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**Subject:** FW: Lovecamp letter  
**Attachments:** LGE\_KU\_2013\_RD.pdf

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**From:** Lovekamp, Rick [<mailto:Rick.Lovekamp@lge-ku.com>]  
**Sent:** Thursday, April 11, 2013 7:42 AM  
**To:** DeRouen, Jeff (PSC)  
**Cc:** Staton, Ed  
**Subject:** RE: Lovecamp letter

Jeff,

Attached is a document that provides funding by category and a description of applicable projects for each category. Specific project details can be viewed at the EPRI website (<http://portfolio.epri.com/sitemap.aspx>).

Please let me know if you have any additional questions.

Regards,  
Rick Lovekamp

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**From:** DeRouen, Jeff (PSC) [<mailto:Jeff.DeRouen@ky.gov>]  
**Sent:** Wednesday, April 10, 2013 11:32 AM  
**To:** Staton, Ed; Bellar, Lonnie  
**Cc:** Lovekamp, Rick  
**Subject:** RE: Lovecamp letter

Thanks. That is fine.

*Jeff DeRouen*

Executive Director  
Kentucky Public Service Commission  
211 Sower Boulevard  
Frankfort, Kentucky 40601  
(502) 564-3940

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**From:** Staton, Ed [<mailto:Ed.Staton@lge-ku.com>]  
**Sent:** Wednesday, April 10, 2013 10:41 AM  
**To:** DeRouen, Jeff (PSC); Bellar, Lonnie  
**Cc:** Lovekamp, Rick  
**Subject:** RE: Lovecamp letter

Jeff, Rick should have something to you later today or first thing tomorrow.

Thanks, Ed

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**From:** DeRouen, Jeff (PSC) [<mailto:Jeff.DeRouen@ky.gov>]  
**Sent:** Tuesday, April 02, 2013 3:17 PM

**To:** Bellar, Lonnie; Staton, Ed  
**Subject:** Lovecamp letter

Attached is a letter Rick sent to comply with a previous order. The Commissioners have requested specific dollar amounts for each expenditure, actual in 2012 and projected for 2013. Could one of you forward to him or get the info?

Email response is fine.

*Jeff Derouen*

Executive Director  
Kentucky Public Service Commission  
211 Sower Boulevard  
Frankfort, Kentucky 40601  
(502) 564-3940

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**Research and Development Funding**  
**Louisville Gas and Electric Company and Kentucky Utilities Company**

	2012	2013
<b>Total Generation Project Funding</b>	<b>\$2,103,875</b>	<b>\$2,323,532</b>
<b>Program Number and Name</b>		
63	Boiler Life and Availability Improvement Program	
64	Boiler and Turbine Steam and Cycle Chemistry	
65	Steam Turbines-Generators & Auxiliary Systems	
66A	Eng & Economic Evaluations and Market Assessments of Adv Coal Generation Options	
66C	Combustion-Based Power Plant Development and Deployment Support (PC and CFBC)	
71 001	Mitigation of Fireside Corrosion and Waterwall Wastage in Low-NOX Systems	
71 003	Heat Rate and Cost Optimization	
73	Post-Combustion NOX Control	
75 001	Integrated Environmental Control Evaluations	
75 002	Hazardous Air Pollutant Control Technology Development	
76 002	Optimized Baghouse Performance for All Fly Ash	
76 003	Robust, Least-cost Acid Emission Reductions	
77	Continuous Emissions Monitoring	
78	Coal Combustion Product Use	
80	New Combustion Turbine/Combined-Cycle Plant Design and Technology Selection	
88	Combined Cycle HRSG and Balance of Plant	
84A	Renewable Energy Economics and Technology	
84B	Biomass	
87	Fossil Materials and Repairs	
87 002	Fossil Repair Applications	
104	Fossil Maintenance Applications Center (FMAC)	
165	CO2 Capture and Storage	
<b>Environmental Project Funding</b>		
<b>Program Number and Name</b>	<b>\$1,112,976</b>	<b>\$1,221,623</b>
42	Air Toxics Health and Risk Assessment	
49	Coal Combustion Products - Environmental Issues	
51	ROW: Siting, Vegetation Management, and Avian Issues	
54	Fish Protection at Steam Electric Power Plants	
56	Effluent Guidelines and Water Quality Management	
59	PISCES - Plant Multimedia Toxics Characterization	
91	Air Quality Assessment of Ozone, PM and Visibility	
92	Assessment of Air Quality Impacts on Human Health	
<b>Power Delivery and Utilization Program Funding</b>		
<b>Program Number and Name</b>	<b>\$419,943</b>	<b>\$330,604</b>
18	Electric Transportation	
35 001	Inspection, Assessment, and Management of Overhead Transmission Lines	
35 003	Structure and Foundation Corrosion Management	
35 008	Overhead Line Design and Research	
35 012	Porcelain / Glass Insulator Integrity Assessment	
35 017	Design and Construction - Approach and Practices	
36	Underground Transmission	
37 103	Protection and Control (Substations)	
183 A	Cyber Security and Privacy Technology Transfer and Industry Collaboration	
183 B	Security Technology for T&D Systems	
<b>User Group Fees</b>		
	<b>\$10,000</b>	<b>\$15,000</b>
<b>UK Carbon Management</b>		
	<b>\$200,000</b>	<b>\$200,000</b>
<b>Texas Carbon Management</b>		
	<b>\$25,000</b>	<b>\$75,000</b>
<b>Miscellaneous</b>		
	<b>\$0</b>	<b>\$200,000</b>
<b>Total</b>	<b>\$3,871,794</b>	<b>\$4,365,758</b>
<b>Percent Increase</b>		<b>12.76%</b>