

HAMILTON COUNTY EMERGENCY OPERATIONS PLAN

ANNEX L - EMERGENCY SUPPORT FUNCTION #12 — ENERGY

COORDINATING: Hamilton County Engineer's Office

SUPPORT: Duke Energy/Local Public Utility Companies
Hamilton County Facilities Management
Hamilton County Sheriff's Office
Hamilton County Environmental Services

I. PURPOSE

- A. The purpose of Emergency Support Function (ESF) #12 — Energy, is to provide for the coordination of emergency utility services. The primary and support organizations of ESF #12 coordinate with energy utilities and related governmental and private organizations to provide information for county-level assessment, response and recovery operations related to fuel shortages, power outages, transmission /distribution problems, and capacity shortages that may impact Hamilton County citizens during disasters.

Each ESF representative is responsible for the dissemination of information that may be of value to other ESF representatives located in the ROC. This information sharing contributes to the response and recovery during an emergency/disaster of any type.

- B. ESF #12 also provides information available 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. ESF #12 coordinates and supports county wide utility resources in response and recovery efforts of local governments and other ESFs. ESF #12 helps utility suppliers coordinate resources and supplies public information.
- D. ESF #12 collects, evaluates, and shares information on energy system damage and estimations on the impact of energy system outages within affected areas. Additionally, ESF #12 provides information concerning the energy restoration process such as projected schedules, percent completion of restoration, and geographic information on the restoration.
- E. Depending upon the requirements of the disaster, ESF #12 may also address the following:
1. Liaison with councils and associations representing energy providers. Assessing energy system damage, energy supply, energy demand and restoration needs of investor-owned energy systems.
 2. Assisting local, county, and state emergency organizations in identifying energy needed for emergency operations with businesses that provide/offer such products.
 3. Recommending actions to save energy.
 4. Coordination with local, county, state, and federal ESF #12 in providing energy information and conservation guidance.
 5. Acting as the point of contact for energy information for Hamilton County during disasters.
 6. Relaying energy industry policies for energy restoration priorities.

7. Documenting energy assistance requests received from local Emergency Operations Center (ROC), incident commanders, emergency responders, and other ESFs processed through the Hamilton County ROC.

II. SITUATION AND ASSUMPTIONS

A. Situation:

Energy shortages may be the result of the following conditions:

1. Generation capacity shortfalls, which can be the result of extreme weather conditions, such as tornadoes, floods, blizzards, and severe storms.
2. Generation capacity shortfalls due to unusually high demand or unplanned generating outages.
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, generating capacity may fall below customer demand.
2. Hazardous conditions may delay energy system restorations.
3. Communications and traffic signals may be affected by power failures, affecting public health and safety services, logistics and overall response to the disaster site.
4. There may be hoarding of fuel if the public perceives prolonged energy scarcities.
5. Water pressure systems may be low or zero, affecting facilities essential to health and safety.
6. Damaged areas may not be readily accessible.
7. All major utilities will have service outages.
8. In the first hours after a disaster, all available portable generators will be committed and additional resources will be needed. These additional resources will need to be prioritized and possibly shared between agencies.

III. CONCEPT OF OPERATIONS

A. Overview

1. The Hamilton County Engineer Office is responsible for activating ESF #12 and will be the Coordinating Agency. Primary and Support Agencies for ESF #12 will coordinate with each other in the Hamilton County ROC and/or the Disaster Field Office (DFO) to ensure the most effective use of personnel and equipment.
2. ESF #12 personnel will coordinate communication between Duke Energy and the jurisdictions, following the procedures outlined in the HCOEM's Emergency SOG - "Emergency Power Outage Notification and Communication" SOG.(Future)
3. ESF #12 personnel will begin communications with the local utilities and notification of additional personnel for situation monitoring and staging of resources and personnel.

