

# **STATE OF OHIO EMERGENCY OPERATIONS PLAN**



## **EMERGENCY SUPPORT FUNCTION #12 ENERGY**

### **COORDINATING AGENCY**

Public Utilities Commission of Ohio

### **PRIMARY AGENCY**

Public Utilities Commission of Ohio

**OHIO EMERGENCY OPERATIONS PLAN  
EMERGENCY SUPPORT FUNCTION #12**

**ENERGY**

**COORDINATING**

**AGENCY:** Public Utilities Commission of Ohio (PUCO)

**PRIMARY AGENCY:** Public Utilities Commission of Ohio (PUCO)

**SUPPORT AGENCIES:** Ohio Development Services Agency (ODSA)  
Ohio Department of Transportation (ODOT)

**I. INTRODUCTION**

- A. The primary and support agencies to this plan will coordinate with energy utilities; fuel producers, distributors and transporters; rural and municipal energy providers; and related governmental and private organizations to provide information for state-level assessment, response and recovery operations related to fuel shortages, power outages, and capacity shortages that may impact Ohio citizens during disasters.
- B. The primary and support agencies to this plan will provide information on the transportation of fuel, sources for the provision of emergency power to support immediate response operations, and the restoration of normal energy supplies to energy-affected communities.
- C. Depending upon the requirements of the disaster, primary and support agencies to this plan may address the following mission areas:
  - 1. Liaison with councils; associations; energy utilities; fuel producers and transporters; utility co-operatives; and municipal utilities.
  - 2. Assess energy system damage, energy supply, energy demand and restoration needs of investor-owned energy systems.
  - 3. In coordination with ESF-7, assist local and state emergency organizations in identifying energy and fuel resources needed for emergency operations.
  - 4. Recommend fuel-saving actions.
  - 5. Coordinate with local, state, and federal ESF-12 organizations in providing energy information and conservation guidance.

6. Provide points of contact for energy- and fuel-related information for the State of Ohio during disasters.
7. Relay energy industry policies for energy restoration priorities.
8. Document fuel and power assistance requests from local EOCs and state ESFs that are received through the Ohio Emergency Operations Center (Ohio EOC).

## **II. SITUATION**

### **A. Energy and fuel shortages may be the result of the following conditions:**

1. Energy and fuel distribution shortfalls, which can be the result of extreme weather conditions, like tornadoes, floods, blizzards, and severe storms.
2. Energy and fuel generation capacity shortfalls due to unusually high demand or unplanned fuel generation/distribution outages/interruptions.
3. Interruptions in the supply of natural gas, petroleum fuels, propane, heating oil, and coal may result from natural hazards, strikes, explosions, terrorism or international embargoes.

### **B. Assumptions**

1. During disasters, energy generating capacity, and the ability to transmit, distribute and transport energy and fuel may fall below customer demands.
2. Energy utilities and fuel providers will provide accurate and timely reporting of utility customer outages, fuel shortages and repair time estimates.
3. Hazardous conditions may delay energy system restorations.
4. Communications and traffic signals may be affected by power failures, affecting public health and safety services, logistics and overall response to the disaster site.
5. Fuel hoarding may result if the public perceives the possibility of prolonged fuel scarcity.
6. Water pressure systems may be low or may fail, affecting facilities essential to health and safety.
7. Damaged areas may not be readily accessible.

### III. CONCEPT OF OPERATIONS

- A. ESF-12's Primary Agency is the Public Utilities Commission of Ohio (PUCO). The Primary Agency coordinates the assignment of responsibilities that are assigned to the ESF through the Ohio Emergency Operations Center, leads the reporting of actions that are carried out under the ESF during formal briefings, and maintains an overview of statewide energy operations during emergencies. The Primary Agency may defer any of these roles to a Support Agency as needed.
- B. The Ohio Development Services Agency (ODSA) and the Ohio Department of Transportation are Support Agencies to the Plan.
- C. Overview
  - 1. When needed, ESF-12 Agencies will establish contact and maintain on-going communications with energy utilities, energy suppliers, energy transporters, and related organizations in order to obtain damage assessment, repair needs, repair schedules and response activities with respect to energy generation and distribution in affected areas.
  - 2. ESF-12 Agencies will identify, when necessary, energy-related programs, logistical support resource support sources and coordination that could be provided by the State or other sources; to the state or to local jurisdictions, and by the federal agencies to facilitate recovery.
  - 3. ESF-12 will identify, as possible, unmet energy needs of disaster survivors, and will coordinate with Ohio EOC response agencies and other state ESFs to address these needs.
  - 4. ESF-12 agencies will liaison with industry personnel to conduct damage assessments, to coordinate with federal agencies, to document survivor needs, and to provide intelligence from the incident site(s).
  - 5. ESF-12 agencies will document and inform Ohio EOC personnel of energy-related issues and requests for assistance that have been received from energy suppliers and distributors and from state and local jurisdictions and organizations.
  - 6. ESF-12 agencies will, when possible, coordinate energy-related disaster response information with the Ohio EOC's Joint Information Center (JIC) before release to the media.
  - 7. ESF-12 agencies will identify energy-related recovery actions that need to be addressed and will develop on-going strategies for meeting energy needs.

