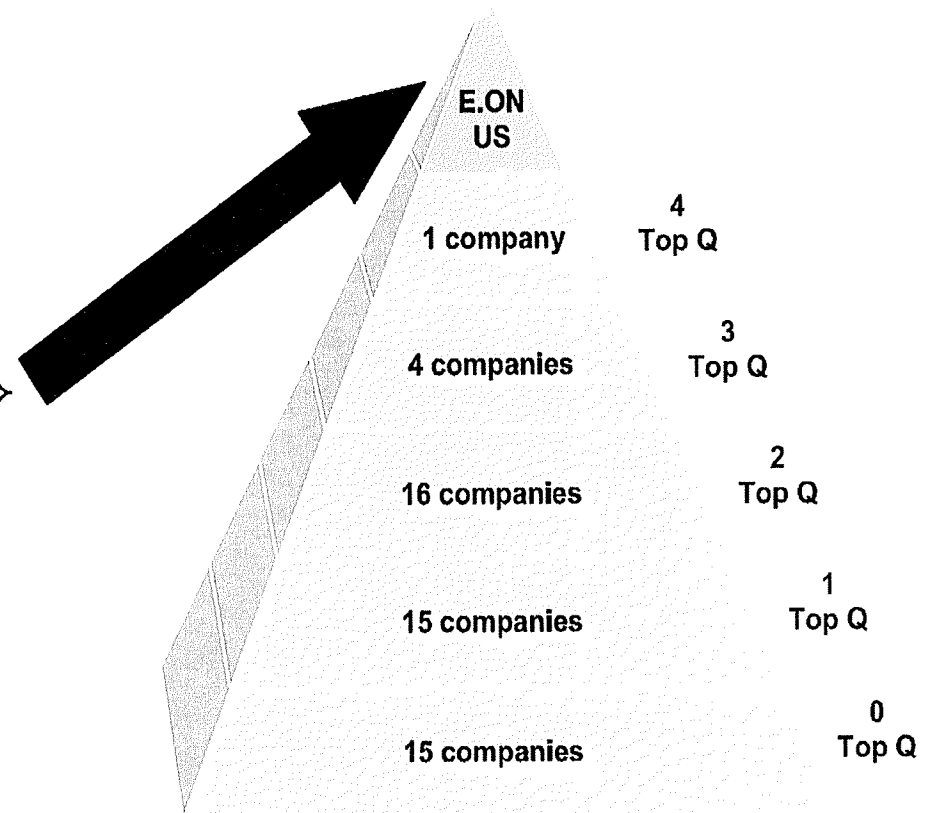
### Long Island Lighting Company, Hicksville, NY

1989-1992 -- General Counsel and Secretary  
1988-1989 -- Deputy General Counsel  
1986-1988 -- Assistant General Counsel  
1985-1986 -- Managing Attorney  
1984-1985 -- Senior Attorney  
1980-1984 -- Attorney

# Top Quartile Cost Performance

Cost area	Metric	Performance	Ranking
Generation	Non-fuel O&M / MWh of production	\$4.78	4 <sup>th</sup> – top decile
Transmission	Cash cost / transmission mile	\$10,702	6 <sup>th</sup> – top decile
Distribution	Cash cost / customer	\$189 <sup>(1)</sup>	16 <sup>th</sup> – top quartile
Retail	O&M cost / customer	\$41.51	11 <sup>th</sup> – second decile
Corporate A&G	A&G cost / MWh of sales	\$3.23 <sup>(2)</sup>	7 <sup>th</sup> – top decile

- (1) E.ON US cost adjusted upward to include CWIP changes over the five-year period.  
 (2) E.ON US cost adjusted upward to include \$80 million of Value Delivery Team amortization costs over the five-year period.



Source: FERC Form 1, E.ON US Corporate Development Analysis.  
 Note: The Triangle = 52 US electric holding company's averages for 2004–2008 (only includes companies competing in all 5 segments).

**Only utility with top quartile cost performance in five major cost areas over the 2004–2008 period**



**COMMONWEALTH OF KENTUCKY**  
**BEFORE THE PUBLIC SERVICE COMMISSION**

**In the Matter of:**

<b>JOINT APPLICATION OF PPL</b>	)	
<b>CORPORATION, E.ON AG,</b>	)	
<b>E.ON US INVESTMENTS CORP.,</b>	)	
<b>E.ON U.S. LLC, LOUISVILLE GAS AND</b>	)	<b>CASE NO. 2010-00204</b>
<b>ELECTRIC COMPANY AND</b>	)	
<b>KENTUCKY UTILITIES COMPANY FOR</b>	)	
<b>APPROVAL OF AN ACQUISITION</b>	)	
<b>OF OWNERSHIP AND CONTROL</b>	)	
<b>OF UTILITIES</b>	)	

**TESTIMONY OF**  
**S. BRADFORD RIVES**  
**CHIEF FINANCIAL OFFICER, E.ON U.S. LLC,**  
**LOUISVILLE GAS AND ELECTRIC COMPANY**  
**AND KENTUCKY UTILITIES COMPANY**

**Dated: May 28, 2010**

1 **INTRODUCTION**

2 **Q. Please state your name, position and business address.**

3 A. My name is S. Bradford Rives. I am the Chief Financial Officer of E.ON U.S. LLC  
4 (“E.ON U.S.”), Louisville Gas and Electric Company (“LG&E”) and Kentucky  
5 Utilities Company (“KU”) (collectively, the “Companies”), and an employee of E.ON  
6 U.S. Services Inc. My business address is 220 West Main Street, Louisville,  
7 Kentucky 40202. A statement of my qualifications is attached as Appendix A.

8 **Q. Have you previously testified before the Kentucky Public Service Commission?**

9 A. Yes. I have previously testified before the Kentucky Public Service Commission  
10 (“Commission”) in rate proceedings, administrative investigations and environmental  
11 surcharge proceedings. Most recently I testified in the Companies’ latest base rate  
12 proceedings, Case Nos. 2008-00251 (KU) and 2008-00252 (LG&E), and in the  
13 current base rate proceedings, Case Nos. 2009-00548 (KU) and 2009-00549 (LG&E).  
14 I also testified before this Commission in the change of control case for the E.ON AG  
15 merger with Powergen plc, Case No. 2001-104.

16 **Q. Please describe your work experience and educational background.**

17 A. I began my career as a member of Arthur Andersen and of the company’s audit staff.  
18 I joined LG&E in 1983 as Assistant Manager, Tax Accounting. I have held a variety  
19 of positions at E.ON U.S., including Assistant Treasurer; Associate General Counsel;  
20 Senior Vice President, Finance and Business Development; and Senior Vice  
21 President, Finance and Controller.

22 I have a bachelor’s degree in accounting from the University of Kentucky and  
23 a Juris Doctor from the University of Louisville School of Law. I have also  
24 completed the Executive Program on Leading Corporate Transformation and the

1 Senior Executive Program on Leading Change and Organizational Renewal at the  
2 E.ON Academy at Harvard University.

3 **Q. What is the purpose of your testimony?**

4 A. The purpose of my testimony is to describe the accounting consequences to each of  
5 E.ON U.S., LG&E and KU stemming from the proposed acquisition. I will also  
6 discuss the Commission's authority following the acquisition and financing issues  
7 associated with the proposed acquisition going forward.

8 **ACCOUNTING CONSEQUENCES**

9 **Q. Will the proposed acquisition create any accounting consequences for LG&E or**  
10 **KU?**

11 A. It is possible the transaction will require "pushdown accounting" to affect the books  
12 and records of the utilities whereby their assets and liabilities will be revalued to fair  
13 value as of the date of acquisition and an amount of goodwill may need to be  
14 recorded at the utility level. The Securities and Exchange Commission ("SEC") rules  
15 governing "pushdown accounting" are complex and we continue to evaluate the  
16 potential effect on the utilities' books, but LG&E and KU commit they will not seek  
17 regulatory recovery of changes caused by any necessary "pushdown."

18 **Q. Are you aware of the Commission's position on "pushdown accounting"?**

19 A. Yes I am. It was most recently stated in Case No. 2006-00563<sup>1</sup>. The Companies  
20 understand the Commission's clear preference to avoid "pushdown accounting" and  
21 have the same view. Because the Companies hope to issue First Mortgage Bonds as  
22 the least cost financing alternative for the utilities after the completion of the merger,

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<sup>1</sup> *In the Matter of: The Application of Duke Energy Kentucky, Inc. For an Order Authorizing the Issuance of Unsecured Debt and Long-Term Notes, the Execution and Delivery of Long-Term Loan Agreements, and Use of Interest Rate Management Instruments*, Case No. 2006-00563 (April 17, 2007).



1 the utilities will most likely again be subject to SEC financial reporting. While  
2 Generally Accepted Accounting Principles (“GAAP”) do not require “pushdown  
3 accounting,” SEC interpretations require this method in certain circumstances. If the  
4 financing method proposed by the Companies is accepted by the Commission, the  
5 Companies may have no choice but to prepare their SEC reports in such a manner. If  
6 the Companies are ultimately required to adopt such a method of accounting on the  
7 books and records of the utilities, they commit to not seek regulatory recovery of any  
8 impacts of “pushdown accounting.”

9 **Q. Was “pushdown accounting” required in the Powergen and E.ON acquisitions?**

10 A. No it was not. The determination of whether “pushdown accounting” is required is  
11 very fact specific. Because LG&E and KU had outstanding preferred stock and First  
12 Mortgage Bonds at the time of the prior acquisitions, they were exempt from the  
13 “pushdown” requirement. Since those types of financing are not presently in  
14 existence, it is less clear whether “pushdown” will be required. LG&E, KU and PPL  
15 continue to review this issue and, with their advisors, hope to reach a decision shortly.

16 **Q. Will the regulatory reporting of KU and LG&E be affected by the “pushdown  
17 accounting?”**

18 A. No. LG&E and KU intend to report to the Commission on a historical cost basis as  
19 they have in the past and there will be no impact on the ratemaking books of the two  
20 utilities. The SEC filings by these companies, assuming they are allowed to complete  
21 the First Mortgage Bond financing transactions which are the subject of  
22 contemporaneous separate filings with the Commission, may have to reflect impacts

1 of “pushdown accounting,” but LG&E and KU commit they will not seek regulatory  
2 recovery of changes caused by the “pushdown.”

3 **Q. Will the proposed acquisition and transfer of ownership and control affect**  
4 **LG&E’s or KU’s accounting records in any other way?**

5 A. No. The proposed acquisition and transfer of ownership and control will not affect  
6 LG&E’s or KU’s accounting records in any other way. LG&E and KU will continue  
7 to operate as public utilities, maintain separate accounting records, and file reports  
8 and financial information with the Commission as separate and distinct companies in  
9 accordance with GAAP and the Uniform System of Accounts, as required by the  
10 Federal Energy Regulatory Commission (“FERC”), and as required by this  
11 Commission. PPL has committed that the books and records of E.ON U.S., LG&E  
12 and KU will be kept in Kentucky.