4. Each agency will assist ESF #15 — Public Information with providing public advisories to conserve energy, energy outages and other issues will be provided for dissemination utilizing all available means.
 5. In the ROC, ESF #12 will establish contact, when necessary, and maintain on-going communications with energy generators, suppliers, transporters, and related organizations in order to obtain information about damage assessment, repair problems, repair schedules and response activities with respect to energy in the disaster area.
 - a. ESF #12 will identify, when necessary, energy-related programs, logistical support, resource support, and coordination that could be provided by the county, state or by the federal ESF #12 agencies to facilitate recovery.
 - b. ESF #12 will identify, to the extent available, unmet energy needs of disaster victims and coordinate with ROC organizations and other county and state ESFs to address these needs.
 - c. ESF #12 will liaison with industry personnel at the disaster site as needed to conduct damage assessment, to coordinate with the state and/or federal ESF #12 agencies, to document needs of victims and provide intelligence from the disaster site in energy-related matters.
 - d. ESF #12 will document and inform ROC personnel of energy-related problems and requests for aid that have been received from energy suppliers and distributors and from county, state and local organizations in the disaster area.
 - e. ESF #12 will coordinate energy-related disaster information with the Hamilton County Public Information Officer (PIO) before release to the media.
 - f. Forecast energy needs based on current and future recovery activities.
 6. HCEM/HS will maintain a Critical Facilities master list for Hamilton County (Currently maintained by Fusion Center)
- B. Relationships between Levels of Government
1. Federal
 - a. Coordination with federal ESF #12 may occur in the Hamilton County ROC, Ohio EOC, at the site of the emergency and/or in the Disaster Field Office (DFO).
 - b. The state ESF #12 will interface with the federal ESF #12 during assessment, response and recovery operations in order to ensure coordinated activities between the state and federal teams with energy-related missions.
 2. State
 - a. The state ESF #12 will maintain communications with energy utilities, suppliers, associations and related organizations throughout the state of Ohio.
 3. Local
 - a. The Regional Operations Center will direct local-level requests related to energy to ESF #12 for action.

- b. ESF #12 will document energy-related requests made by local response organizations and coordinate within the ROC, with local utilities, and with the state and federal ESF #12 to coordinate unmet energy needs.

IV. ORGANIZATIONS AND ASSIGNMENT OF RESPONSIBILITIES

All ESF #12 organizations are responsible for development of internal Standard Operation Guidelines (SOG) that support ESF #12 and ROC operations.

A. The lead agency for ESF #12 is the Hamilton County Engineer's Office. The lead agency acts as the spokesperson for the team on energy issues and maintains an overview of countywide energy operations during emergencies. The lead agency may defer to support organizations for briefings and information releases related to support agency's specific programs or areas of concern.

B. Assignment of Responsibility

1. Hamilton County Engineer's Office will:

- a. All assistance by the County Engineer will be within the stated authority of Ohio Statutes.
- b. Provide a coordinated overview of countywide energy issues, emergency activities, energy needs, and repair status during county emergency response and recovery operations.
- c. Assist in collecting energy-specific information through the use of ESF #5 during county-level assessment, response, and recovery activities.
- d. Assist in allocating emergency power generation equipment, as needed.
- e. Coordinate communication between Duke Energy and county and local government officials, following the procedures outlined in the HCOEM's Emergency SOG - "Emergency Power Outage Notification and Communication" SOG.(Future)
- f. Maintain a list of portable generators.
- g. Interface with state and federal ESF #12 as required during emergencies.
- h. Maintain an internal Standard Operating Guidelines (SOG) that addresses the following:
 - 1) 24-hour notification procedure for staff.
 - 2) Internal COOP/COG energy response procedures and strategies as coordinated with local utilities.
 - 3) Management assignments during county assessment, response, and recovery operations.
 - 4) Guidelines and forms necessary for implementation of ESF #12 energy response plan.
- h. Maintain a Critical Facilities master list for Hamilton County and provide a copy of the most current version to Duke Energy as outlined in the HCOEM's Emergency SOG - "Emergency Power Outage Notification and Communication" SOG.(Future)

2. Duke Energy/Public Utilities Companies should:

- a. Work in conjunction with ESF #12 to restore utilities services.

- b. Provide outage and repair information to the Hamilton County ROC through ESF #12.
- 3. Hamilton County Facilities Management will:
 - a. Monitor the operational status of buildings within the Hamilton County
 - b. Provide information to the Hamilton County ROC on the status of such buildings
- 4. Hamilton County Sheriff's Office will:
 - a. Assist in providing security at energy utility sites as requested.
 - b. Provide site security and access restrictions to areas upon request.
 - c. Provide Traffic Control.
- 5. Hamilton County Environmental Services will:
 - a. Monitor operational status of water related systems essential to health and safety.
 - b. Provide maintenance crews to assist Engineer's office with clearing debris from roads, traffic control devices and traffic control while roads are being cleared.
- 6. Hamilton County Engineer's Office will:
 - a. Coordinate the clearance/repair of roadways in support of energy restoration efforts.
 - b. Assist in the transportation of fuel sources for the provision of emergency power.

V. RESOURCE REQUIREMENTS OF ESF #12 — ENERGY

- A. ESF #12 — Energy organizations are responsible for the maintenance of their own agreements, SOPs, SOGs, MOUs and Resource Listings that document the equipment, supplies, and services available to them during emergencies. Additional support needs during an emergency may be requested through the Hamilton County ROC to ESF #7, Resource Support.

VI. TECHNICAL RESOURCES

- A. Hamilton County Office of Emergency Management - Emergency SOG - "Emergency Power Outage Notification and Communication" SOG (Future)