## D. Relationship Between Levels of Government

### 1. Federal

- a During presidentially-declared emergencies, the following federal agencies may be activated to assist in state-level response and recover operations:
  - i. Department of Energy (Primary Agency)
  - ii. Department of Agriculture
  - iii. Department of Defense
  - iv. Department of the Interior
  - v. Department of State
  - vi. Department of Transportation
  - vii. National Communications System
  - viii. Nuclear Regulatory Commission
  - ix. Tennessee Valley Authority
- b As needed, ESF-12 agencies will interface with activated federal ESF-12 agencies during assessment, response and recovery operations to ensure coordinated activities between the state- and federal-level operations and to provide support to federal ESF-12 agencies for missions that are beyond State-level capabilities.

### 2. State

- a ESF-12 agencies will maintain communication with energy and fuel utilities, suppliers, associations and related organizations throughout the state of Ohio.

### 3. Local

- a Local-level requests related to energy will be directed by the Ohio EOC Controller to ESF-12.
- b ESF-12 will document energy-related requests made by local response organizations and coordinate within the EOC, with private industry, and with the federal ESF-12 Team to coordinate unmet energy needs.

- 4. The Comparison Chart, below illustrates the relationships between agencies at the federal, state and local level for ESF-12 response.

<u>Local Organizations</u>	<u>State Organizations</u>	<u>Federal Organizations</u>
County Engineers/Local service providers	Public Utilities Commission of Ohio	U.S. Department of Energy U.S. Department of the Interior U.S. Department of Defense U.S. Department of Agriculture
County Engineers	Ohio Department of Transportation	U.S. Department of Transportation
Local EMAs	*	Department of Homeland Security National Communications System
*	Ohio Development Services Agency	*
*	*	U.S. Department of State
*	*	Nuclear Regulatory Commission
*	*	Tennessee Valley Authority

\* There is no comparable state or local organization at this level of government that corresponds to other listed agencies.

#### **IV. ORGANIZATION AND ASSIGNMENT OF RESPONSIBILITIES**

##### **A. Organization**

1. The Public Utilities Commission of Ohio is the Coordinating Agency for ESF-12, and will be responsible for working with this ESF's Support Agencies to ensure that there is a seamless integration of, and transition between preparedness, response, and recovery activities. The Coordinating Agency's primary responsibility will be to focus on engaging Support Agencies in pre-incident planning and coordination opportunities.
2. The Public Utilities Commission of Ohio is the Primary Agency for ESF-12, and will take the lead in coordinating and reporting on ESF-12-related missions and operations.
3. ESF-12 agencies will be activated through the State EOC for assessment, response, and recovery operations based on the needs of the emergency. Primary and Support Agencies will coordinate with one another to ensure the most effective use of personnel and equipment, to avoid redundant activities, and to cooperate on emergency response missions.
4. All agency-based resources will be provided as they are needed, as they are available, and as agencies are able to provide them.
5. The activation of state-level response agencies through the State EOC will be dependent on an incident's type and magnitude. Minor incidents might be

adequately addressed locally, while larger incidents might necessitate the activation of the State EOC's assessment, response and recovery faculties and the creation and completion of missions for and by State-level agencies through the State EOC.

6. Support agencies to this plan will provide support, personnel, advice, and equipment to local and state agencies and responders.
7. Additional state-level agencies that are not listed in this plan may provide additional support based on incident needs.

B. The following organizations have these specific responsibilities in this plan.

1. Public Utilities Commission of Ohio

- a. Provide leadership and a coordinated overview of statewide electricity and fuel usage, emergency activities, energy needs, and repair status during state emergency response and recovery operations.
- b. As able, coordinate the accurate and timely reporting of customer outages, fuel shortages and repair time estimates.
- c. Interface with federal ESF-12 as required during emergencies.
- d. Staff the Ohio EOC in order to seek resolution to problems within the scope of energy emergency rules.
- e. Maintain an internal Standard Operating Procedure (SOP) that addresses the following:
  - 1) 24-hour notification procedure for staff
  - 2) Internal energy (electricity and fuel) response procedures and strategies
  - 3) Management assignments during state assessment, response, and recovery operations.
  - 4) Guidelines and forms necessary for implementation of ESF-12 energy response.

2. Ohio Development Services Agency
  - a. Facilitate communications with Community Action Agencies (CAA) at disaster sites to determine the following:
    - 1) Number of households requiring energy assistance
    - 2) Types of energy assistance needed by disaster victims.
    - 3) Deficiencies in local energy programs and capabilities that could be addressed by state or federal assistance.
3. Ohio Department of Transportation
  - a. During emergencies and within statutory authorities, provide resources to assist energy utilities in gaining access to power lines and other power generating and transmission equipment to repair lines and restore service to their customers.

**V. RESOURCE REQUIREMENTS OF ESF-12**

- A. Resources needed to support effective operations are addressed in the Standard Operating Procedures and resource listings of the Support Agencies to this plan.