13 **Q. Will the Commission’s protections of utility resources, monitoring of the holding**  
14 **company and the subsidiaries, and reporting requirements presently in place for**  
15 **LG&E and KU change because of the proposed transaction?**

16 A. No. The applicable reporting and record-keeping requirements imposed by the  
17 Commission in the corporate reorganizations of LG&E and KU in Case Nos. 89-374  
18 and 10296, respectively, as well as in the LG&E – KU Merger in Case No, 97-300,  
19 the Powergen – LG&E Energy Merger in Case No. 2000-095, and the E.ON AG –  
20 Powergen merger in Case No. 2001-104, will continue to be followed by PPL, E.ON  
21 U.S., LG&E and KU after the proposed acquisition and transfer of ownership and  
22 control. In addition, PPL has made certain commitments concerning the submission  
23 of reports to the Commission. These include the following:

- 1           1.     If new debt or equity in excess of \$100 million is issued by E.ON U.S., that  
2           holding company commits to notify the Commission as soon as practicable  
3           prior to the issuance. [Commitment No. 11]
  
- 4           2.     PPL commits to notifying the Commission subsequent to its board approval  
5           and as soon as practicable following any public announcement of (a) any  
6           acquisition of a regulated or non-regulated business representing 5 percent or  
7           more of PPL's capitalization; or (b) the change in effective control or  
8           acquisition of any material part of or all of E.ON U.S., LG&E or KU, by any  
9           other firm, whether by merger, combination, transfer of stock or assets.  
10          [Commitment No. 18]
  
- 11          3.     PPL commits to providing an annual report to the Commission detailing E.ON  
12          U.S.'s proportionate share of PPL's total assets, total operating revenues,  
13          operating and maintenance expenses, and number of employees.  
14          [Commitment No. 19]
  
- 15          4.     PPL commits to notifying the Commission 30 days prior to LG&E or KU, as  
16          the case may be, paying any dividend or transferring more than 5 percent of  
17          the retained earnings of LG&E or KU, respectively to E.ON U.S. or PPL.  
18          [Commitment No. 20]
  
- 19          5.     PPL commits to filing with the Commission a copy of its annual reports and  
20          its quarterly interim reports on Form 10-K and Form 10-Q that is filed with  
21          the SEC. [Commitment No. 21]
  
- 22          6.     PPL commits to filing with the Commission such additional financial reports  
23          as the Commission, from time to time, reasonably determines to be necessary  
24          for it to effectively regulate the operation of LG&E and KU. [Commitment  
25          No. 22]
  
- 26          7.     LG&E and KU will file with the Commission for informational purposes  
27          copies of any applications that (a) are filed with any other state public utility  
28          commission which has jurisdiction over PPL or any of its affiliates, and (b)  
29          relate to a money pool arrangement or capital contributions to LG&E or KU.  
30          (Commitment No. 23)
  
- 31          8.     PPL, E.ON U.S., LG&E and KU commit to notifying the Commission 30  
32          days prior to making any capital contribution to LG&E or KU and to provide  
33          the accounting entries reflecting the capital contribution within 60 days after  
34          the close of the month in which the contribution was made. [Commitment No.  
35          24]
  
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**ACCESS TO CAPITAL AFTER THE PROPOSED ACQUISITION**

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**Q. Do KU and LG&E currently have plans to restructure their unsecured and intercompany debt in connection with the consummation of this transaction?**

A. Yes. In recent years, LG&E and KU obtained long-term, taxable financing from Fidelia Corporation, a finance company subsidiary organized in Delaware, and a subsidiary of E.ON U.S. Holding GmbH. The acquisition by PPL also provides LG&E and KU with a favorable opportunity to refinance the current Fidelia debt, with lower cost secured debt with longer tenors. It will be the same amount of debt as would have existed without the transaction. The details of and reason for this refinancing are more thoroughly presented in the refinancing applications filed by LG&E in Case No. 2010-00205 and by KU in Case No. 2010-00206 concurrent with this change of control application. In addition, the existing, multi-year revolving credit facilities of LG&E and KU will no longer be available once LG&E and KU cease to be part of the E.ON AG group. In their financing applications, LG&E and KU are requesting authority to enter into new, multi-year revolving credit facilities providing for short-term borrowing from time to time. Finally, LG&E and KU are also requesting authority in their financing applications to secure their pollution control debt with First Mortgage Bonds and for other financing authority associated the transition of ownership from E.ON AG to PPL. LG&E and KU will incur the same customary issuance costs associated with the previous issuance of first mortgage bonds. In those applications, LG&E and KU are not requesting borrowing authority in an amount beyond what the Commission has already approved.

1 **Q. Will LG&E and KU continue to have access to the capital markets after the**  
2 **acquisition is closed?**

3 A. Yes. LG&E will continue to have access to the capital markets and will be able to  
4 issue securities and evidences of indebtedness, subject to the approval by the  
5 Commission or the FERC. KU will continue to have access to the capital markets  
6 and to seek approval from the Commission and FERC, as well as the Virginia State  
7 Corporation Commission and the Tennessee Regulatory Authority before issuing any  
8 securities or forms of debt.

9 The proposed acquisition by PPL will continue to provide LG&E and KU full  
10 access to capital markets to raise funds for investments in facilities to serve  
11 customers. The restructuring of the current unsecured debt and issuance of first  
12 mortgage bonds discussed above will allow LG&E and KU to continue to raise  
13 capital at reasonable rates.

14 **Q. Will issuance of secured debt cause KU and LG&E to resume filing reports with**  
15 **the Securities and Exchange Commission?**

16 A. Yes. With the issuance of secured first mortgage bonds, LG&E and KU will likely  
17 register with the SEC and thereafter comply with all applicable requirements of the  
18 SEC, including those relating to the filing of Form 10-K and Form 10-Q reports.  
19 LG&E and KU will similarly resume their respective compliance activities under  
20 Sarbanes-Oxley Act of 2002.

21

1                    **IMPACT ON CREDIT RATINGS OF E.ON U.S., LG&E AND KU**

2    **Q.    Can you please comment on the current credit ratings of E.ON U.S., LG&E and**  
3           **KU?**

4    A.    Yes. E.ON U.S., LG&E and KU each have very sound investment grade financial  
5           credit ratings.

6    **Q.    Will E.ON U.S., LG&E and KU continue to have financially sound credit ratings**  
7           **after the acquisition?**

8    A.    Yes. Standard and Poors has indicated it will not change its current credit ratings for  
9           E.ON U.S., LG&E and KU, while Moody's has indicated that it may adjust its current  
10          ratings for E.ON U.S., LG&E and KU after the transaction to bring them into line  
11          with the current ratings of Standard and Poors. Thus, E.ON U.S., LG&E and KU will  
12          continue to have financially sound credit ratings after the acquisition.

13                    **TAX ALLOCATION AGREEMENT**

14   **Q.    Will the acquisition have any impact on the existing tax allocation agreement**  
15          **between E.ON US Investments Corp. and E.ON U.S. and its subsidiaries?**

16   A.    The acquisition will require the modification of the Amended and Restated Tax  
17          Allocation Agreement dated March 31, 2009, by and among E.ON US Investments  
18          Corp., E.ON U.S., LG&E, KU and their affiliates (the "Tax Allocation Agreement").  
19          The parties expect the terms and conditions of any modified Tax Allocation  
20          Agreement to be the same as those currently included therein which will separate  
21          regulated and non-regulated businesses through the use of the "stand-alone" tax  
22          calculation for the parties and their affiliates, thereby preventing any cross  
23          subsidization between the utilities and their holding company and its affiliates.

CONCLUSION

1

2 **Q. What action are you requesting that the Commission take?**

3 A. I am requesting that the Commission approve the proposed acquisition of E.ON U.S.  
4 by PPL and the resulting change in ownership and control of LG&E and KU.

5 **Q. Does this conclude your testimony?**

6 A. Yes.

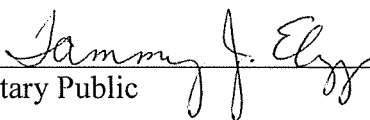
VERIFICATION

COMMONWEALTH OF KENTUCKY )  
 ) SS:  
COUNTY OF JEFFERSON )

The undersigned, **S. Bradford Rives**, being duly sworn, deposes and says he is Chief Financial Officer of E.ON U.S. LLC, Louisville Gas and Electric Company and Kentucky Utilities Company, and an employee of E.ON U.S. Services Inc., that he has personal knowledge of the matters set forth in the foregoing testimony, and the answers contained therein are true and correct to the best of his information, knowledge and belief.

  
\_\_\_\_\_  
**S. BRADFORD RIVES**

Subscribed and sworn to before me, a Notary Public in and before said County and State, this 26<sup>th</sup> day of May, 2010.

 (SEAL)  
\_\_\_\_\_  
Notary Public

My Commission Expires:  
November 9, 2010



## APPENDIX A

### **S. Bradford Rives**

Chief Financial Officer  
E.ON U.S. LLC  
220 West Main Street  
Louisville, Kentucky 40202  
(502) 627-3990

### **Civic Activities**

FM Global – Advisory Board  
Lincoln Heritage Council, Boy Scouts of America – Executive Board and Treasurer  
Metro United Way of Louisville Board of Directors  
National Kidney Foundation of Kentucky – Chair of National Kidney Foundation Golf Classic  
St. Xavier High School Board of Directors  
University of Louisville Business School Advisory Board

### **Professional/Trade Memberships**

American Institute of Certified Public Accountants (AICPA)  
Financial Executives Institute  
Kentucky Bar Association  
Kentucky Society of Certified Public Accountants  
Louisville Bar Association

### **Education**

University of Louisville School of Law, J.D. (cum laude) -- 1988  
University of Kentucky, B.S. in Accounting -- 1980

### **Previous Positions**

E.ON U.S. LLC (formerly LG&E Energy Corp.), Louisville, KY

- Dec 2000 – Sep 2003, Senior Vice President, Finance and Controller
- Feb 1999 – Dec 2000 – Senior Vice President, Finance and Business Development
- Mar 1996 – Feb 1999 – Vice President, Finance and Controller
- Jan 1996 – Mar 1996 – Vice President, Finance, Non Utility Business
- Mar 1995 – Dec 1995 – Vice President, Controller and Treasurer (LG&E Power)
- Jun 1994 – Mar 1995 – Vice President and Treasurer (LG&E Power)
- Jan 1994 – Jun 1994 – Associate General Counsel
- Jan 1993 – Dec 1993 – Director, Business Development
- Feb 1992 – Dec 1992 – Assistant Treasurer
- Oct 1991 – Feb 1992 – Director, Corporate Finance

Louisville Gas and Electric Company, Louisville, KY

- 1990-1991 – Director, Corporate Finance
- 1989-1990 – Director, Corporate Tax
- 1985-1989 – Manager, Tax Accounting
- 1983-1985 – Assistant Manager, Tax Accounting

Arthur Andersen and Company, Louisville, KY

- 1982-1983 – Audit Senior
- 1980-1982 – Audit Staff



1 **Q. Please state your name, occupation and address.**

2 A. My name is Paul A. Coomes. I am a Professor of Economics at the University of  
3 Louisville, and a consulting economist. My home address is 3604 Trail Ridge Road,  
4 Louisville KY 40241.

