



# **EMERGENCY SUPPORT FUNCTION #12**

## **ENERGY ANNEX**

### **PRIMARY AGENCY:**

State: Corporation Commission

### **SUPPORT AGENCIES:**

State: Department of Administration  
Division of Emergency Management  
National Guard  
Power Authority  
Department of Water Resources  
Department of Commerce

Federal: Department of Energy

Private: Public/private utility companies

## **I. INTRODUCTION**

### **A. Purpose**

Describe procedures to restore the state's energy systems critical to saving lives and protecting health, safety and property, and enabling other ESFs to respond.

### **B. Scope**

1. Gather, assess and share information on energy system damage and estimations on the impact of energy system outages.
2. Coordinate requests for assistance from local energy officials, suppliers and deliverers.

## **II. SITUATION AND ASSUMPTIONS**

- A.** Emergencies/disasters may cause shortages in energy supplies by disrupting transmission or fuel supply levels, or increasing energy use.
- B.** Energy emergencies can include acute shortages caused by power outages and flow disruptions and chronic shortages caused by panic buying of fuels/electricity.
- C.** Fuel shortages can be caused by imbalances in supply and distribution.
- D.** A shortage of energy in one form can cause shortages in other sources.
- E.** The only energy resource the state is self-sufficient in is electricity. All other energy supplies must be imported.

- F. National/statewide rationing or strict conservation may be employed.
- G. Damage to an energy system in one geographic region may affect energy supplies in other regions that rely on the same delivery systems. Energy supply and transportation problems can be intrastate, interstate and international.
- H. This ESF applies to the production, refinement, transportation, generation, transmission, conservation, building and maintenance of energy systems and components.

### **III. CONCEPT OF OPERATIONS**

#### **A. Sources of warning include:**

- 1. News media reports on:
  - a. International conditions indicating an eminent oil embargo;
  - b. Refinery reports that crude oil or product storage levels are low; and
  - c. Reports on impending shutdowns of power plants.
- 2. United States Department of Energy (DOE) statements and predictions.
- 3. Arizona Department of Commerce Energy Office (AEO) and Arizona Corporation Commission (ACC) statements and predictions.

#### **B. Countermeasures include:**

- 1. Coordinating fuel movement into shortage areas, equitable resource distribution and power restoration.
- 2. Providing social services for immediate and direct relief of human hardships (e.g., unheated/uncooled homes, no gas or electricity for refrigeration/cooking, and unemployment due to business shutdowns).
- 3. Reducing energy consumption by prohibiting the use of electricity for nonessential purposes, reducing speed limits, shortening work weeks or intensively promoting conservation.

### **IV. ORGANIZATIONAL ROLES AND RESPONSIBILITIES**

#### **A. State Government**

- 1. **AEO will:**
  - a. Monitor energy related issues to preclude a surprise energy shortage;
  - b. Work closely with ACC on pipeline and railroad issues that may affect energy status;
  - c. Coordinate with the DOE and develop procedures for responding to national/regional energy shortages; and

- d. Provide representation in the SEOC.
- 2. **ACC** will:
  - a. Keep ADEM and the AEO informed of pipeline and railroad problems that may cause or contribute to an energy crisis.
  - b. Serve as liaison to regulated monopoly utility companies.
  - c. Provide a representative to the SEOC if requested by the Director, ADEM.
  - d. Provide assistance/guidance to other state agencies.
- 3. **ADEM** will:
  - a. Activate the SEOC;
  - b. Inform AEO of any development during an emergency/disaster that may affect energy status;
  - c. Work to decide if this ESF should be activated and a request made for activation of the Federal Response Plan (FRP) ESF # 12; and
  - d. Provide information to county/local governments on the status of the energy crisis and measures required to cope with the situation.
- 4. **Department of Administration, Power Authority, Department of Water Resources** and other state agencies will provide:
  - a. Assistance in the alleviation of the energy shortage.
  - b. Representation in the SEOC.

**B. County and local governments will:**

- 1. Analyze county/local vulnerability to an emergency shortage; and
- 2. Plan for county/local energy shortages.

**C. Federal DOE will:**

- 1. Implement ESF #12 of the FRP if an emergency shortage develops which cannot be alleviated by the state; and
- 2. Inform AEO of any incidents which may affect the status of state energy supplies.

**D. Public/private utility companies** will coordinate with and assist state/county/local government during an energy crisis.

**V. PLAN DEVELOPMENT AND MAINTENANCE**

ADEM, ACC and AEO will maintain this ESF.