

ENERGY – “Electricity”

Emergency Support Function 12

(ESF 12)

PRIMARY AGENCY: Lake County Facilities & Fleet Management Department

SUPPORT AGENCIES: City of Leesburg
City of Mt. Dora
Clay Electric Services
Lake County Community Services Department
Lake County Fiscal & Administrative Services Department
Duke Energy
Public Service Commission
Sumter Electric Cooperative

I. INTRODUCTION

A. Purpose

Liaison for coordinating the restoration of electric energy systems.

B. Scope

1. Ensure that the appropriate agencies are assessing damage to energy systems, supply, demand, and requirements to restore such systems.
2. Assisting local governments in determining priority of utility system restoration.
3. Recommend local actions to conserve electricity.
4. Coordinate with Local, State, and Federal Agencies providing facts and information concerning energy resources.
5. Relay technical service information concerning energy systems.
6. Relay all energy assistance requests from the Lake County Emergency Operations Center (EOC) to the appropriate support agency.

C. Organization

1. All utilities coordinate with the ESF 12 representative in the EOC. The ESF 12 position falls within the Logistics Section in the Incident Command System.
2. The ESF 12 representative is responsible for maintaining 24-hour operations in the EOC, and maintains documentation as to the status of damages and progress being made towards restoration.

II. RESTORATION PRIORITIES**A. Critical Customers**

1. Utilities maintain a classification system for all utility customers, arranged and categorized according to emergency response priority. In all planning, critical facilities, as listed with the Lake County Emergency Management Division, should be included as top priorities for restoration, especially those that involve the lives and safety of the citizens of Lake County.
2. The following is a general listing of priorities:
 - a. Hospitals and medical facilities.
 - b. Water and wastewater facilities.
 - c. Central food, cold storage and distribution centers.
 - d. Police, fire and other essential public services.
 - e. Emergency Broadcast Systems and centralized communications systems (primarily telephone).
 - f. Public buildings used as public shelters.
 - g. Schools, colleges and industrial and commercial customers.
 - h. Customers depending on life support systems.

B. Major Electric Utility System Facilities

Major facilities of the electric utility system must be protected from the effects of an emergency or disaster situation. The following is a list of major facilities in priority order within most utilities:

1. Transmission & Associated Substations.
2. Sub-transmission & Associated Substations.
3. Distribution Feeders.
4. Distribution Laterals.

C. Assignment of Responsibilities

1. System Control System

Each utility may designate a system control area as the primary location for their company to coordinate emergency restoration activities. Should this facility be unavailable for use, it is the responsibility of the company to designate an alternate site and notify the EOC of the location and methods of communication.

2. System Control Functions

These sites will be used for management of all emergency operations for that utility company with the following functions:

- a. Dispatching and radio communications.
- b. Telephone Information.
- c. Trouble Analysis.
- d. Minor Repair.
- e. Support Services.
- f. Personnel and resource management, including scheduling of personnel and timekeeping.
- g. Scheduling of line crews and tree crews, including mutual aid personnel.

III. SITUATION

A. Disaster Condition

Energy shortage conditions are those in which the supply of electric power to customers could be in jeopardy due to either generation capacity shortage, and/or transmission limitation.

B. Planning Assumptions

1. During periods of abnormal weather, or in the event of multiple unanticipated generating unit outages, there may be occasional times when generating capacity is limited, or falls below customer demand.
2. There may be widespread and prolonged electrical power failure. With no electric power, communications will be affected; traffic signals will not operate, causing surface movement gridlock. Such outages will impact on other public health and safety services, including the movement of petroleum products for transportation and emergency power generation.
3. The lead agency of this ESF, upon notification of a potential or actual electrical generating capacity shortage, or actual or potential fuel shortages, shall communicate and coordinate with State and Local support agencies when prioritizing emergency support and energy restoration.

C. Goals

1. To provide a plan for the quickest possible means of restoring the electric utility system, and in a manner that is consistent with public safety and good industry practice.
2. To clearly define restoration priorities and detail a system-wide power restoration strategy.
3. To provide a plan which can be adjusted to the severity of the emergency.
4. To provide a detailed resource management program, including the management of personnel, materials, and equipment under emergency conditions.
5. To define an organizational structure and functional responsibilities that must be met for effective restoration of electric service.
6. To provide for appropriate public relations through news release to media, telephone contact, and personal encounter.

