

**Emergency Support Function – 12  
Energy / Utilities**



**2020**

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**RECORD OF CHANGES**

*Each update or change to the plan should be tracked. The record of changes, usually in table format, contains, at a minimum, a change number, the date of the change, the name of the person who made the change, and a summary of the change. Other relevant information could be considered.*

<b>Change #</b>	<b>Date</b>	<b>Part Affected</b>	<b>Date Posted</b>	<b>Who Posted</b>

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Agency	Name, Title	Date of Delivery	Copies

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## ESF – 12 Energy / Utilities

**ESF COORDINATOR:**

Chatham County Public Works Department

**SUPPORT AGENCIES:**

Atlanta Gas Light  
Chatham Emergency Management Agency  
City of Bloomingdale Public Works Department  
City of Garden City Public Works Department  
City of Pooler Public Works Department  
City of Port Wentworth Public Works Department  
City of Savannah Infrastructure and Development  
City of Savannah Sanitation Department  
City of Tybee Island Public Works Department  
Georgia Power  
Town of Thunderbolt Public Works Department  
United States Army Corps of Engineers

### INTRODUCTION

The emergency support function of public works and engineering involves direction and coordination, operations, and follow-through during an emergency or disaster.

#### Purpose

ESF-12 Energy / Utilities supports the EOP and complies with standards set forth in the National Response Framework. This document provides guidance to prepare for, respond to, recover from, and mitigate the effects of a disaster or emergency on Chatham County's energy and utility networks. This however is not a tactical response document. ESF-12 is designed to ensure seamless integration of key energy and utility resources to manage fuel shortages, power outages, and other associated activities to address an emergency or disaster.

#### Scope

ESF-12 acts to meet the energy and utility essential elements of information needs of operations to include gas, electric and other infrastructure systems in an emergency or a disaster. This ESF is structured to coordinate the provision of emergency supply and transportation of fuel and the provision of emergency power to support immediate



response operations, as well as restoring the normal supply of power. This ESF will work closely with local and state agencies, energy suppliers and distributors.

## CONCEPT OF OPERATIONS

### General

During an emergency or disaster, ESF-12 may be activated to support operations and assist with the development of a common operating picture. The scope, scale and magnitude of the threat/incident will dictate which support agencies will be requested for the support of ESF-12 Energy / Utilities in the EOC.

### Preparedness

- a. Develop and maintain resource lists to support ESF-12 operations utilizing both public and private sector entities.
- b. Establish and maintain contact with the state and adjacent county public works officials.
- c. In coordination with public and private utilities, ensure plans for restoring and repairing damaged energy systems are updated.
- d. In coordination with public and private utilities, establish priorities to repair damaged energy systems and coordinate the provision of temporary, alternate, or interim sources of natural gas supply petroleum fuels, and electric power.
- e. Participate in exercises and training.
- f. Estimate logistical requirements (personnel, supplies, equipment, facilities, and communications) during the planning process and through exercises.
- g. Ensure all ESF-12 personnel integrate NIMS principles.

### Response

- a. Analyze affected areas to determine operational priorities and emergency repair procedures with utility field personnel. Provide status of energy resources to the EOC Operations Group as required.
- b. In coordination with public and private utilities, prioritize rebuilding processes to restore utilities in affected areas.
- c. Locate fuel for emergency operations.
- d. Activate contracts to support operations, as needed.
- e. Coordinate with GEMA for the use of state assets.

- f. Report the locations of damage to utility infrastructure, degree of damage, and other available information to the EOC.
- g. Maintain continual status of energy systems and the progress of restoration.
- h. Recommend energy conservation measures, as needed.
- i. Coordinate emergency information for public release through ESF-15.
- j. Document matters that may be needed for inclusion in briefings, situation reports and action plans.

**Recovery**

- a. Maintain coordination with all supporting agencies and organizations on operational priorities and emergency repair and restoration.
- b. Continue to provide energy emergency information, education and conservation guidance to the public in coordination with ESF-15.
- c. Coordinate the repair and restoration of energy infrastructure.
- d. Ensure that ESF-12 team members and/or their agencies maintain appropriate records of costs incurred during the incident.

**Mitigation**

- a. Support and plan for mitigation measures.

**Organization**

The County EOC will be activated to coordinate a multijurisdictional level response.

Representatives from the applicable ESF-12 Agencies may be assigned to the EOC or alternate location, as best suited to meet incident needs and coordinate operations.

**ESF Role Aligned to Core Capabilities**

The following table lists the response capability that ESF-12 most directly supports, along with the related ESF-12 actions supporting the capability.

Core Capability	ESF-12 Public Works and Engineering
Infrastructure Systems	<ul style="list-style-type: none"> <li>• Stabilize critical infrastructure functions, minimize health and safety threats, and efficiently restore and revitalize systems and services to support a viable, resilient community. This includes, among other things:                             <ul style="list-style-type: none"> <li>➤ Energy network assessment</li> <li>➤ Restoration of energy services</li> </ul> </li> </ul>

Responsibilities

Coordinating Agency	Actions
Chatham County Public Works Department	<ul style="list-style-type: none"> <li>• Coordinate with applicable energy providers to provide current status of operations, future actions and any resource gaps</li> <li>• Activate contracts to support operations, as necessary</li> <li>• Request additional support, as necessary</li> <li>• Conduct impact assessments within affected areas</li> <li>• Coordinate with municipal public works departments</li> <li>• Provide EOC Staffing for the following EOC positions as needed:                             <ul style="list-style-type: none"> <li>➤ ESF-3 &amp; ESF-12</li> </ul> </li> <li>• Develop plans and procedures to support emergency or disaster operations</li> <li>• Coordinate ESF meetings to ensure constant state of readiness</li> </ul>

