



LG&E Energy LLC
220 West Main Street (40202)
P.O. Box 32030
Louisville, Kentucky 40232

July 14, 2005

Elizabeth O'Donnell
Executive Director
Kentucky Public Service Commission
211 Sower Boulevard
Frankfort, Kentucky 40602-0615

RECEIVED

JUL 14 2005

PUBLIC SERVICE
COMMISSION

RE: Joint Application of Louisville Gas and Electric Company and Kentucky Utilities Company for a Certificate of Public Convenience and Necessity for the Construction of Transmission Facilities in Jefferson, Bullitt, Meade and Hardin Counties, Kentucky
Case No. 2005-00142

Application of Kentucky Utilities Company for a Certificate of Public Convenience and Necessity for the Construction of Transmission Facilities in Franklin, Woodford and Anderson Counties, Kentucky
Case No. 2005-00154

Application of Louisville Gas and Electric Company for a Certificate of Public Convenience and Necessity for the Construction of Transmission Facilities in Trimble County, Kentucky
Case No. 2005-00155

Dear Ms. O'Donnell:

Enclosed please find a supplement to Louisville Gas and Electric Company's ("LG&E") and Kentucky Utilities Company's ("KU") Response to the Commission Staff's First Data Request dated June 30, 2005 in the above-referenced dockets. The enclosed maps are a supplemental attachment to the response to Question No. 9. The attached table is a supplement to the response to Question No. 12.

Should you have any questions concerning the enclosed, please do not hesitate to contact me at (502) 627-4110.

Sincerely,

John Wolfram
Manager, Regulatory Affairs

cc: Parties of Record

LGE Energy LLC
Facility Rating Program (RJ)

Tyrone to Adams 138 kV (108-734,65-714)

Summer Ambient 96.0000

Winter Ambient 23° F

Last Updated: 10/27/2004 (Wave Trap)

Wind Speed 2 MPH

Item Description	SN	SE	WN	WE	
Tyrone					
Adams					
Bus : 500 MCM 37X CU	837	1033	1207	1334	
Switch : 65-714B	630 <	720 <	792 <	810	
Riser : 500 MCM 37X CU	837	1033	1207	1334	
Brkr CT: Set 800-5/1200-5	800	980	800	980	
Breaker : 65-714	1200	1200	1200	1200	
Brkr CT: Set 1200-5/1200-5	1200	1200	1200	1200	
Jumper : 500 MCM 37X CU	837	1033	1207	1334	
Disc : 65-714L	630 <	720 <	792 <	810	
Wave Trap	800	800	800	800 <	
Line Riser : 500 MCM 37X CU	837	1033	1207	1334	
Transfer Switch: 65-717	630	720	792	810	
Transfer Bus: 300 MCM 19X CU	608	745	872	961	
* 556.5 MCM 26X7 ACSR 176/176°F 19.49 mi.	742	742	1072	1072	
Transfer Bus: 300 MCM 19X CU	608	745	872	961	
Transfer Switch: 108-747	630	720	792	810	
Line Riser : 500 MCM 37X CU	837	1033	1207	1334	
Wave Trap	800	800	800	800 <	
Disc : 108-744L	630 <	720 <	792 <	810	
Jumper : 500 MCM 37X CU	837	1033	1207	1334	
Brkr CT: Set 1200-5/1200-5	1200	1200	1200	1200	
Breaker : 108-734	1200	1200	1200	1200	
Brkr CT: Set 1200-5/1200-5	1200	1200	1200	1200	
Riser : 500 MCM 37X CU	837	1033	1207	1334	
Switch : 108-744B	630 <	720 <	792 <	810	
Bus : 750 MCM 37X CU	1074	1333	1554	1722	
Limit:	Amps	630	720	792	800
	MVA	151	172	189	191

**LGE Energy LLC
Facility Rating Program (RJ)**

Summer Ambient 96.0000
Winter Ambient 23° F

**Pocket N to Pocket 161 kV line And Pocket 161/69 kV transformer
(203-808,70-608)**

Last Updated: 5/4/2005 (795 MCM 26X7 ACSR 176/176°F 0.14 mi.)

Wind Speed 2 MPH

Item Description	SN	SE	WN	WE
Pocket North				
Pocket 161 kV				
Main Bus: 4" AL TUBE 40 6063	2943	3821	4418	4983
Riser : 2-2½" AL TUBE 40 6063	3785	4840	5611	6294
Bus : 4" AL TUBE 40 6063	2943	3821	4418	4983
Switch : 203-808B	1260	1440	1584	1620
Jumper : 1272 MCM 45X7 ACSR	1212	1511	1765	1955
Brkr CT: Set 1200-5/2000-5	1200	1549	1200	1549
Breaker : 203-808	1600	1600	1600	1600
Brkr CT: Set 2000-5/2000-5	2000	2000	2000	2000
Jumper : 1272 MCM 45X7 ACSR	1212	1511	1765	1955
Switch : 203-808L	1260	1440	1584	1620
Line Riser : 1272 MCM 45X7 ACSR	1212	1511	1765	1955
* 795 MCM 26X7 ACSR 176/176°F 0.14 mi.	930	930	1349	1349
Line Riser : 2-795 MCM 26X7 ACSR	1861	2306	2697	2981
Switch : 70-803	1260	1440	1584	1620
Jumper : 556.5 MCM 26X7 ACSR	742 <	915 <	1072 <	1182 <
Limit: Amps	742	915	1072	1182
MVA	207	255	299	330
Pocket 161 kV				
Pocket 69 kV				
Xfmr CT: Set 2000-5/2000-5	2000	2000	2000	2000
Xfmr CT: Set 2000-5/2000-5	2000	2000	2000	2000
Transformer T-222 161 kV 187 MVA 65°C	671 <	771 <	871	904

Transformer T-222 69 kV 187 MVA 65°C	1565 <	1799 <	2033	2109
Xfmr CT: Set 2000-5/2000-5	2000	2000	2000 <	2000 <
Jumper : 2-1272 MCM 45X7 ACSR	2425	3021	3529	3910
Brkr CT: Set 2000-5/2000-5	2000	2000	2000 <	2000 <
Breaker : 70-608	2000	2000	2000 <	2000 <
Brkr CT: Set 2000-5/2000-5	2000	2000	2000 <	2000 <
Riser : 2-1272 MCM 45X7 ACSR	2425	3021	3529	3910
Switch : 70-608B	1680	1920	2112	2160
Bus : 3" AL TUBE 40 6063	2291	2949	3414	3839
Limit: Amps	671	771	2000	2000
MVA	187	215	239	239