D. Statewide

In Lake County, the ESF 12 is served by Duke Energy, Sumter Electric Cooperative (SECO), Clay Cooperative, City of Leesburg and City of Mt. Dora. Each agency has a predetermined emergency plan to follow, depending on the type of storm/disaster, and the amount of damage done to their respective facilities.

E. Notification

1. Upon activation of the EOC, the EOC Manager or Logistics Section Chief will notify the Representative for ESF 12, who will respond to the EOC.
2. The ESF 12 representative will make notification to their respective agencies, and other ESFs for coordination for operations as necessary.

F. Response Actions

1. Conduct initial assessment of system and generation capabilities.
2. Coordinate with ESF 12 Support Agencies to establish priorities and develop strategies for the initial response.
3. Maintain communications to update the EOC and the public on restoration efforts as well as safety messages regarding downed lines and use of portable generators.

IV. RESOURCES**A. Lake County Coordination with the Utility Companies**

1. The utility companies maintain a listing of their available resources and mutual aid resources through other utilities. At the time their resources are expended, they should contact the ESF 12 representative to coordinate the requesting of additional resources through ESF 7 – Resources.
2. If additional resources cannot be obtained locally, a request will be made to the ESF 7 representative or Logistics Section Chief (who will work through the State Liaison, if one is assigned, to the State EOC).

3. Coordination through the Logistics Section if the EOC allows the tracking of requests and receipt of resources. Large resources will be staged at a location to be determined at the time of the incident/event and will receive their assignments from there.

B. Utility Company Representatives

It is recommended that at the time resources are requested from the State, that the utility companies provide a representative at the staged location (to be determined at the time of the incident/event) for coordination and allocation of units.

V. REFERENCES

A. Emergency Plans

1. A copy of the City of Leesburg's Plan has been requested.
2. A copy of the City of Mt. Dora's Plan has been requested.
3. A copy of Sumter Electric's Emergency Plan is provided in the EOC with Agency Procedures.
4. A copy of Progress Energy's Emergency Plan has been requested.
5. A copy of Clay Electric's Emergency Plan has been requested.

B. Florida Statutes

1. Chapter 377
2. Chapter 366

ENERGY – “Fuel”

Emergency Support Function 12 (ESF 12)

PRIMARY AGENCY: Lake County Facilities & Fleet Management Department,
Fleet Management Division

SUPPORT AGENCIES: RC Dunn Oil Company
TransMontaigne (ComData)
Astatula (Town of) Clermont (City of)
Eustis (City of) Fruitland Park (City of)
Howey-in-the-Hills (Town of) Groveland (City of)
Lady Lake (Town of) Leesburg (City of)
Mascotte (City of) Minneola (City of)
Montverde (Town of) Mount Dora (City of)
Tavares (City of) Umatilla (City of)
Lake County Fiscal & Administrative Services Department
Lake County Public Safety Department
Lake County Public Works Department
Lake County Sheriff's Office
Lake County Schools

I. INTRODUCTION

A. Purpose

Coordinate the storage / availability of fuel.

B. Scope

1. Ensure that the appropriate agencies are assessing damage to fuel systems, fuel supply, fuel demand, and requirements to restore fuel availability.
2. Assisting local government agencies in determining priority of fuel needs.
3. Recommend local actions to conserve fuel.
4. Coordinate with Local, State, and Federal Agencies providing facts and information concerning fuel resources and availability.
5. Relay all fuel information to the Lake County Emergency Operations Center (EOC).

D. Organization

1. All municipalities coordinate with the ESF 12 representative in the EOC. The ESF 12 representative falls under the Logistics Section in the Incident Command System.
2. The ESF 12 representative is responsible for maintaining 24-hour operations in the EOC, and maintains documentation as to the status of damages and progress being made towards fuel availability, usage, and storage.

