

20 October 1999

Directorate of Installation Support

PLAN FOR CURTAILMENT OF ELECTRICAL USAGE

Summary. This regulation prescribes policies and procedures for the curtailment of electrical usage.

Applicability. This regulation is applicable to all elements of the U.S. Army Intelligence Center and Fort Huachuca (USAIC&FH) and partner activities, including residents and visitors.

Supplementation. Supplementation of this regulation is prohibited except upon approval by ATZS-ISU.

Suggested Improvements. The proponent of this regulation is the Directorate of Installation Support (DIS). Users are invited to send comments and suggested improvements on DA Form 2028 (Recommended Changes to Publications and Blank Forms) to Commander, USAIC&FH, ATTN: ATZS-ISU, Fort Huachuca, Arizona 85613-6000.

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1. Purpose. This regulation establishes a Plan for Curtailment of Electrical Energy Usage at Fort Huachuca. The character of any forthcoming electrical energy curtailment is unknown as to the amount and duration of curtailment required and the portion of the day in which it will occur. These factors will influence the specific and continuing actions taken to reduce electrical load, and it is understood that the following Contingency Plan may require modification as dictated by the situation of the moment throughout the curtailment. The plan presents phased response

*This regulation supersedes HQ FH Regulation 420-10, 19 March 1979

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actions to a required curtailment. If a required curtailment is due to lack of capacity of the power net to support abnormal peak loads, the curtailment should be moderate and duration will probably be less than eight hours within a 24-hour period. In this case, we can expect advance warning. If the curtailment is the result of a failure within the power net, we may expect little or no advance warning, and the curtailment may be more severe and of longer duration.

2. Responsibilities.

The Directorate of Installation Support (DIS) will implement and supervise this plan to ensure that electrical energy usage is curtailed without affecting those activities necessary to the mission of the post. Will also advise the Garrison Commander on the status and necessary actions required in accordance with procedures.

3. Policy. The phase step of curtailment taken will be the direct result of the percentage of curtailment requested by the electric utility company supplying service.

a. Phase I: These actions will be taken for a required electrical power curtailment of up to 20 percent.

b. Phase II: These actions will be taken for a required curtailment of 20 percent above those affected by phase I actions (30 percent total).

c. Phase III: These actions will be taken for a required curtailment of 20 percent above those affected by Phase I and Phase II actions (40 percent total).

d. Phase IV: Any curtailment above 40 percent.

4. Procedures.

a. Upon notification of DIS by the electric utility company supplying service, that curtailment of usage of electricity on post must be effected. Details will be elicited from the utility company to determine the amount or percentage of curtailment required the starting time and probable duration of the curtailment, the cause of the required curtailment, and the extent of curtailments being effected by other customers of the utility company. Arrangements will be made at this time for a specific re-contact with the utility company during the curtailment period to update information and obtain results of actions taken.

b. The DIS will immediately notify the Garrison Commander of the particulars of the curtailment requirements and assemble DIS personnel to effect the required actions.

c. A person equipped with an engineer net radio will immediately be stationed at the Main Substation to monitor the utility company's meters to observe the results of load reduction measures taken to furnish guidance as to the need of additional measures. The following phased steps will be taken as necessary in the order listed until the load is reduced to the level required.

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(1) Phase I.

(a) Request the Garrison Operations Center (GOC) notify all major commands and elements on post of the requirement to curtail electrical usage and with the request for all of their operations to comply by reducing lighting to that which is essential, and shutting down equipment or appliances that are not immediately mission essential (including comfort cooling equipment).

(b) Put Automatic Data Processing (ADP), Communications Center, and Libby Army Airfield on emergency generator power.

(c) Stop all irrigation operations for the duration of the curtailment period.

(d) Stop well pumping operations and reduce Wherry Booster Station to two operating pumps maximum and the Old Post Booster Station to one operating pump.

(2) Phase II. Request the GOC notify all units on Fort Huachuca of the requirement to cease all irrigation and reduce electrical usage to minimum needs. Unit Commanders would then advise all their personnel living in quarters and barracks of this requirement. Once the emergency has passed, this same procedure would be utilized.

(3) Phase III.

(a) Dismiss Accommodation Schools and reduce building electrical usage to that essential to security. (Effective only if curtailment occurs while school is in session.)

(b) Shut down the chiller units in bachelor officer's quarters and barracks, buildings numbers 31122, 43083, 51001, 51005, and 52204, Post Exchange, and Greely Hall (except those serving ADP and Communications Centers in Greely Hall).

(4) Phase IV. Further required curtailment may involve closing of some operations and will be decided upon in light of the magnitude and duration of further requirements at the time. Measures subject to consideration are: turning off street lights; closing Lakeside, La Hacienda, and service clubs; cut off television cable transmission; closing the Commissary, Post Exchange, theaters, etc., and curtailing operations to emergency levels and dismissing employees accordingly.

d. At the termination of the curtailment period, DIS personnel will re-start equipment they took out of operation, and other participants will be notified by the Garrison Operations Center of the termination of curtailment requirements.

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(ATZS-IMO-IP)



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