5  
6 **Q. Why are you here to testify?**

7 A. I have been asked to provide a regional economic development perspective on the  
8 proposed acquisition. I have two primary points to make. First, inexpensive energy is  
9 an important factor in the location of key industries in Kentucky. Since the Kentucky  
10 Public Service Commission (PSC) controls the energy rate setting process and also  
11 monitors the utilities for reliability and service, I believe that PPL will, through  
12 LG&E and KU, provide the same reliable and inexpensive energy service as the  
13 current parent company, E.ON.

14 Moreover, PPL has committed in its 'Signing Documents' that the purchase  
15 will have no impact on base rates or fuel adjustments (Commitment #5), that it will  
16 not seek a higher rate of return on equity (Commitment #8e), that customers will  
17 experience no adverse change in service (Commitment #25), that it will dedicate  
18 LGE&E and KU generating facilities to serve the native energy load (Commitment  
19 #35), as well as many other rate and service-related commitments. These  
20 commitments seem consistent with what I understand to be the definition of 'public  
21 interest' in transfer of control cases for regulated energy companies in Kentucky.

22 Second, the location of corporate headquarters operations is an important part  
23 of economic development these days. PPL has agreed to retain the headquarters jobs

1 of LG&E and KU in Kentucky for a minimum of fifteen years. This is a significant  
2 commitment from an economic development perspective. Later in my testimony I  
3 will provide background about the importance of corporate headquarters to Kentucky.  
4

5 **Q. Could you please tell us about your credentials?**

6 A. I earned a doctorate in economics from the University of Texas in Austin in 1985. My  
7 fields of study there were optimal control, mathematical programming, and  
8 econometrics. Over the past twenty-five years I have worked in many capacities as an  
9 applied economist, primarily through university research contracts with companies,  
10 government agencies, nonprofits, and economic development groups. I have studied  
11 and written about many topics in the urban and regional economics fields, including  
12 tax policy, real estate markets, economic impact modeling, measurement errors and  
13 Kalman filters, peer cities analysis, immigration, and the growth of regional  
14 economies. At the University of Louisville, I have long been asked to provide  
15 analytical support to Greater Louisville Inc. and other regional economic  
16 development organizations. My CV is attached to this document.

17 I also lead several contract research projects per year for the university, and in  
18 that capacity have performed studies for dozens of area businesses and agencies.  
19 These studies have covered a broad range of topics, including industrial impact  
20 analysis, utility planning, workforce issues, tax incidence, database development,  
21 regional economic and demographic forecasting, and economic development  
22 strategies.  
23

1 **Q. You said you have worked with many companies and agencies in your capacity**  
2 **as a university researcher. Have you ever worked for LG&E or KU?**

3 A. Yes, over the past two decades we have performed many economic and demographic  
4 forecasting projects for LG&E and KU. Generally, these involve 25-year ahead  
5 forecasts of regional jobs, population, and income for their use in capacity planning. I  
6 have been the lead person for these projects many times. I have also performed some  
7 small consulting jobs for LG&E and KU over the years, including an economic  
8 impact analysis of the new Trimble County electric generating plant.

9

10 **Q. What materials have you reviewed in preparation for this testimony?**

11 A. I have examined parts of two documents. The first is the ‘Signing Document’ for the  
12 sale of E.ON to PPL Corporation, dated April 28, 2010. This was helpful to me in  
13 understanding the regulatory commitments PPL was making as part of the purchase.  
14 For example, Regulatory Commitment #48 pledges that the corporate headquarters  
15 and associated personnel will remain in Kentucky for at least 15 years. The second  
16 document is the 2005 PSC order in the Sigma Gas case. This helped me understand  
17 the meaning of the term ‘public interest’, as used in evaluating proposed acquisitions  
18 of regulated utilities in Kentucky.

19

20 **Q. Can you provide some specifics on the relationship between energy costs and**  
21 **economic development?**

22 A. Yes. Energy costs are an important location factor for many regionally important  
23 industries. They are also an important component of a region’s cost of living,  
24 affecting the area’s ability to attract and retain population and its human capital.

1           Economic development professionals typically divide companies into three  
2 categories — manufacturing, distribution, and office. Manufacturing firms are the  
3 most energy-intensive of the three categories, and I will focus my discussion there.  
4 There are hundreds of detailed manufacturing industrial categories, from food  
5 processing to fertilizer to steel and automobiles. I have obtained national data on the  
6 energy usage of each detailed manufacturing industry, and ranked them by their  
7 energy usage and intensity. At or near the top of the rankings are many industries that  
8 are prominent in our regional economy. These include firms that make aluminum,  
9 meat and grain products, chemicals, steel, paper and paperboard, plastics, cement,  
10 petroleum products, motor vehicles and parts, and commercial printing. These large  
11 local manufacturers are among the most prominent employers and taxpayers in  
12 Kentucky. Their decision to locate here was due, in part, to our low energy costs.

13           Moreover, manufacturing operations tend to have significant economic  
14 spinoff impacts among the various industrial categories. Their output is typically sold  
15 to customers outside the state, and thus the sales bring ‘new’ dollars into Kentucky –  
16 unlike most retail, health care, education, finance, and personal service operations.  
17 Because manufacturing involves processing raw materials into finished or  
18 intermediate industrial products, manufacturing firms purchase many goods and  
19 services from other firms in the regional economy, thus providing multiplier effects  
20 beyond their direct production effects. In Kentucky, nearly all the detailed industries  
21 with large job and payroll multipliers are classified as manufacturing. It is clear to me  
22 that the operations of these companies are critical to the prosperity of Kentucky

1 residents, and that low cost energy is an important factor in their location in  
2 Kentucky.

3 Energy costs also affect the movement of people as they seek the highest  
4 standard of living, given their skills and lifestyle preferences. It is difficult to quantify  
5 the importance of energy costs relative to other factors, such as weather, job  
6 opportunities, tax burdens, housing costs, school quality, and crime. A further  
7 complication is that household energy requirements vary tremendously around the  
8 United States. High electricity or natural gas costs may not matter much in a climate  
9 where little air conditioning or winter heating is necessary. It can matter greatly in  
10 places that have extremely hot and humid summers and/or long frigid winters. In any  
11 case, energy costs are considered one determinant of household mobility. Rates for  
12 300 metropolitan areas are given prominent attention in such relocation guides as  
13 Places Rated Almanac. For Kentucky, with its humid summers of moderate length  
14 and its predictably cold but not frigid winters, energy costs are certainly an important  
15 factor in the cost of living equation for households.

16

17 **Q. Can you document the low energy costs in Louisville and Kentucky relative to**  
18 **other**  
19 **places around the United States?**

20 A. Yes. This is well-known in economic development circles. A good source of  
21 comparison energy cost data is the annual “Utility Bill Comparison for Selected US  
22 Cities”, produced by the Memphis Light Gas and Water Division. The 2010 report,  
23 available from the utility’s web site, shows electricity and gas bills for typical

1 residential, commercial, and industrial customers in approximately 35 large and mid-  
2 sized cities. Bills for Louisville customers are included, and the energy costs there are  
3 a good indication of costs throughout the LG&E and KU system. The detailed results  
4 for Louisville are easy to summarize. In virtually every energy cost category, for  
5 residential, commercial, and industrial customers, small or large, electricity or gas,  
6 Louisville ranks between second and eighth lowest among the 35 markets surveyed.  
7 For example, a large industrial customer using 10 million kwh per month with a peak  
8 load of 20,000 kw would face a bill of \$472,000 at LG&E, fourth lowest of the  
9 markets. This compares to a bill of \$1,388,000 in Boston, the highest cost market, and  
10 \$648,000 in Knoxville, the median cost market.

11  
12 **Q. So, you have established that Louisville, and by implication the entire LG&E**  
13 **and KU territory, have low energy rates, and that this is very important to the**  
14 **economic development of the region, but why should the PSC support another**  
15 **corporate acquisition of Kentucky energy utility assets?**

16 **A.** The answer is twofold. Kentucky electric utilities, in particular, are an attractive  
17 prospect to larger energy companies as they have cost-effective generation capacity,  
18 locations along the Ohio River with good access to coal supplies, a broad portfolio of  
19 industrial customers, and a good reputation for customer service. The acquisitions  
20 make sense from a business point of view. The PSC has approved several similar  
21 mergers and acquisitions over the past decade, including that with Powergen in 2000,  
22 and E.ON in 2001. It seems logical that the PSC would approve another acquisition,  
23 this time to a large Pennsylvania-based energy company seeking to balance their



1 portfolio by including more regulated energy business. The same rationale the PSC  
2 used to approve the E.ON acquisition of Powergen could be applied in this case.

3 Second, the PSC has regulatory authority over the prices PPL could charge  
4 customers for energy in Kentucky. Rates are driven by formulae that measure the cost  
5 of energy infrastructure and by pass-through schedules that reflect market prices of  
6 coal, natural gas, and other inputs. LG&E and KU will have to set rates under the  
7 same rules as when owned by E.ON, and formerly Powergen, and before that the  
8 separate companies of LG&E and KU. Hence, customers in Kentucky should not  
9 notice any increase in rates relative to what they would have been under the previous  
10 owners. Moreover, there are many explicit regulatory commitments by PPL in the  
11 Signing Documents related to this issue. The company commits that the proposed  
12 transaction will have no impact on energy rates, and that the existing generating  
13 capacity will be dedicated to the native load customers. So, the current foundation for  
14 low rates will be in place after the transfer of control.

15  
16 **Q. Please explain the importance of locating corporate headquarters operations in**  
17 **Kentucky.**

18 A. Headquarters of major corporations typically employ many professional people,  
19 including managers, engineers, accountants, systems analysts, and attorneys. These  
20 jobs require bachelors and often graduate and professional degrees, and pay well  
21 above the community average (currently \$40,447 per year in the Louisville MSA).  
22 Headquarters operations also typically have large contracts with local financial,  
23 marketing, public relations, advertising, legal, engineering, and consulting firms, and

1 thus further lift the overall regional education level and pay. The headquarters-related  
2 operations of LG&E and KU support over 500 jobs and \$58 million in annual payroll,  
3 plus good fringe benefits. These jobs are extremely important to Louisville and  
4 Kentucky. The fifteen year commitment by PPL to retain the headquarters operation  
5 in Kentucky makes their proposed acquisition attractive from an economic  
6 development perspective. In the next few paragraphs I will provide some background  
7 on the importance of corporate headquarters and professional jobs in Kentucky.

