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### INTRODUCTION:

In Administrative Case Number 353, the Kentucky Public Service Commission ("Commission") ordered all electric utilities under its jurisdiction to establish energy curtailment procedures to be used in the event that customer demand appears likely to exceed the utility's available supply of energy.

#### PURPOSE:

The purpose of this plan is to provide guidelines for reducing the use of electric energy on Salt River Electric Cooperative Corporation's ("Salt River") distribution system in the event of energy deficiencies due to coal shortages, capacity deficits, mechanical failures and other emergency situations.

### PRIORITY LEVELS:

For the purpose of this plan, the following priority levels have been established:

### Level 1 - Essential Health and Safety Uses:

Essential health and safety uses given special consideration in this plan shall, insofar as the situation permits, include the following types of use and such other uses which may be subsequently identified:

- (a) "Hospitals", which shall be limited to institutions providing medical care to patients.
- (b) "Life Support Equipment", which shall be limited to kidney machines, respirators, and similar equipment used to sustain the life of a person.
- (C) "Police Stations and Government Detention Institutions", which shall be limited to essential uses required for police activities and the operation of facilities used for the detention of persons. These uses shall include casential street, highway and signal lighting systems. FKENTUCKY

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- (d) "Fire Stations", which shall be limited to facilities housing mobile fire fighting apparatus.
- (e) "Communications Services", which shall be limited to essential uses required for telephone, telegraph, television, radio and newspaper operations.
- (f) "Water and Sewage Services", which shall be limited to essential uses required for the supply of water to a community, flood pumping and sewage disposal.
- (g) "Transportation and Defense Related Services", which shall be limited to essential uses required for the operation, guidance control and navigation of *c*ir, rail and mass transit systems, including those uses essential to the national defense and operation of state and local emergency services.
- (h) "Other Energy Source Services", which shall be limited to essential uses required for the production, transportation, transmission and distribution, for fuel, of natural or manufactured gas, coal, oil or gasoline.
- manufactured gas, coal, oil or gasoline.
  (i) "Perishable Food or Medicine", which shall be limited to refrigeration for the storage and preservation of perishable food or medicine, when that use is substantially all of the customer's load.

Although these types of uses will be given special consideration when implementing the load curtailment provisions of this plan, these customers are encouraged to install emergency generation equipment if continuity of service is essential. In the event a customer is supplied from two or more utility sources, only one source will be given special consideration. Also, any other customers who, in their opinion, have critical equipment should install emergency generation equipment.

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## Level 2 - Residential Uses:

This level includes energy use for all purposes by Salt River customers receiving service under its residential rate schedules with the exception of those uses classified as Level 1 or Level 4 as defined by this plan.

## Level 3 - Commercial and Industrial Uses:

This level includes energy use for all purposes by Salt River customers receiving service under its commercial and industrial rate schedules with the exception of those uses classified as Level 1 or Level 4 as defined by this plan.

## Level 4 - Nonessential Users:

This level includes the following types of use, as well as similar uses, for all customers and such other uses which may be subsequently identified:

- (a) Outdoor flood and advertising lighting, except for the minimum level to protect life and property, and a singly illuminated sign identifying commercial facilities when operating after dark.
- (b) General interior lighting levels greater than minimum functional levels.
- (c) Show window and display lighting.
- (d) Parking lot lighting above the minimum functional levels.
- (e) Energy use greater than that necessary to maintain a temperature of not less than 78 degrees during the operation of cooling equipment and not more than 65 degrees during the operation of heating gruipment.

# (f) Elevator and escalator use in excess of Nthe minimum required for non-peak hours of use.

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(g) Energy use greater than that which is the minimum required for lighting, heating or cooling of commercial or industrial facilities for maintenance cleaning or business related activities during non-business hours.

## IMPLEMENTATION:

The provisions of this plan will be implemented only when a state of emergency or disaster has been declared by the appropriate authority. This plan will be carried out to the extent not prohibited by contractual commitments or by order of the regulatory authorities having jurisdiction. The mandatory energy curtailment provisions of this plan will be implemented only upon the order of the Governor of the Commonwealth of Kentucky or other duly constituted authority. In the event of any such order, Salt River will assume no liability as to the consequences of complying with said order in regards to life, health or property.

## PROCEDURES:

In the event of a potential electric energy deficiency, East Kentucky Power Cooperative, Inc. ("EKPC") shall issue a Load Reduction Alert. After Salt River has received said alert, the following steps will be carried out to the extent not prohibited by contractual commitments or by order of the regulatory authorities having jurisdiction. When the curtailment level is met, no further action will be required unless the load curtailment level is updated or additional loads are experienced.

- A. Steps to be initiated upon receipt of an EKPC Load Reduction Alert:
  - 1. Decide the extent of the emergency and estimate the amount of curtailment required.
  - Curtail electric energy use by customers on interruptible contracts to a maximum number of hours of use den week as negotiated within the context of the contract provide SERVICE COMMISSION

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SALT RIVER ELECTRIC NAME OF ISSUING CORPORATION	FOR <u>ENTIRE AREA SERVED</u> Community, Town or City P.S.C. No. 9 9
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- 3. Curtail the use of energy in all of Salt River's facilities.
- 4. Through use of the news media and direct customer contact, appeal to all customers to voluntarily reduce their use of electric energy as much as possible, and in any case endeavor to reduce the nonessential use of electricity (Priority Level IV) by at least 25%.
- 5. If deemed a feasible and viable measure at the time, utilize voltage reduction as a means of reducing energy requirements.
- B. Steps to be initiated if curtailment levels are not met via the preceding steps.
  - 1. Through use of the news media and direct customer contact, advise all customers of the forthcoming program. Establish an effective means of answering specific customer inquiries concerning the impact of the program on the availability of electric energy.
  - Implement the mandatory curtailment of electric energy use to all customers as indicated below:
    - (a) Priority Level IV 100%
    - (b) Priority Level III 25%
    - (c) Priority Level II 15%
- C. Steps to be initiated if curtailment levels are not met via the preceding steps.
  - 1. Through use of the news media and direct customer contact, advise all customers of the forthcoming program.
  - 2. Implement the mandatory curtailment of electric energy use to all priority levels (including Priority Level I) at a minimum service level that is not greater than that required for protection of human life and safety, protection of physical plant facilities, and employees' security.

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- D. Steps to be initiated if curtailment levels are not met via the preceding steps.
  - 1. Through use of the news media and direct customer contact, advise all customers of the forthcoming program.
  - Implement procedures for the interruption of selected distribution circuits on a rotational basis, while minimizing, to the extent practicable, interruptions to Priority Level I.

## **ENFORCEMENT:**

Salt River will make every reasonable effort to ensure that customers comply with the curtailment provisions of this plan. If a customer fails to comply, said customer will be given a verbal and written warning to curtail their use of electric energy within 24 hours or face the possibility that their electric service may be disconnected. If said customer fails to comply after being given such notice, the customer's electric service will be disconnected for the duration of the state of emergency or disaster.

### TERMINATION OF CURTAILMENT:

The curtailment provisions of this plan shall be terminated upon cancellation of the EKPC Load Reduction Alert. PUBLIC SERVICE COMMISSION

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### RESPONSIBILITY:

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