Supporting Agency	Actions
All Supporting Agencies	<ul style="list-style-type: none"> <li>• Immediately following an emergency or disaster, assess the overall status of the energy infrastructure within the area of responsibility, determine potential needs &amp; resources, report status to ESF-12 Coordinator</li> <li>• Attend ESF meetings to ensure planning and coordination functions are carried out to support this ESF</li> <li>• Provide additional resources as available to support ESF-12 response and recovery efforts</li> <li>• Develop appropriate plans, policies, procedures, mutual aid agreements, and other supporting documentation as needed to facilitate execution of responsibilities to this ESF</li> <li>• Participate in drills, exercises, and other preparedness events to measure the Agency’s readiness to support this ESF</li> <li>• Prepare to support the Emergency Operations Center as needed</li> <li>• Document disaster related activities related to this ESF</li> <li>• Prepare to collect and maintain records of expenditures and document resource utilized during response and recovery operations</li> </ul>
Atlanta Gas Light	<ul style="list-style-type: none"> <li>• Provide status of infrastructure to the EOC, as needed</li> </ul>
Chatham Emergency Management Agency	<ul style="list-style-type: none"> <li>• Provide ESF-12 Coordinator with guidance and support required to accomplish assigned tasks</li> </ul>

Supporting Agency	Actions
City of Bloomingdale Public Works Department	<ul style="list-style-type: none"> <li>• Assess the need for and prioritize the deployment of services based on available resources and critical needs</li> <li>• Repair/maintain appropriate public works infrastructures</li> <li>• Coordinate debris operations within appropriate municipality</li> <li>• Coordinate priority re-entry route clearance within appropriate municipality</li> <li>• Activate contracts to support operations, as necessary</li> <li>• Request additional support, as necessary</li> </ul>
City of Garden City Public Works Department	<ul style="list-style-type: none"> <li>• Assess the need for and prioritize the deployment of services based on available resources and critical needs</li> <li>• Repair/maintain appropriate public works infrastructures</li> <li>• Coordinate debris operations within appropriate municipality</li> <li>• Coordinate priority re-entry route clearance within appropriate municipality</li> <li>• Activate contracts to support operations, as necessary</li> <li>• Request additional support, as necessary</li> </ul>
City of Pooler Public Works Department	<ul style="list-style-type: none"> <li>• Assess the need for and prioritize the deployment of services based on available resources and critical needs</li> <li>• Repair/maintain appropriate public works infrastructures</li> <li>• Coordinate debris operations within appropriate municipality</li> <li>• Coordinate priority re-entry route clearance within appropriate municipality</li> <li>• Activate contracts to support operations, as necessary</li> <li>• Request additional support, as necessary</li> </ul>
City of Port Wentworth Public Works Department	<ul style="list-style-type: none"> <li>• Assess the need for and prioritize the deployment of services based on available resources and critical needs</li> <li>• Repair/maintain appropriate public works infrastructures</li> <li>• Coordinate debris operations within appropriate municipality</li> <li>• Coordinate priority re-entry route clearance within appropriate municipality</li> <li>• Activate contracts to support operations, as necessary</li> <li>• Request additional support, as necessary</li> </ul>
City of Savannah Infrastructure and Development	<ul style="list-style-type: none"> <li>• Assess the need for and prioritize the deployment of services based on available resources and critical needs</li> <li>• Repair/maintain appropriate public works infrastructures</li> <li>• Coordinate debris operations within appropriate municipality</li> <li>• Coordinate priority re-entry route clearance within appropriate municipality.</li> </ul>

Supporting Agency	Actions
City of Savannah Infrastructure and Development (continued)	<ul style="list-style-type: none"> <li>• Activate contracts to support operations, as necessary</li> <li>• Request additional support, as necessary</li> </ul>
City of Savannah Sanitation Division	<ul style="list-style-type: none"> <li>• Assess the need for and prioritize the deployment of services based on available resources and critical needs</li> <li>• Repair/maintain appropriate public works infrastructures</li> <li>• Coordinate debris operations within appropriate municipality</li> <li>• Coordinate priority re-entry route clearance within appropriate municipality</li> </ul>
City of Tybee Island Public Works Department	<ul style="list-style-type: none"> <li>• Assess the need for and prioritize the deployment of services based on available resources and critical needs</li> <li>• Repair/maintain appropriate public works infrastructures</li> <li>• Coordinate debris operations within appropriate municipality</li> <li>• Coordinate priority re-entry route clearance within appropriate municipality</li> <li>• Activate contracts to support operations, as necessary</li> <li>• Request additional support, as necessary</li> </ul>
Georgia Power	<ul style="list-style-type: none"> <li>• Provide status of power infrastructure</li> <li>• Coordinate power restoration, as needed</li> <li>• Render downed powerlines safe to be cleared from roadways</li> <li>• Support county and local governments with resources and technical support, as needed</li> <li>• Provide EOC Staffing for the following EOC position as needed:               <ul style="list-style-type: none"> <li>➤ Liaison Officer</li> </ul> </li> </ul>
Town of Thunderbolt Public Works Department	<ul style="list-style-type: none"> <li>• Assess the need for and prioritize the deployment of services based on available resources and critical needs</li> <li>• Repair/maintain appropriate public works infrastructures</li> <li>• Coordinate debris operations within appropriate municipality</li> <li>• Coordinate priority re-entry route clearance within appropriate municipality</li> <li>• Activate contracts to support operations, as necessary</li> <li>• Request additional support, as necessary</li> </ul>
United States Army Corps of Engineers	<ul style="list-style-type: none"> <li>• Provide EOC Staffing for the following EOC position as needed:               <ul style="list-style-type: none"> <li>➤ Liaison Officer</li> </ul> </li> </ul>

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