8 First, let me document the current low concentration of professional jobs and  
9 the low average pay of jobs in Louisville and Kentucky. At \$37,000 annually per  
10 wage and salary job, Kentucky ranked 44<sup>th</sup> among states in 2008. The Louisville  
11 metropolitan statistical area ranked 14<sup>th</sup> in average pay among the fifteen peer metros  
12 typically used in economic development studies: Birmingham, Charlotte, Cincinnati,  
13 Columbus, Dayton, Greensboro, Indianapolis, Jacksonville, Kansas City, Memphis,  
14 Nashville, Omaha, Raleigh, and Richmond. The rankings of average pay mirror  
15 rankings for college attainment rates in these states and metro areas.

16 These low rankings largely reflect the state's sparse concentration of jobs in  
17 the booming high end office sector of the US economy. Employment has been  
18 steadily declining in industries historically prominent in Kentucky - agricultural,  
19 mining, and manufacturing. Simply put, over the last two decades we have not been  
20 adding high paying office jobs at the rate we have been losing high paying  
21 manufacturing jobs. In my view, retaining and adding high paying office jobs is the  
22 biggest economic development challenge of our day.

1           Indeed, the professional and technical services industry has been the fastest  
2 growing sector of the US economy in terms of jobs the past two decades. While  
3 manufacturing, mining, agriculture, and now retail industries have been using  
4 technology to raise output while lowering employment, the high end office sector has  
5 been adding jobs at a strong rate, more than offsetting the decline in manufacturing  
6 employment. Moreover, jobs in this high end office sector pay on average more than  
7 in manufacturing, reflecting the high human capital and salaries of people working in  
8 these industries.

9           Kentucky currently hosts the headquarters of ten *Fortune 1000* corporations:  
10 Humana, Yum Brands, Ashland, Omnicare, General Cable, Lexmark, Kindred,  
11 Brown-Forman, PharMerica, and Res-care. Additionally, Kentucky hosts many other  
12 regional headquarters, company offices that employ many highly paid professional  
13 people, though the company-wide headquarters is located elsewhere. The  
14 headquarters-related employment at LG&E and KU falls into the latter category, as  
15 does the Louisville-based air freight division of UPS and the lighting and appliance  
16 division of General Electric. These corporate headquarters are anchors for many other  
17 Kentucky office-related businesses, which we can measure indirectly by examining  
18 data on employment and wages in the industry sector called ‘professional and  
19 technical services’.

20           Kentucky ranks 47<sup>th</sup> among states in terms of employment per capita in the  
21 professional and technical services industry, and 41<sup>st</sup> in pay per job in that industry.  
22 Similarly, Louisville ranks 13<sup>th</sup> among its fifteen peer metros in terms of employment  
23 per capita, and last in terms of pay per job in that industry sector. Clearly, we need to

1 move up in these rankings, and the presence of more corporate headquarters is  
2 perhaps the most direct path to improving our performance. Given the official efforts  
3 and media fanfare over the recent relocation of the Florida-based headquarters of  
4 Signature Healthcare to Louisville, an operation involving around 100 jobs, it is not  
5 hard to imagine the lengths to which our economic development organizations and  
6 governments would go to attract the much larger headquarters operations for LG&E  
7 and KU if it were not already in Kentucky.

8  
9 **Q. Do you have a concluding statement?**

10 A. In summary, I have argued that low energy prices are an important factor in the  
11 economic development of Kentucky, as served by LG&E and KU. Both companies  
12 and households are sensitive to energy prices when they consider location decisions.  
13 Kentucky customers – industrial, commercial, and residential - now have some of the  
14 lowest electricity and natural gas rates in the nation. Given the regulatory framework,  
15 and the regulatory commitments in the Signing Document regarding the lack of  
16 impact on energy rates (Commitments #5, #8e) and dedication of existing generation  
17 capacity to the native load (Commitment #35), there is no reason to expect this cost  
18 advantage to erode under the ownership of PPL.

19 In addition, I have demonstrated that corporate headquarters and related  
20 office-related activity are very important in economic development circles, that  
21 Kentucky ranks low in most measures of high end office activity, and that keeping the  
22 headquarters operations of LG&E and KU in the state is of great economic  
23 importance. The proposed acquisition agreement contains a long-term commitment to

1 keeping the headquarters-related activity in Kentucky. From a regional economic  
2 development perspective, I see no reason to deny the acquisition request.

3 The proposed sale appears to me to be consistent with the ‘public interest’, as  
4 the term is used in evaluating the sales of regulated utilities in Kentucky. In the 2005  
5 PSC order involving the Sigma Gas company, the PSC cited the following definition  
6 of public interest for a transfer of control, referencing a 2002 case involving the  
7 Kentucky American Water Company: (the acquiring party) “must show that the  
8 proposed transfer will not adversely affect the existing level of utility service or rates  
9 or that any potentially adverse effects can be avoided through the Commission’s  
10 imposition of reasonable conditions on the acquiring party . . . [and] that the proposed  
11 transfer is likely to benefit the public through improved service quality, enhanced  
12 service reliability, the availability of additional services, lower rates, or a reduction in  
13 utility expenses to provide present services. Such benefits, however, need not be  
14 immediate or readily quantifiable.”

15 The current proposed transfer of control seems to be consistent with this  
16 definition of public interest. I cannot address whether the transfer of control will  
17 result in improved service and/or lower rates, but certainly the Signing Documents  
18 include many regulatory commitments that ensure a continuation of the current good  
19 service and low rates of the companies – which is the criteria indicated in the first  
20 phrase of the definition of public interest cited above.

21

22 **Q. Does this conclude your testimony?**

23 A. Yes

## ATTACHMENT – COOMES CV

### Paul A. Coomes, Ph.D.

HOME: 3604 Trail Ridge Road Louisville, KY 40241 502.394.9017

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University of Louisville Louisville, KY 40292 502.852.4841 paul.coomes@louisville.edu

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#### Academic training

Ph.D. in Economics, 1985, University of Texas, Austin TX; Fields: Control Theory, Mathematical Programming, Econometrics; Dissertation: "Optimal Stochastic Control and U.S. Agricultural Policy"

M.S. in Economics, 1975, Indiana University, Bloomington IN

B.S. in Economics, 1973, Brescia College, Owensboro KY

#### Professional experience

Professor of Economics, and National City Research Fellow, College of Business, University of Louisville, July 1999 forward.

Executive Director, School of Economics and Public Affairs, College of Business and Public Administration, University of Louisville, August 1996 to June 1999.

Associate Professor of Economics and National City Research Fellow, College of Business and Public Administration, University of Louisville, January 1995 to June 1999.

Associate Professor of Economics, College of Business and Public Administration, University of Louisville, 1992-1999.

Assistant Professor of Economics, School of Business, University of Louisville, 1985-1991.

Teaching Assistant, Economics Department, University of Texas, Spring 1983 and 1985.

Research Associate, Bureau of Business Research, University of Texas, Fall 1981 to Summer 1983.

Assistant Director, Center for Applied Economic Research, University of Kentucky, 1981.

Consulting Economist, May to December 1980.

Manager, Kentucky Economic Information System, Kentucky Council of Economic Advisors, University of Kentucky, Lexington, January 1977 to May 1979.

Instructor, Brescia College, Owensboro KY, 1975-76 academic year.

#### Courses taught

Urban Economics (Ph.D. and undergraduate levels), Intermediate Microeconomic Theory, Economic Analysis and Forecasting (MBA and undergraduate levels), Senior Seminar in Economics, Principles of Economics, Economic Foundations for MBA students.

#### Other relevant experience, distinctions

Dissertation committee member for 8 successful doctoral students in Urban Affairs program  
2007 Faculty Distinguished Service Award, College of Business, University of Louisville

2004 Chairman's Award, KentuckianaWorks  
2003 Community Service Award, Greater Louisville Inc Technology Network  
Member, Board of Director, Bluegrass Institute for Public Policy, 2004 to 2005  
Member, Board of Directors, Thomas D. Clark Foundation, 1998 to 2005  
Consulting Editor (Economics), *The Louisville Encyclopedia*, 2000  
First Place Winner, Research Publication Category, American Council of Economic Development, 1996  
Associate Editor, *Journal of Urban Affairs*, 1995 to 1998  
President, Kentucky Economic Association, 1993-94  
Frankenthal Group faculty research award, academic years 1990-91 and 1991-92  
Board of Directors, Kentucky Economics Association, 1988-1991  
1988 Distinguished Faculty Service Award, School of Business, University of Louisville.  
Speaker's Bureau, University of Louisville  
Co-developer of *MODLER BLUE* software for advanced econometrics work on microcomputers, by contract with Alphametrics Corporation, Philadelphia, 1985-86  
Editor, *Kentucky Economy: Review and Perspective*, a quarterly publication of the Kentucky Council of Economic Advisors, Vol. 2, No. 2 through Vol. 3, No. 1  
Staff member, Indiana Public Interest Research Group (INPIRG), Bloomington IN, 1974-75

#### **Professional organization memberships**

American Economic Association  
North American Regional Science Association  
Kentucky Economics Association

#### **Academic journal articles**

with William Hoyt and Amelia Biehl, 2010, "Tax Limits and Housing Markets: Some Evidence at the State Level", *Real Estate Economics*, forthcoming.  
with William Hoyt, 2008, "Income Taxes and the Destination of Movers to Multi-state MSAs", *Journal of Urban Economics*, 63:920-937.  
with Nan-Ting Chou, 2005, "Cyclical Patterns and Structural Changes in the Louisville Area Economy Since 1990", Federal Reserve Bank of St. Louis *Regional Economic Development*, Volume 1, Number 1, pages 17-29.  
with David Simpson, Thomas Rockaway, Terry Weigel, and Carol Holloman, 2005, "Framing a New Approach to Critical Infrastructure Modelling and Extreme Events", *International Journal of Critical Infrastructures*, Volume 1, Number 2/3, pages 125-143.