II. RESTORATION PRIORITIES

A. Critical Customers

1. Maintain a classification system for all fuel customers, arranged and categorized according to emergency response priority. In all planning, critical facilities, as listed with the Lake County Emergency Management Division, should be included as top priorities for restoration, especially those that involve the lives and safety of the citizens of Lake County.
2. The following is a general listing of priorities:
 - a) Law Enforcement
 - (1) Lake County Sheriff's Office
 - (2) Municipal Police Departments
 - b) Emergency Medical Services
 - (1) Lake EMS
 - c) Public Safety
 - (1) Lake County Public Safety Department
 - (2) Municipal Fire Departments
 - d) Public Works
 - (1) Lake County Public Works Department
 - (2) Municipal Public Works Departments
 - e) Environmental Services
 - (1) Municipal Environmental Services

B. Major Fuel System Facilities

Major fuel systems must be protected from the effects of an emergency or disaster situation. The following is a list of major facilities in priority order:

1. Lake County BCC – Astatula Fuel Site
2. Lake County BCC – Minneola Fuel Site
3. Lake County BCC – Umatilla Fuel Site
4. Lake County BCC – Leesburg Fuel Site
5. Lake County BCC – Public Safety Fuel Sites
6. Lake County BCC – Public Works Fuel Sites
7. Lake County BCC – Facilities Fuel Sites
8. Lake County Sheriff's Office – Fuel Sites
9. Lake County School Board – Fuel Sites
10. Municipality – Fuel Sites
11. RC Dunn Oil Company (Groveland)
12. Local Fuel Stations (accepting MasterCard)
13. All Vehicles Able to Transport Fuel

C. Assignment of Responsibilities

1. System Control Systems

- a) Each agency is responsible for its own fuel. It is the responsibility of each agency to notify the EOC if they have an excess or shortage of fuel.
- b) The ESF 12 Representative is responsible for tracking the availability of fuel from the various support agencies.

III. SITUATION

A. Disaster Condition

Fuel shortage conditions are those in which the supply of fuel to customers could be in jeopardy due to either capacity shortage, and/or transportation limitation.

B. Planning Assumptions

1. During periods of abnormal weather, or in the event of multiple unanticipated generating fuel shortages, there may be occasional times when capacity is limited, or falls below customer demand.
2. There may be widespread and prolonged fuel shortages. Such shortages will have an impact on other public health and safety services, including transportation.
3. The primary agency of this ESF, upon notification of a potential or actual fuel shortage, shall communicate and coordinate with appropriate support agencies including State and Local agencies when prioritizing fuel availability.

C. Goals

1. To provide a plan for the quickest possible means of restoring the availability of fuel in a manner that is consistent with public safety and good industry practice.
2. To clearly define restoration priorities and detail a system-wide strategy.
3. To provide a plan which can be adjusted to the severity of the incident/event.
4. To provide a detailed resource management program, including the management of personnel, materials, and equipment under emergency conditions.
5. To define an organizational structure and functional responsibilities that must be met for effective restoration of fuel.
6. To provide for appropriate public relations through news release to media, telephone contact, and personal encounter.

D. Statewide

In Lake County, the ESF 12 (Fuel) is served by RC Dunn, TransMontaigne (ComData), Lake County Board of County Commissioners, Procurement Services Section – Fleet Management Division, municipalities of Lake

County with fuel sites and local gas stations. Each agency has a predetermined emergency plan to follow, depending on the type of storm/disaster, and the amount of damage done to their respective facilities and supplies.

E. Notification

1. Upon activation of the EOC, the Emergency Management Division Manager or Logistics Section Chief will notify the Representative for ESF 12, who will respond to the EOC.
2. The ESF 12 representative will make notification to their respective agencies, and other ESFs for coordination for operations as necessary.

F. Response Actions

1. Conduct initial assessment of fuel systems.
2. Coordinate with ESF 12 Support Agencies to establish priorities and develop strategies for the initial response.
3. Maintain communications to update the EOC on restoration efforts as well as safety messages regarding fuel availability.

IV. RESOURCES

A. Lake County Coordination with the Fuel Companies

1. At the time County resources are expended, requesting of additional resources will be coordinated through the Resource Unit (Logistics Section), using ESF 7 - Resource Support as the guideline.
2. If additional resources cannot be obtained locally, a request will be made to the ESF 7 Representative or Logistics Section Chief (who will work through the State Liaison, if one is assigned, to the State EOC).
3. Coordination through the Logistics Section if the EOC allows the tracking of requests and receipt of resources. Large resources will be staged at a location to be determined at the time of the incident/event and will receive their assignments from there.

V. REFERENCES

A. Emergency Plans

1. Fleet Management Plan for Fuel.
2. List of Municipality Fuel Sites – Tank Information.
3. List of vehicles able to transport fuel.