

COMMONWEALTH OF KENTUCKY  
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

THE APPLICATIONS OF BIG RIVERS )  
ELECTRIC CORPORATION FOR: )  
(I) APPROVAL OF WHOLESALE TARIFF )  
ADDITIONS FOR BIG RIVERS ELECTRIC )  
CORPORATION, (II) APPROVAL OF )  
TRANSACTIONS, (III) APPROVAL TO ISSUE ) CASE NO. 2007-00455  
EVIDENCES OF INDEBTEDNESS, AND )  
(IV) APPROVAL OF AMENDMENTS TO )  
CONTRACTS; AND OF E.ON U.S., LLC, )  
WESTERN KENTUCKY ENERGY CORP., )  
AND LG&E ENERGY MARKETING, INC. )  
FOR APPROVAL OF TRANSACTIONS )

COMMISSION STAFF'S SUPPLEMENTAL DATA REQUEST TO  
ALCAN PRIMARY PRODUCTS CORPORATION AND  
CENTURY ALUMINUM OF KENTUCKY, GENERAL PARTNERSHIP

Alcan Primary Products Corporation ("Alcan") and Century Aluminum of Kentucky, General Partnership ("Century") (collectively "Smelters"), pursuant to 807 KAR 5:001, are to file with the Commission the original and 6 copies of the following information, with a copy to all parties of record. The information requested herein is due on or before March 6, 2008. 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 the 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 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.

Smelters shall make timely amendment to any prior responses if they obtain information which indicates that the response was incorrect when made or, though correct when made, is now incorrect in any material respect. For any requests to which Smelters fail or refuse to furnish all or part of the requested information, Smelters shall provide a written explanation of the specific grounds for their failure to completely and precisely respond.

Careful attention should 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 the response to the Commission Staff's First Data Request to Alcan and Century dated February 1, 2008, Item 4.

a. Concerning the additional capital investments planned by Alcan:

(1) How definite are Alcan's plans to rebuild the anode baking furnace and make annual investments to sustain existing operations?

(2) For how long has Alcan been planning to rebuild the anode baking furnace?

(3) Explain why Alcan's rebuild of the anode baking furnace is contingent upon the Commission's approval of the Unwind Transaction.

(4) Is Alcan's decision to rebuild the anode baking furnace contingent on the Commission's approval of the Unwind Transaction or upon the consummation of the Unwind Transaction? Explain the response.

b. Concerning the additional capital investments planned by Century:

(1) How definite are Century's plans to improve energy efficiency and make annual investments to sustain existing operations?

(2) For how long has Century been planning to make the energy efficiency improvements?

(3) Explain why Century's implementation of the energy efficiency improvements is contingent upon the Commission's approval of the Unwind Transaction.

(4) Is Century's decision to improve energy efficiency contingent on the Commission's approval of the Unwind Transaction or upon the consummation of the Unwind Transaction? Explain the response.

2. Assume for purposes of this question that the Commission approves the Unwind Transaction as proposed. After considering the Unwind Financial Model and based on what is known today, would Alcan and Century commit to remaining on the Big Rivers' system beyond 2011? Explain the response.

3. Refer to the Smelters' response to Commission Staff's First Data Request, Item 4.

a. Describe in detail Century's plans to invest approximately \$46 million during 2008-2009 to improve energy efficiency at its facility.

b. Will Century's energy efficiency projects result in a net reduction in Century's peak demand, total energy consumption, or load factor? If yes, explain in detail.

c. If yes to part (b) above, explain in detail how Century has considered the impact of that reduction in the formulation of its power contract with Big Rivers, and explain in detail whether this load reduction has been incorporated into Big Rivers' financial model.

4. Refer to the direct testimony of Henry W. Fayne, page 14, lines 15-17.

a. State how much money Western Kentucky Energy Corporation ("WKEC") has agreed to pay "at closing to offset the higher cost projected by Big Rivers through 2010 and 2011," the names of the entities who will receive this money, and the amounts that each will receive.

b. Explain in detail whether the sum of money to be paid by WKEC has been reflected in the Big Rivers' Unwind Model, and if so, explain where it is reflected.



Beth O'Donnell  
Executive Director  
Public Service Commission  
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DATED: February 25, 2008

cc: Parties of Record