- with Darren Clark and Alexei Izyumov, 2005, "The Location of Employment-based Immigrants Among US Metropolitan Areas", *Journal of Regional Science*, Volume 45, Number 1, pages 113-145 (February).
- with Alexei Izyumov, Nan-Ting Chou, and Babu Nahata, "Immigrant Concentration and Educational Attainment: Evidence from US Data", 2002, *Journal of International Migration and Integration*, Volume 3, Number 1, 2002, pages 17-39.
- with Alexei Izyumov and Babu Nahata, "Immigration to the Louisville Metropolitan Area: Recent Trends, Policy and Recommendations" *Brandeis Law Review*, Volume 40, Number 3, 2002, pages 1-24.
- with Tom Lambert, "An Evaluation of the Effectiveness of Louisville's Enterprise Zone", *Economic Development Quarterly*, May 2001, Volume 15, Number 2, pages 168-180.
- "Economic Performance Measures for Metropolitan Areas", *Journal of Economic and Social Measurement*, 1998, Volume 24, pages 157-179.
- with John Vahaly, "The Economic Importance of the Military in Kentucky", *Kentucky Journal of Economics and Business*, 1998, Volume 17, pages 99-125.
- with Sung-Gun Lee, "Housing Finance in Korea", *Kyung Hee Public Affairs Journal*, 1998, Volume V, Number 1, February, pages 155-176.
- with Kevin Stokes, "On the Local Economic Impact of Higher Education in Kentucky", *Kentucky Journal of Economics and Business*, 1996, Volume 15, pages 37-49.
- with William Stober and Richard Thalheimer, "Measuring the Intrastate Distribution of State Government Funds: A Case Study", *Journal of Economic and Social Measurement*, 1994, Volume 20, Number 4, pp. 285-329.
- "A Kalman Filter Formulation for Noisy Regional Job Data", *International Journal of Forecasting*, 1992, Vol.7, pp. 473-481.
- with Dennis Olson, "An Economic Performance Index for U.S. Cities", *Economic Development Quarterly*, 1991, Vol.5 No.4, pp. 335-341 (November).
- with Dennis Olson and John Merchant, "Using a Metropolitan Area Econometric Model to Analyze Economic Development Proposals", *Urban Studies*, 1991, Vol.28, No.3, pp. 369-382.
- with Dennis Olson, "Using BEA and BLS Data to Monitor Metropolitan Area Economic Performance", *Journal of Economic and Social Measurement*, 1990, Vol.16(3), pp. 167-83.
- with Dennis Olson and Dennis Glennon, "The Interindustry Employment Demand Variable: An Extension of the I-SAMIS Technique for Linking Input-Output and Econometric Models", *Environment and Planning A*, 1990, Vol.23, pp. 1063-1068.
- "Forecasting the Present: MSA Employment by Industry", *Kentucky Journal of Economics and Business*, 1989, pp. 1-10.
- "An Illustration of the Application of Control Methods in Choosing Optimal US Agricultural Policy", *Journal of Economic Dynamics and Control*, 1988, Vol. 12, pp. 161-166.
- "PLEM: A Computer Program for Passive Learning, Stochastic Control Experiments", *Journal of Economic Dynamics and Control*, 1987, Vol. 11, pp. 223-227.



"Solvency and Adequacy of Kentucky's Unemployment Insurance Trust Fund", *Kentucky Journal of Economics and Business*, Volume 7, 1986-87, published for the Kentucky Economic Association, pp. 114-129.

"The Agriculture Industry in Texas", *Texas Business Review*, November 1983, Bureau of Business Research, University of Texas, Austin, pp. 272-278.

### **Conference presentations**

with William Hoyt and Amelia Biehl, 2010, "Tax Limits and Housing Markets: Some Evidence at the State Level", North American Regional Science Association meetings, San Francisco, November 2009.

with Glenn Blomquist, Chris Jepsen, Brandon Koford, and Ken Troske, "Estimating the Social Value of Higher Education: Willingness to Pay of Community and Technical Colleges", North American Regional Science Association meetings, New York, November, 2008.

with William Hoyt, "A Model of Metropolitan Housing", North American Regional Science Association meetings, Savannah, November, 2007.

with William Hoyt, "A Model of Metropolitan Building Permits", Federal Reserve of St. Louis BERG Conference, St. Louis, May 2007.

with William Hoyt, "The Quantity and Price of New Housing Units in Metropolitan Areas", North American Regional Science Association meetings, Toronto, November, 2006.

with William Hoyt, "State Income Taxes and the Destination of Movers", Allied Social Science Association meetings, Boston, January 2006.

with Barry Kornstein, "Metropolitan Clusters: Stability of Membership over Time", North American Regional Science Association, Seattle, November 2004.

"Economic Conditions in Markets Around Kentucky", Federal Reserve Bank of St. Louis, meetings in Memphis, September 2004.

with Barry Kornstein, "Metropolitan Clusters: How Many Market Types are There", North American Regional Science Association, Philadelphia, November 2003.

with Darren Scott and Alexei Izyumov, "The Initial Location Choice of Legal Immigrants Among US Metro Areas", Southern Regional Science Association meetings, Louisville, March 2003.

with Chris Bollinger, "Initial Estimates of Underemployment in Kentucky Counties", Kentucky Economic Association, Lexington, October 2002.

with Alexei Izyumov and Darren Scott, "Why Did Vladimir Choose Omaha? The Initial location Choice of Legal Immigrants", North American Regional Science Association meetings, San Juan, Puerto Rico, November 2002.

with Alexei Izyumov, Babu Nahata, and Nan-Ting Chou, "The Enclave Effect on Education of Immigrants", North American Regional Science Association meetings, Charleston SC, November 2001.

"The Recent Economic Performance of Regions in Kentucky", Kentucky Economic Association meetings, Lexington, October 2001.

- "Measurement Systems for Regional Economic Development", at Federal Reserve Bank of Dallas conference *Can Cities Control Their Destiny?*, San Antonio, TX, August 1999.
- "An Economic Indicator System for Metropolitan Areas", Regional Economic Indicators Workshop, Braga, Portugal, June 1998
- "Comprehensive Measures of Metropolitan Area Performance: Accounting for Economic Development", Southern Regional Science Association annual meetings, Baltimore, MD, April 1996.
- "Long Range Economic and Demographic Forecasting in Support of Local Land Use Planning", North American Regional Science Association meetings, Cincinnati, OH, November 1995.
- "Long Range Economic and Demographic Forecasting in Support of Local Land Use Planning", Kentucky Economic Association annual meeting, Lexington, KY, October 1995.
- "Greater Louisville Forecasts of Jobs, People and Income: 1995 to 2020", Kentucky Economic Association annual meeting, Lexington, KY, October 1994.
- "The Recreation Quotient: Measuring the Import Substitution Effect of Local Events", with Dennis Olson, Western Economic Association Meeting, Lake Tahoe, Nevada, June 1993.
- "Measuring the Impact of the Kentucky Derby", Kentucky Economics Association annual meeting, Lexington KY, October 25, 1991.
- "Using Linked Input-Output/Econometric Models to Analyze Economic Development Proposals", Association of University Business and Economic Research, 1991 Fall Conference, St. Petersburg, FL, October 9, 1991.
- "Using a Metropolitan Area Econometric Model to Analyze Economic Development Proposals", Kentucky Economic Association meeting, Lexington KY, September 14, 1990.
- "Research Tools for Economic Development", presentation to State Governments/Higher Education Partnership Conference, Louisville KY, December 5, 1989
- "Tools for Evaluating the Benefits of Economic Development Proposals", presentation to Leadership Kentucky conference, Erlanger KY, October 13, 1989.
- "Regional Information Sources, Applications and Techniques of Analysis", invited presentation at MODLER/DATAVIEW Users' Conference and Training Session, Philadelphia PA, October 10-11, 1989
- "An Earnings-Weighted Job Index for Cities", Kentucky Economic Association meeting, Louisville KY, September 29, 1989
- "Input-Output Studies and Econometric Models", American Chambers of Commerce Research Association, San Diego, CA, June 1989.
- "The Recovery of Louisville and Other Midwestern Cities", *The Economic Roundtable*, Louisville KY, February 28, 1989
- "Forecasting Regional Employment by Industry: Kalman Filters", 35th North American Meetings of the Regional Science Association, Toronto CANADA, November 13, 1988.
- "Forecasting the Present: Regional Employment by Industry", presented at annual meeting of Kentucky Economic Association, Lexington, KY, September 23, 1988.

- "Filtering Provisional Regional Employment Estimates by Industry", presented at 5th Annual Regional Modelling Conference, Louisville, KY, May 3, 1988
- "Filtering Provisional Regional Employment Estimates by Industry", presented at Midwest Decision Sciences Institute meetings, Louisville, KY, May 7, 1988
- "Using Your Model to Improve Preliminary Estimates of Regional Income and Employment", presented at 41st Annual Conference of Association of University Business and Economic Research, San Francisco, CA, November 3, 1987.
- "Organizing Your Data for Economic Analysis" invited presentation at MODLER/DATAVIEW Users' Conference and Training Session, Philadelphia, PA, October 20-21, 1987.
- "An Illustration of the Application of Stochastic Control Methods in Choosing Optimal U.S. Agricultural Policy", presented at Ninth Annual Conference of Society of Economic Dynamics and Control, Boston, June, 1987.
- "Forecasting the Present in Regional Economies," (revised), presented at Seventh International Symposium on Forecasting, Boston, May 1987
- "Forecasting the Present in Regional Economies," presented at Fourth Annual Economic Regional Modeling Conference, University of Louisville, May 1987.
- "PLEM: A Computer Program for Passive Learning Stochastic Control Experiments," presented at Fifth IFAC/IFORS Conference on Dynamic Modeling of National Economies, June 1986, Budapest, HUNGARY.
- "An Optimal Control Approach to Managing Unemployment Insurance Trust Funds," Third Annual Regional Economic Modeling Conference, University of Louisville, May 1986.

