

COMMONWEALTH OF KENTUCKY  
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

GREEN RIVER ELECTRIC CORPORATION	)	
TARIFF FILING FOR A TEMPORARY RATE	)	
TO ACCOMMODATE A PILOT PROGRAM	)	CASE NO. 93-313
FOR ELECTRICAL THERMAL STORAGE	)	

O R D E R

IT IS ORDERED that Green River Electric Corporation ("Green River") shall file an original and 12 copies of the following information with the Commission, with a copy to all parties of record. Each copy of the data requested should be placed in a bound volume with each item tabbed. When a number of sheets are required for an item, each sheet should be appropriately indexed, for example, Item 1(a), Sheet 2 of 6. Include with each response the name of the witness who will be responsible for responding to questions relating to the information provided. Careful attention should be given to copied material to ensure that it is legible. Where information requested herein has been provided along with the original application, in the format requested herein, reference may be made to the specific location of said information in responding to this information request. The information requested herein is due no later than November 5, 1993.

1. According to the Appendix to Green River's proposed tariff, Green River will bear the cost of the electric thermal storage ("ETS") units for the selected test customers.

a. Explain why Green River is assuming all costs for the ETS units.

b. Provide detailed cost information on the expenditures which will be incurred.

2. a. What will be the disposition of the ETS units once the test is completed?

b. How will the cost of the units be returned to Green River's customers?

3. a. Explain how customers will be selected to participate in the experimental programs.

b. List all criteria to be used to select participants.

c. State how Green River is notifying its customers of the program and the possibility of their participation.

d. Explain why customers with other types of supplemental heating, such as portable electric or gas space heaters, are not eligible for the experimental program.

e. Identify which Green River personnel will select the program participants.

f. Explain how Green River determined that the installation of only 25 ETS units will provide adequate information relative to building off-peak energy utilization.

4. Provide any technical information currently available to Green River on the performance of ETS, particularly in comparison with portable electric space heaters.

5. a. Identify the ETS units which will be used (model, manufacturer).

b. Provide all technical literature on the selected ETS unit.

c. Explain why Green River selected this unit.

d. State the terms of all manufacturer's warranties on the selected ETS unit.

e. (1) Identify from whom Green River will be purchasing the ETS units.

(2) Describe the relationship, if any, which Green River has with the supplier of the ETS units.

(3) Describe the relationship, if any, which Green River has with the ETS certified installer.

f. When selecting the ETS unit, did Green River use a competitive bid process? If a bidding process was used, provide a copy of the proposal for bids and the bid tabulation.

6. a. Describe the research which Green River has currently conducted on ETS units.

b. (1) State whether Green River has contacted other electric utilities in Kentucky which provide special rates for ETS units for information.

(2) If yes:

(a) identify these utilities,

(b) state whether the information from these programs has been reviewed, and

(c) explain how such information has been incorporated into Green River's pilot program.

c. Explain whether Green River has reviewed or attempted to review load and peaking data from other electric utilities which are involved with ETS units. If yes, explain why Green River could not use that information instead of conducting this experiment.

7. Describe what arrangements, if any, Green River has made to service the ETS units which are part of the pilot project.

8. Green River has stated this experiment is to provide data relative to building off-peak energy utilization. Since the experiment does not focus on load shifting or peak shaving for existing electric customers, explain in detail why the pilot program constitutes a conservation or demand side management activity, rather than a promotional activity by Green River.

Done at Frankfort, Kentucky, this 21st day of October, 1993.

PUBLIC SERVICE COMMISSION

  
For the Commission

ATTEST:

  
Executive Director