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August 7, 2009

Via Hand-Delivery

Mr. Jeff Derouen  
Executive Director  
Public Service Commission  
211 Sower Boulevard  
Frankfort, Kentucky 40602

Re: PSC Case No. 2009-00106

Dear Mr. Derouen:

Please find enclosed for filing with the Commission in the above-referenced case an original and ten copies of the responses of East Kentucky Power Cooperative, Inc. ("EKPC") to the Second Data Request of Commission Staff, the Initial Requests for Information of the Attorney General ("AG"), and the First Set of Data Requests of the Sierra Club, Kentucky Environmental Foundation and Kentuckians for the Commonwealth (collectively, "Public Interest Groups"), all dated July 24, 2009.

Very truly yours,



David Smart  
General Counsel

Enclosures

Cc: Parties of Record

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

**In the Matter of:**

**2009 INTEGRATED RESOURCE PLAN OF EAST  
KENTUCKY POWER COOPERATIVE, INC.**

**) CASE NO.  
) 2009-00106**

**RESPONSES TO ATTORNEY GENERAL'S INITIAL REQUESTS  
FOR INFORMATION  
TO EAST KENTUCKY POWER COOPERATIVE, INC.  
DATED JULY 24, 2009**



**EAST KENTUCKY POWER COOPERATIVE, INC.**

**PSC CASE NO. 2009-00106**

**INITIAL DATA REQUEST RESPONSE**

**ATTORNEY GENERAL'S INITIAL DATA REQUEST DATED 07/24/09**

**REQUEST 1**

**RESPONSIBLE PERSON: Julia J. Tucker**

**COMPANY: East Kentucky Power Cooperative, Inc.**

**Request 1.** Please refer to the 2008 Load Forecast Report, page 21, Table 3.1. IRP's recently filed by other electric utilities forecast much more modest growth (0.8 - 1.0%) than is forecasted by EKPC in its 2009 IRP filing. As EKPC's current customer mix leans more toward residential than industrial or commercial, please explain in detail why EKPC expects its growth rate will be approximately twice as much as is forecasted by other electric utilities over the same time period. Please include in your discussion what factors EKPC believes are driving this higher forecasted growth rate.

**Response 1.** The major contributing factor for EKPC's growth rate being higher than some other utilities is due to the customer mix. As stated in Request 1, EKPC is mainly residential. Typically, each year, nearly 60% of EKPC's member systems' sales are to the Residential Class. Nationwide, utilities have seen significant declines in sales due to the economic impacts on the commercial and industrial classes. While the recession is starting to impact some of EKPC's member systems' commercial and industrial customers, the resulting change in the growth rate is small due to the sales to the Residential Class. Another contributing factor to EKPC's higher growth than the surrounding utilities is the location of EKPC's member cooperatives' territory. The investor owned utilities' territories are mostly saturated; therefore, the expected growth is

moving into the distribution cooperatives' territories. Once the economy has recovered, EKPC's member systems can reasonably expect to grow.



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**REQUEST 2**

**RESPONSIBLE PERSON: Julia J. Tucker**

**COMPANY: East Kentucky Power Cooperative, Inc.**

**Request 2.** With regard to the forecasted load growth rates for EKPC, please discuss what generation options the company considered to meet this increase in total energy requirements.

**Response 2.** EKPC considered the resource options listed in section 8.(2)(b), "Conservation and load management or other demand-side programs not already in place", on pages 8-8 through 8-12 and section 8.(2)(c), "Expansion of generating facilities, including assessment of economic opportunities for coordination with other utilities in constructing and operating new units", on pages 8-12 through 8-14 of EKPC's Integrated Resource Plan document dated April 21, 2009.



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**REQUEST 3**

**RESPONSIBLE PERSON: Julia J. Tucker**

**COMPANY: East Kentucky Power Cooperative, Inc.**

**Request 3.** Please discuss whether the company considered alternative or renewable energy generation sources or methods to meet the forecasted load growth and what specific alternative or renewable energy generation sources were considered along with the criteria used in the analysis.

**Response 3.** EKPC evaluated renewable energy resources, as discussed on pages 8-12 and 8-13 of EKPC's Integrated Resource Plan document dated April 21, 2009.



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**REQUEST 4**

**RESPONSIBLE PERSON: Julia J. Tucker**

**COMPANY: East Kentucky Power Cooperative, Inc.**

**Request 4.** With regard to the alternative or renewable energy generation sources or methods discussed in Question 3, please indicate whether the company considers any of the methods identified to be viable or reasonable. (The answer to this question should include copies of any cost benefit analysis if one was performed.) If any are considered viable to meet this forecasted load growth, please indicate which sources or methods the company intends to pursue along with an estimate of the generation capacity the company expects from the sources or methods identified.

**Request 4.** EKPC identified viable options from its analysis, as discussed on page 8-13, and continues to participate in discussions with the developers for these alternatives. Due to continued negotiations, details of these options are not currently available. EKPC's IRP plan does include a 30 MW power purchase agreement beginning in 2017 assumed to be provided from a biomass project.



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REQUEST 5**

**RESPONSIBLE PERSON: Julie J. Tucker**

**COMPANY: East Kentucky Power Cooperative, Inc.**

**Request 5.** Please indicate what generation sources or methods the company intends to pursue going forward to meet the forecasted increases in total energy requirements. Please include in the description the expected capacity of such sources, the fuel source, the year such generation is expected to be placed in service and the expected serviceable life of each generation source or method.

**Response 5.** The generation sources that EKPC expects to pursue going forward to meet the forecasted increases in total energy requirements are shown in Table 8.(4)(a)-2 on page 8-49 of EKPC's Integrated Resource Plan document dated April 21, 2009.



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**INITIAL DATA REQUEST RESPONSE**

**ATTORNEY GENERAL'S INITIAL DATA REQUEST DATED 07/24/09  
REQUEST 6**

**RESPONSIBLE PERSON: Julie J. Tucker**

**COMPANY: East Kentucky Power Cooperative, Inc.**

**Request 6.** Please describe each current generation source or method utilized by the company and its capacity. Please include in the description the fuel source, the year such generation source or method was placed in service and the expected serviceable life of each generation source or method.

**Response 6.** The current generation sources and their specific information are shown on Table 8.(3)(b)11-1 through Table 8.(3)(b)11-6 on pages 8-100 through 8-105 of EKPC's Integrated Resource Plan document dated April 21, 2009. EKPC has no plans to retire any of its generating units.