### **Reviewing and Refereeing**

articles for:

*Environment and Planning A*  
*European Journal of Operational Research*  
*Growth and Change*  
*Kentucky Journal of Business and Economics*  
*Regional Science Perspectives*  
*International Journal of Forecasting*  
*Journal of Forecasting*  
*Journal of Economic and Social Measurement*  
*Journal of Development Economics*  
*Journal of Urban Affairs*  
*National Tax Journal*  
*Regional Science and Urban Economics*  
*Urban Studies*

books for:

Dryden Publishing Company  
 Grawemeyer World Order Award

Harcourt, Brace, Jovanovich, Publishers  
McGraw-Hill  
Society of Economic Dynamics and Control Sightings  
West Publishing Company  
Wadsworth Publishing Company

***Contract research reports (most available at <http://monitor.louisville.edu>)***

- with Tom Rockaway, Barry Kornstein and Josh Rivard, *North American Residential Water Usage Trends Since 1992*, for the Water Research Foundation, Report #4031, 2010, 148 pages.
- with Barry Kornstein, "The Economic and Fiscal Importance of the Distilling Industry in Kentucky", for the Kentucky Distillers Association, July 2009, 25 pages.
- with Paminder Jassal, Barry Kornstein, and Greg Virgin, "The Economic Importance of Military Activity in Kentucky: 2008 Update", for the Kentucky Commission on Military Affairs, December 2008, 28 pages.
- with Glenn Blomquist, Chris Jepsen, Brandon Koford, and Ken Troske, "Estimating the Social Value of Higher Education: Willingness to Pay for Community and Technical Colleges", for the Kentucky Community and Technical College System, December 2007, 75 pages.
- with Barry Kornstein, "The Economic Impact of Events in 2005 at the Kentucky Fair and Exposition Center and the Kentucky International Convention Center", for the Kentucky State Fair Board, January 2006, 19 pages.
- with Margaret Maginnis, "Louisville's Health-Related Economy 2006", for the Greater Louisville Health Enterprises Network, May 2006, 77 pages.
- with Barry Kornstein, "Kentucky's Economic Competitiveness: A Call for Modernization of the State's Fiscal Policies", November 2004, 73 pages.
- "The Economic Importance of Owensboro's Riverport", for Owensboro Riverport Authority, October 2004, 12 pages.
- with Barry Kornstein and Raj Narang, "The Economic Importance of Military Activity in Kentucky: 2004 Update", with Raj Narang and Barry Kornstein, January 2004, 32 pages.
- "Capacity and Performance of Philanthropy, Charitable Giving, and the Public Sector in Owensboro-Daviess County Kentucky", for the Hager Educational Foundation, January 2004, 30 pages.
- with Michael Price, "The Louisville Labor Force: Report on the State of the Regional Workforce 2003", for KentuckianaWorks, 30 pages, April 2003.
- with Ted Strickland, "The Size, Characteristics, and Performance of Technology-intensive Industries in the Louisville Area Economy", for Greater Louisville Inc Technology Network, October 2003, 56 pages.
- with Mark Berger et al, "Kentucky Labor Supply and Demand Surveys", for Kentucky Cabinet for Workforce Development, November 2002, University of Kentucky and University of Louisville, 84 pages.

with Barry Kornstein, "The Economic Impact of Events in 2001 at the Kentucky Fair and Exposition Center and the Kentucky International Convention Center", for the Kentucky State Fair Board, January 2002, 19 pages,

with Alexei Izyumov and Babu Nahata, "Immigration to the Louisville Metropolitan Area: Trends and Characteristics", for C.S.&E. Foundation, June 2001, 52 pages.

with Raj Narang, "Louisville's Health-Related Economy: Size, Character and Growth", for Greater Louisville Inc, May 2001, 25 pages.

with Michael Price, "The Recent Economic Performance of Regions in Kentucky", for Kentucky Economic Development Cabinet, May 2001, 67 pages.

with Barry Kornstein, "Macro Performance Indicators for the Louisville Area Economy", March 2001, sponsored by National City, 65 pages.

with William Hoyt and Mark Berger, "Statutory and Economic Incidence of Taxes in Kentucky and Surrounding States" for the Kentucky Chamber of Commerce, January 2001, 25 pages.

with Barry Kornstein, "An Economic Analysis of the Gainsborough to Rembrandt Art Show", Speed Art Museum, December 2000, 16 pages.

with Raj Narang, "The Economic Importance of Arts and Cultural Attractions in the Louisville Area", Greater Louisville, Inc., November 1999, 22 pages.

with Michael Price, "The Louisville Labor Force: Trends and Issues", Workforce Investment Board, October 1999, 20 pages.

with Barry Kornstein, "The Intrastate Distribution of Kentucky State Government Revenues and Expenditures", Fiscal Year 1996-97", August 1999, 16 pages.

with Alexei Izyumov and Babu Nahata, "Attracting Immigrants to Urban Areas", C.S.&E. Foundation, August 1999, 50 pages.

with Barry Kornstein, "The Economic Impact of the Breeders' Cup Race", Churchill Downs, July 1999, 18 pages.

with John Vahaly, "The Economic Impact of Military Activities in Kentucky", Kentucky Commission on Military Affairs, Fall 1997 (and December 2000 update), 32 pages.

with Barry Kornstein, "The Economic Impact of 1997 Events at the Kentucky Fair and Exposition Center and Commonwealth Convention Center", for the Kentucky State Fair Board, 1997, 22 pages.

with Nan-Ting Chou, "Long-Term Economic and Demographic Forecasts for the Louisville Market, including Forecasts of Electricity and Water Sales by Customer Type", for the Louisville Gas and Electric Company and the Louisville Water Company, five year contract beginning 1997, 23-page reports annually.

"The Economic Impact of Louisville's Downtown Medical Center", for Jewish Hospital, October 1996, 23 pages.

with Barry Kornstein, "1995 Macro Performance Indicators", sponsored by National City, March 1996, 75 pages.

"Agribusiness in the Louisville Area Economy", for Louisville Area Chamber of Commerce and Kentucky Department of Agriculture, May 1996, 65 pages.

with Michael Price, "Sub-Area Forecasts of People, Housing and Jobs: 1995 to 2020", for Jefferson County Comprehensive Land Use Plan, Louisville Area Chamber of Commerce and Greater Louisville Economic Development Partnership, August 1995, 68 pages.

with Michael Price and Nan-Ting Chou, "Greater Louisville Forecasts of Jobs, Population and Income: 1995 to 2020", for Jefferson County Comprehensive Land Use Plan, Louisville Area Chamber of Commerce and Greater Louisville Economic Development Partnership, July 1994, 24 pages.

with Stephan Gohmann, "The Impact of the University of Louisville on the Louisville Economy", for President's Office, University of Louisville, September 1994, 20 pages.

"The Economic and Fiscal Impact of the Downtown Medical Center", for Jewish Hospital Corporation, June 1994, 18 pages.

with Bruce Gale, "The Economic Impact of Events at the Kentucky Fair and Exposition Center and the Commonwealth Convention Center", for the Kentucky Fair Board, Summer 1993, 20 pages.

#### **University Research Contracts (Principal Investigator)**

"Water Demand Forecasts for the Cleveland Region", for Cleveland Division of Water, November 2009 to March 2010, \$30,000.

"Forecasts of Metro Government Revenues", for Louisville-Jefferson County Government, January to July, 2009, \$9,000.

with Barry Kornstein, "Updates to Occupational Outlook, Human Capital Scorecard", for KentuckianaWorks, July 2009 to June 2010, \$40,000.

"The Economic and Fiscal Impact of Changes at Fort Knox", for Lincoln Trail Area Development District, July 2009 to December 2010, \$40,000.

with Barry Kornstein, "The Economic and Fiscal Impact of Kentucky's Distilling Industry", for the Kentucky Distillers Association, May to August 2009, \$30,000.

with Barry Kornstein, "Economic, Demographic and Water Sales Forecasts for the 23-County Regional Economy", for the CDM Engineering Company /Louisville Water Company, June 2008 to July 2009, \$40,000.

with Barry Kornstein, "Updates to Occupational Outlook, Human Capital Scorecard", for KentuckianaWorks, June 2008 to June 2009, \$40,000.

with Paminder Jassal, Barry Kornstein, and Greg Virgin, "The Economic Importance of Military Activity in Kentucky: 2008 Update", December 2008, \$30,000.

with Barry Kornstein, "Economic Impact Modeling System for Hospitals", for Kentucky Hospital Association, May to December, 2007, \$25,000.

with Ken Troske, "The Economic Value of the Kentucky Community and Technical College System", for KCTCS, joint with University of Kentucky, \$260,000, January to December, 2007.

"The Economic Impact of 2007 Events at the Kentucky Horse Park", for Kentucky Horse Park, January 2007 to June 2008, \$35,000.

with Tom Rockaway, "Changes in Water Use Patterns", for the American Water Works Association Research Foundation, November 2006 to August 2008, \$301,000.

with Michael Price, "Updates to Occupational Outlook, Human Capital Scorecard", for KentuckianaWorks, \$60,000, June 2006 to June 2007.

"Update to Strategic Plan", for Kentucky Commission on Military Affairs, \$20,000, June to December 2006.

with William Hoyt (UK) "Property Taxation Practices and Impacts throughout the United States since Proposition 13", for National Center for Real Estate Research, \$37,000, July 2005 to June 2006.

"Louisville's Health Related Economy", for the Greater Louisville Health Enterprises Network, \$35,000, January to June 2006.

"Economic and Demographic Forecasting Model, with Forecasts, for Regions in Kentucky", for Louisville Gas and Electric Company, \$20,000, November 2005 to June 2006.

"The Economic Impact of 2005 Events at the Kentucky Fair and Exposition Center, and the Louisville International Convention Center", for Kentucky Fair Board, \$36,000, January 2005 to June 2006.

"Revenue Forecasting Model, with Forecasts", for Louisville-Jefferson County Metro Government, \$30,000, July 2004 to June 2005.

"The Economic Importance of Owensboro's Riverport", for Owensboro Riverport Authority, October 2004, \$15,000, July to December 2004.

"Economic and Demographic Forecasting Model, with Forecasts, for Regions in Kentucky", for Louisville Gas and Electric Company, \$20,000, July 2004 to December 2004.

with Michael Price, "Occupational Characteristics and Forecasts for 24-County Louisville Economy", plus other labor-related projects, sponsored by KentuckianaWorks, April 2004 to June 2005, \$70,000.

"The Intrastate Distribution of Kentucky State Government Revenues and Expenditures, FY 2003", sponsored by Greater Louisville Inc, Northern Kentucky Chamber of Commerce, TRI-ED economic development group in northern Kentucky, and Lexington Urban County Government, March to December 2004, \$24,000.

"Capacity and Performance of Philanthropy, Charitable Giving, and the Public Sector in Owensboro-Daviess County Kentucky", for the Hager Educational Foundation, February to December 2003, \$15,000.

"The Economic Importance of Military Activity in Kentucky: 2004 Update", for the Kentucky Commission on Military Affairs, May 2003 to February 2004, \$20,000.

with Ted Strickland, "The Technology Industry in the Louisville Economy", for Greater Louisville Inc Technology Network, March to December 2003, \$20,000.

with Michael Price, "Labor Supply Analysis of the Louisville Market", KentuckianaWorks, July 2002 forward, \$25,000.

with Barry Kornstein, "Comparative Study of Light Rail Systems", Transit Authority of River City, July 2002, \$20,000.

“Economic Impact Model for Hospitals in Kentucky”, Kentucky Hospital Association, November 2001, \$18,000.

with Bruce Gale, “Labor Market Supply and Demand Study”, Kentucky Workforce Cabinet, September 2001, \$155,000.

“Economic, Demographic and Water Sales Forecasts for the 23-County Regional Economy”, for the Black and Veatch Corporation/Louisville Water Company, July 2001, \$33,000,

with Nan-Ting Chou and Barry Kornstein “Economic, Demographic and Industrial Electricity Forecasts for the Louisville Area”, for the Louisville Gas and Electric Company, \$10,000.

