

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

2009 INTEGRATED RESOURCE PLAN OF) CASE NO.
KENTUCKY POWER COMPANY) 2009-00339

FIRST DATA REQUEST OF COMMISSION STAFF
TO KENTUCKY POWER COMPANY

Kentucky Power Company ("Kentucky Power"), pursuant to 807 KAR 5:001, is to file with the Commission the original and 10 copies of the following information, with a copy to all parties of record. The information requested herein is due on or before December 2, 2009. Responses to requests for information shall be appropriately bound, tabbed and indexed. Each response shall include the name of the witness responsible for responding to questions related to the information provided.

Each response shall be answered under oath or, for representatives of a public or private corporation or a partnership or association or a governmental agency, be accompanied by a signed certification of the preparer or the person supervising the preparation of the response on behalf of the entity that the response is true and accurate to the best of that person's knowledge, information, and belief formed after a reasonable inquiry.

Kentucky Power shall make timely amendment to any prior response if it obtains information which indicates that the response was incorrect when made or, though correct when made, is now incorrect in any material respect. For any request to which Kentucky Power fails or refuses to furnish all or part of the requested information, it shall

provide a written explanation of the specific grounds for its failure to completely and precisely respond.

Careful attention shall be given to copied material to ensure that it is legible. When the requested information has been previously provided in this proceeding in the requested format, reference may be made to the specific location of that information in responding to this request. When applicable, the requested information shall be separately provided for total company operations and jurisdictional operations.

1. Refer to pages 1-3 and 1-10 of Kentucky Power's 2009 Integrated Resource Plan ("IRP"). The second paragraph on page 1-3 under the heading "COMPANY OPERATIONS AND INTERRELATIONSHIP WITH THE AEP SYSTEM (807 KAR 5:058, Sec. 5.1)" reflects that Kentucky Power has continued to be a winter peaking system, as it has been historically. The last paragraph on page 1-3 shows that, although the AEP-East Zone has traditionally achieved its highest peak demand in the summer, its all-time summer and winter peaks of 22,413 and 22,270 MW, respectively, differ by less than one percent. Table 5 on page 1-10 indicates that the estimated load impacts of expanded Demand-Side Management ("DSM") programs for both the AEP-East Zone and Kentucky Power throughout the forecast period are heavily weighted toward reducing summer peak demand compared to reducing winter peak demand.

a. Given the immaterial difference between its all-time summer and winter peaks, explain why the estimated demand reductions for the AEP-East Zone's summer peak are roughly two and one-half times those of its winter peak.

b. With its all-time winter peak demand nearly 25 percent greater than its all-time summer peak demand, explain why Kentucky Power should plan or expect to

participate in DSM programs estimated to reduce its summer peak demand by three and one-half times the reduction in its winter peak demand (86 MW vs. 24 MW).

2. Refer to page 1-17 of the IRP, which indicates that Kentucky Power is expected to be a party to contracts for power from two 50-MW wind power projects within the next two years. Describe the extent to which Kentucky Power anticipates being involved in other non-utility generation projects during the same time period.

3. Refer to Section E.2. on pages 3-6 and 3-7 of the IRP. Provide the energy efficiency levels that have been mandated and are in place in Ohio and Michigan.

4. Refer to page 3-8, specifically, the last paragraph in Section E.4. and Exhibit 3-3 of the IRP.

a. Confirm whether the programs identified on the graph in the exhibit are the programs recommended in the Indiana Market Potential Study (“MPS”).

b. If the answer to part a. of this request is yes, provide the description from the Indiana MPS of each of the programs identified in the exhibit.

5. The DSM sections of utility IRP filings typically include the results of both qualitative and quantitative screening of potential DSM measures, cost-benefit analyses based on the “California Tests,” and an indication of the utility’s plans for implementing any of the measures in the future. Explain why Kentucky Power did not include any such screening and analyses in this IRP.

6. Identify and describe the net metering equipment and systems installed on each system. Also provide a detailed discussion of the manner in which such resources were considered in the Kentucky Power resource plan.



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DATED NOV 13 2009

cc: All Parties

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