“Economic Development Strategies for Kentucky Regions”, Kentucky Economic Development Cabinet, July 2001, \$20,000.

“Economic Analysis of Kentucky Fair Board Events During 2001”, Kentucky Fair Board, February 2001, \$30,000.

“Economic Monitoring System for Louisville’s Health-Related Economy”, Greater Louisville Inc, January 2001, \$27,000.

“Economic Analysis Tools” for Industry Inc. of Owensboro, December 2000, \$10,000.

with Michael Price, “Economic Performance Measures for Kentucky Regions”, Kentucky Economic Development Cabinet, November 2000, \$50,000.

with Barry Kornstein, “An Economic Analysis of the Gainsborough to Rembrandt Art Show”, Speed Art Museum, September 2000, \$15,000.

“The Economic Importance of Arts and Cultural Attractions in the Louisville Area”, Greater Louisville, Inc., November 1999, \$18,000.

with Michael Price, “Labor Force Analysis of the Louisville Economic Area”, Workforce Investment Board, October 1999, \$25,000.

with Alexei Izymov and Babu Nahata, “Analysis of Immigration Patterns Among US Cities”, CS&E Foundation, August 1999, \$56,000.

“The Economic Impact of the Breeders’ Cup Race”, Churchill Downs, October 1998, \$18,000.

“The Fiscal Impact of UPS Operations in Louisville”, United Parcel Service, Fall 1998, \$6,000.

“Strategic Marketing Plan for Military Assets in Kentucky”, the Kentucky Commission on Military Affairs, 1998-99, \$200,000.

with Steve Gohmann, “The Economic Impact of the Hospital Industry in Kentucky”, Kentucky Hospital Association, Winter 1997-98, \$25,000.

with John Vahaly, “The Economic Impact of Military Activities in Kentucky”, Kentucky Commission on Military Affairs, Fall 1997, \$25,000.

“An Economic Impact Model for the Owensboro, Kentucky Regional Economy”, Industry Incorporated, Owensboro, Spring 1997, \$5,000.

“The Economic Impact of 1997 Events at the Kentucky Fair and Exposition Center and Commonwealth Convention Center”, for the Kentucky State Fair Board, 1997, \$20,000.

with Nan-Ting Chou, “Long-Term Economic and Demographic Forecasts for the Louisville Market, including Forecasts of Electricity and Water Sales by Customer Type”, for the



Louisville Gas and Electric Company and the Louisville Water Company, five year contract beginning 1997, at \$20,000 per year.

"The Economic Impact of Louisville's Downtown Medical Center", for Jewish Hospital, July 1996, \$6,000.

"Agribusiness in the Louisville Area Economy", for Louisville Area Chamber of Commerce and Kentucky Department of Agriculture, March 1995 to February 1996, \$25,000.

with Michael Price, "Database on Municipal Finances", Jefferson County Governance Task Force, Louisville Area Chamber of Commerce, September 1995, \$8,000.

with Michael Price, "Sub-Area Forecasts of People, Housing and Jobs: 1995 to 2020", for Jefferson County Comprehensive Land Use Plan, Louisville Area Chamber of Commerce and Greater Louisville Economic Development Partnership, September 1994 to August 1995, \$30,000.

with Michael Price and Nan-Ting Chou, "Greater Louisville Forecasts of Jobs, Population and Income: 1995 to 2020", for Jefferson County Comprehensive Land Use Plan, Louisville Area Chamber of Commerce and Greater Louisville Economic Development Partnership, December 1993 to July 1994, \$65,000.

with Stephan Gohmann, "The Impact of the University of Louisville on the Louisville Economy", for President's Office, University of Louisville, September 1994, \$6,000.

"The Economic and Fiscal Impact of the Downtown Medical Center", for Jewish Hospital Corporation, June 1994, \$6,000.

with Bruce Gale, "The Economic Impact of Events at the Kentucky Fair and Exposition Center and the Commonwealth Convention Center", for the Kentucky Fair Board, Summer 1993, \$18,000.

Economic impact study for ARCO Aluminum, June 1993, \$6,000.

Economic consultant to Bank One of Kentucky, 1993 to 1995, \$10,000 per year.

Economic consultant to General Electric Company, Winter 1992-93, \$4,000.

Economic consultant to Louisville Water Company, 1992-95, \$5,000 per year.

Economic consultant to Galloway Appraisal Company, Louisville, August 1992.

Principal Investigator, "A Cost Comparison Between the Archdiocese of Louisville School System and the Jefferson County Public School System" and "Public Tax Savings from the Operation of Catholic Schools in Jefferson County Kentucky, for the Archdiocese of Louisville, November 1993 to February 1994, \$5,000.

Principal Investigator, "The Archdiocese of Louisville Factbook", for the Archdiocese of Louisville, December 1992 to January 1993, \$5,000.

Principal Investigator, "The Intra-State Distribution of Kentucky State Government Revenues and Expenditures", for Louisville Area Chamber of Commerce, funded by Greater Louisville Economic Development Partnership, November 1991 to August 1992, \$20,000.

Principal Investigator, "Economic Development Electronic Information Network", sponsored by a grant from First National Bank, 1990 to 1995, \$25,000 per year.

Principal Investigator, "The Impact of the 1991 Kentucky Derby and 1991 Breeders' Cup", sponsored by the Equine Industry program at the University of Louisville, February 1991 to July 1992, \$30,000.

Co-Principal Investigator with Dennis Olson, "Analysis and Critique of Louisville Gas and Electric Company's 1988 Load Forecast, December 1989, \$3,000.

Principal Investigator and Creator, "Economic Performance Index for Cities" for the Greater Louisville Economic Development Partnership, through the University Bureau of Economic Research, 1987 to 1993, \$20,000 per year.

Principal Investigator, "Economic Impacts of Economic Development Initiatives", retainer with City/County Office for Economic Development to evaluate the economic and fiscal impact of proposed initiatives, 1989 to 1994, \$20,000 per year.

Co-Principal Investigator with Dennis Olson, Dennis Glennon and Julia Lane, Economic Development Modelling System, funded by City of Louisville and Jefferson County through Bureau of Economic Research, University of Louisville, June to December, 1988, \$120,000.

Long Range Economic Forecasts of the Louisville Economy, for Louisville Gas and Electric Company, through Bureau of Economic Research, University of Louisville, annual, 1987 to present, \$6,000 per year.

Co-Principal Investigator with John Bernardo and Charles Hultman, "Impact of Increased User Fees on Kentucky's Waterborne Transportation," for Kentucky Department of Commerce, by Office of Research, College of Business and Economics, University of Kentucky, April 1982, 105 pages, \$15,000.

### **Other Consulting, Service**

Economic consultant, Brown-Forman, 2010.

Economic consultant, expert witness, for Kentucky Industrial Utility Customers, 2010.

Economic consultant, expert witness, for Noranda Aluminum, 2009-10.

Economic consultant, expert witness, for Ormet Aluminum, 2008-09.

Economic consultant to E.ON (LGE, KU), 2009.

Economic consultant to Home Builders Association of Louisville, 2008-09.

Economic consultant to Brown-Forman Corporation, 2007, 2008, 2010.

Economic consultant to Century and Rio Tinto aluminum companies, 2007, 2009.

Economic consultant to Nally and Haydon Holdings, Bardstown, 2006-07.

Economic consultant to Amazon corporation, 2006

Member of Transition Team, Governor Ernie Fletcher, November-December 2003, pro bono.

Economic Consultant to Elizabethtown Tourism and Convention Bureau, July 2003.

Economic Consultant to Bullitt family, per their real estate development of farm.

Member, Merger Transition Task Force, City of Louisville and Jefferson County Governments, 2001-2002, pro bono.

Expert witness before Kentucky Public Service Commission, E.ON acquisition of Powergen, August 2001.

Consultant to Indiana 21<sup>st</sup> Century Fund, dispersing \$50 million to commercialize high tech ideas, May 2000.

Economic Consultant to Kentucky Economic Development Corporation, May-July, 1999.

Economic consultant to the City of Los Angeles and the Milken Institute for Job and Capital Creation, 1996-1998.

Economic consultant to Bullitt County (Kentucky) Tourist Commission, January to March, 1997.

Economic consultant to Harrison County (Indiana) Chamber of Commerce.

Economic consultant to Kentucky Utilities Company.

Member of Task Force, Jefferson County Governance Project, 1995, pro bono.

Economic consultant to Bullitt County (Kentucky) Tourist Commission, October-December 1994.

Economic consultant to Carroll County (Kentucky) Economic Development Corporation, July 1994.

Economic consultant to Perry County (Indiana) Economic Development Corporation, June 1993 forward.

Expert testimony, Reynolds Metal Company, April 1993.

Chairman of research committee, Louisville Area Chamber of Commerce, 1992-93, pro bono.

Member of Steering Committee, Regional Economic Development Strategy (REDS), Louisville Area Chamber of Commerce, 1992-94, pro bono.

Member of research committee, Goals for Greater Louisville, 1991-92, pro bono.

Economic consultant to Chi-Chi's restaurant company, 1990-91.

Computer system design and purchasing consultant to Kentucky Indiana Planning and Development Authority (KIPDA), pro bono, February 1989, pro bono.

Member, Delphi Panel on long-range utility forecasts, Louisville Gas and Electric Company, May 1987.

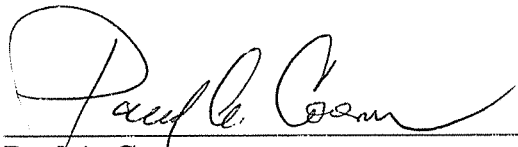
Forecasts for the Retail Automotive Sales and the Coal Industry in central and eastern Kentucky, for First Security National Bank, Lexington, KY, with Charles G. Renfro and Associates, 1980.

Study of the Impact of the Proposed Coal Gasification Plant on the Economies of Daviess and Henderson Counties, KY, for U.S. Department of Energy, with Charles G. Renfro and Associates, 1979.


**VERIFICATION**

**COMMONWEALTH OF KENTUCKY** )  
 ) **SS:**  
**COUNTY OF JEFFERSON** )

The undersigned, **Paul A. Coomes**, being duly sworn, deposes and says that he is a Professor of Economics at the University of Louisville and a consulting economist, 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.

  
\_\_\_\_\_  
**Paul A. Coomes**

Subscribed and sworn to before me, a Notary Public in and before said County and State, this 27 day of May 2010.

  
\_\_\_\_\_  
Notary Public (SEAL)

My Commission Expires:

4-21-12



**COMMONWEALTH OF KENTUCKY**  
**BEFORE THE PUBLIC SERVICE COMMISSION**

**In the Matter of:**

<b>JOINT APPLICATION OF PPL</b>	)	
<b>CORPORATION, E.ON AG,</b>	)	
<b>E.ON US INVESTMENTS CORP.,</b>	)	
<b>E.ON U.S. LLC, LOUISVILLE GAS AND</b>	)	<b>CASE NO. 2010-00204</b>
<b>ELECTRIC COMPANY AND</b>	)	
<b>KENTUCKY UTILITIES COMPANY FOR</b>	)	
<b>APPROVAL OF AN ACQUISITION</b>	)	
<b>OF OWNERSHIP AND CONTROL</b>	)	
<b>OF UTILITIES</b>	)	

**TESTIMONY OF**  
**LONNIE E. BELLAR**  
**VICE PRESIDENT OF STATE REGULATION AND RATES**  
**LOUISVILLE GAS AND ELECTRIC COMPANY**  
**AND KENTUCKY UTILITIES COMPANY**

**Dated: May 28, 2010**

1 INTRODUCTION

2 **Q. Please state your name, position and business address.**

3 A. My name is Lonnie E. Bellar. I am the Vice President of State Regulation and Rates  
4 for Louisville Gas and Electric Company (“LG&E”) and Kentucky Utilities Company  
5 (“KU”) (collectively, “Companies”), and an employee of E.ON U.S. Services Inc.  
6 My business address is 220 West Main Street, Louisville, Kentucky 40202. A  
7 statement of my qualifications is attached as Appendix A.

8 **Q. Have you previously testified before the Kentucky Public Service Commission?**

9 A. Yes. I have testified before the Commission multiple times, including Case Nos.  
10 2007-00562 (LG&E) and 2007-00563 (KU) concerning the disposition of KU’s and  
11 LG&E’s merger surcredit mechanisms; in the Companies’ 2009 Environmental  
12 Surcharge Compliance Plan proceedings, Case Nos. 2009-00197 (KU) and 2009-  
13 00198 (LG&E), the Companies’ most recent base rate cases, Case Nos. 2008-00251  
14 (KU) and 2008-00252 (LG&E); and in the current base rate proceedings, Case Nos.  
15 2009-00548 (KU) and 2009-00549 (LG&E).

16 **Q. Please describe your work experience and educational background.**

17 A. I began my career with Kentucky Utilities in 1987 as an electrical engineer. I held  
18 several engineering roles in the transmission and generation areas, and was eventually  
19 promoted to Director of Generation Services in 2000. I then served as General  
20 Manager of the LG&E Can Run and Ohio Falls power stations; Director of Financial  
21 Planning and Controlling; and Director of Transmission.

22 I received a Bachelor of Science in Engineering Arts from Georgetown  
23 College and a Bachelor of Science in Electrical Engineering from the University of

1 Kentucky. I have completed various management and executive training courses  
2 sponsored by the E.ON Academy, including courses at Harvard University.

3 **Q. What is the purpose of your testimony?**

4 A. The purpose of my testimony is to discuss the affiliate transactions related to the  
5 proposed acquisition and other regulatory issues.

6 **AFFILIATE TRANSACTIONS**

7 **Q. Will the proposed acquisition affect or change E.ON U.S. Services Inc. (“E.ON  
8 Services”)?**

9 A. No. E.ON Services will continue to be a subsidiary of E.ON U.S. LLC (“E.ON  
10 U.S.”). It will continue to act as a centralized service company to provide services to  
11 E.ON U.S. and its subsidiaries, including LG&E and KU. PPL Corporation (“PPL”)  
12 will continue to utilize its existing service company for its other subsidiaries.

13 **Q. Will the proposed acquisition adversely affect E.ON U.S.’s Notification of  
14 Holding Company Status filed with the Federal Energy Regulatory Commission  
15 (“FERC”) under the Public Utility Holding Company Act of 2005 (“PUHCA  
16 2005”)?**

17 A. No. E.ON AG, for itself and its intermediate companies, including E.ON U.S., filed  
18 Form 65, Notification of Holding Company Status, with FERC on June 15, 2006.  
19 Following consummation of the proposed acquisition, E.ON U.S. will submit a  
20 comparable Notification of Holding Company Status with FERC. Accordingly,  
21 E.ON U.S. will be recognized as a holding company under PUHCA 2005, and will  
22 continue to act as a holding company for the two utilities, LG&E and KU.

23



1 **Q. Will the proposed acquisition affect the Commission’s authority to regulate**  
2 **LG&E or KU’s affiliate transactions?**

3 A. No. The transfer of ownership and control of LG&E and KU will not alter the  
4 Commission’s authority to regulate LG&E’s or KU’s affiliate transactions resulting  
5 from the proposed acquisition. LG&E and KU will remain subject to the same laws  
6 and rules that apply under the current E.ON AG – E.ON U.S. structure. Further, the  
7 proposed acquisition and resulting transfer of ownership and control of LG&E and  
8 KU will not prevent the Commission from reviewing LG&E’s or KU’s costs and  
9 operations. Access to books, records, and management will not change, and E.ON  
10 U.S.’s, LG&E’s, and KU’s books will continue to be kept in Kentucky. PPL commits  
11 that the Commission be allowed access to those books and records. There will be no  
12 change in the Commission’s ability to make any inspection of books and records that  
13 might be necessary to accomplish proper regulatory purposes.

14 **Q. Is there any area in which the Commission’s regulatory oversight over affiliate**  
15 **transactions could be affected by the proposed acquisition?**

16 A. No, there are no areas in which the Commission’s regulatory oversight over affiliate  
17 transactions could be affected by the proposed acquisition. E.ON Services will  
18 continue to operate as a subsidiary of E.ON U.S. and serve as a centralized service  
19 company for purposes of complying with PUHCA 2005. FERC will regulate the  
20 provision of services and allocation of costs to ensure against any inappropriate cross-  
21 subsidization within the E.ON U.S. holding company system and the greater PPL  
22 holding company system.

23

1 **Q. Will E.ON Services have affiliate transactions with PPL’s subsidiaries?**

2 A. E.ON Services has no plans at this time to engage in any specific affiliate transactions  
3 with PPL’s subsidiaries. E.ON Services may enter into affiliate service agreements  
4 with subsidiaries of PPL after the completion of the proposed acquisition, if such  
5 agreements would enhance operational flexibility.

6 **TRANSMISSION ISSUES**

7 **Q. Is PPL a member of a Regional Transmission Organization (“RTO”)? If so, how  
8 will this affect whether LG&E or KU are members of a RTO?**

9 A. Yes. PPL is a member of PJM Interconnection, an RTO. However, PPL has  
10 committed to use its reasonable best efforts to address market power concerns of  
11 FERC, the Department of Justice, and the Federal Trade Commission through  
12 mitigation measures that do not require participation by LG&E or KU in an RTO.  
13 Therefore, there are no plans at this time for LG&E or KU become members of any  
14 RTO as a result of this transaction. LG&E and KU expect to continue to operate  
15 independently from an RTO. It is, however, possible that retaining Southwest Power  
16 Pool, Inc., as the Companies’ Independent Transmission Operator may be the most  
17 practical means of complying with FERC transmission independence requirements  
18 following the PPL transaction. If so, the Companies will file a separate application  
19 with the Commission under KRS 278.218.

20

1 EXISTING KU/LG&E OPERATING AGREEMENTS

2 **Q. Will the proposed acquisition affect the Power Supply System Agreement**  
3 **(“PSSA”) or Transmission Coordination Agreement (“TCA”) between LG&E**  
4 **and KU?**

5 A. No. The proposed acquisition will not affect the PSSA or TCA (collectively, the  
6 “Agreements”) between LG&E and KU. The Agreements were established as a  
7 result of the LG&E – KU merger in 1998 for the purpose of facilitating the joint  
8 operation and planning of the KU and LG&E generation and transmission assets. The  
9 Agreements provide for the joint operation and planning of the KU and LG&E  
10 transmission and generation systems and also establish separate joint committees for  
11 making business decisions concerning these assets. The primary objective of the  
12 Agreements is to maximize economy, efficiency, and reliability in the transmission  
13 system as a whole. It is anticipated that the members of the PSSA and TCA  
14 committees will remain the same, and changes in those committees will only result  
15 through the normal procedures of the respective committees.

16 CONCLUSION

17 **Q. Please provide a summary of your testimony.**

18 A. My testimony discusses the affiliate transactions, and shows that the proposed  
19 acquisition will not affect or change E.ON Services, and that E.ON Services will  
20 continue to provide service to LG&E and KU. My testimony also shows that the  
21 proposed acquisition will not affect the Commission’s authority to regulate LG&E’s  
22 or KU’s affiliate transactions, and that there is no area in which the Commission’s  
23 regulatory oversight over affiliate transactions could be affected. My testimony also  
24 shows that PPL does not currently have plans for LG&E or KU to be members of an

1 RTO. Finally, my testimony shows that the proposed acquisition will not affect the  
2 PSSA or the TCA between LG&E and KU, and that the respective committees will  
3 also not be affected.

4 **Q. What action are you requesting that the Commission take?**

5 A. I request that the Commission approve the proposed acquisition and resulting transfer  
6 of ownership and control of LG&E and KU to PPL.

7 **Q. Does this conclude your testimony?**

8 A. Yes.

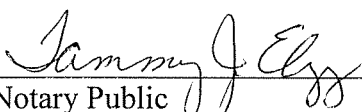
VERIFICATION

COMMONWEALTH OF KENTUCKY )  
 ) SS:  
COUNTY OF JEFFERSON )

The undersigned, **Lonnie E. Bellar**, being duly sworn, deposes and says he is Vice President of State Regulation and Rates of Louisville Gas and Electric Company and Kentucky Utilities Company, and an employee of E.ON U.S. Services Inc., that he has personal knowledge of the matters set forth in the foregoing testimony, and 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 27<sup>th</sup> day of May, 2010.

  
\_\_\_\_\_  
Notary Public (SEAL)

My Commission Expires:  
November 9, 2010

## APPENDIX A

### **Lonnie E. Bellar**

E.ON U.S. Services Inc.  
220 West Main Street  
Louisville, Kentucky 40202

### **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

### **Professional Experience**

#### **E.ON U.S. LLC**

Vice President, State Regulation and Rates	Aug. 2007 – Present
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**

Manager, Generation Planning	Sept. 1995 – May 1998
Supervisor, Generation Planning	Jan. 1993 – Sept. 1995
Technical Engineer I, II and Senior, Generation System Planning	May 1987 – Jan. 1993

### **Professional Memberships**

IEEE

### **Civic Activities**

E.ON U.S. Power of One Co-Chair – 2007  
Louisville Science Center – Board of Directors – 2008  
Metro United Way Campaign – 2008  
UK College of Engineering Advisory Board – 2009