



Emergency Support Function 12 Annex Energy



2018

ESF COODINATOR AND SUPPORT AGENCIES

ESF Coordinator

- Georgia Environmental Finance Authority

Primary Agency

- Georgia Environmental Finance Authority
- Georgia Department of Agriculture
- Georgia Public Service Commission

Support Agencies

- Atlanta Gas Light
- Electric Cities of Georgia
- Georgia Association of Convenience Stores
- Georgia Department of Defense
- Georgia Department of Natural Resources
- Georgia Department of Public Safety
- Georgia Department of Transportation
- Georgia Electric Membership Corporation
- Georgia Forestry Commission
- Georgia Oilmen's Association
- Georgia Petroleum Council
- Georgia Power Company
- Georgia Propane Gas Association
- Georgia Transmission Corporation
- Municipal Electric Authority of Georgia
- Municipal Gas Authority of Georgia

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Record of Change

Change #	Date	Part Affected	Date Posted	Who Posted
1	2/1/2018	Annex- 3.3 Support agency additional information added for ECG	2/1/2018	Kristofor Anderson

Record of Distribution

Plan #	Office/Department	Representative	Signature
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1.0 Introduction

1.1 Purpose

This ESF Annex supports the Georgia Emergency Operations Plan (GEOP) and complies with standards set forth in the National Response Framework (NRF), ESF 12: Energy Annex. This document provides guidance to prepare for, respond to, recover from, and mitigate the effects of a disaster or emergency on Georgia's energy systems. It is the strategic plan for ESF 12 - Energy. ESF12 serves as the principal conduit by which critical energy infrastructure in Georgia is protected and restored upon the realization of a debilitated state of operation due to the onset of an emergency or disaster. This document is supported by several Appendices, Tabs, and Standard Operational Guidelines (SOG).

This Annex:

- Identifies key ESF 12 capabilities that must be achieved.
- Provides an overall concept of operations for ESF 12 in support of the GEOP.
- Identifies overarching policies governing ESF 12 operations
- Identifies ESF 12 Primary and Support agencies.
- Identifies roles and responsibilities for ESF 12 Primary agencies.
- Identifies potential types of support that may be provided by ESF 12 Support agencies.

Through the guidelines and processes outlined in the GEOP, this annex, and the many supporting logistics management documents, ESF 12 supports emergency or disaster operations pertaining to the energy infrastructure for the State of Georgia in the following ways:

- Coordinates support for the restoration of service for electric infrastructure.
- Coordinates the restoration of fuel service, including natural gas, petroleum, and liquefied petroleum gas (LPG).
- Promotes disaster resiliency and readiness by developing and maintaining Standard Operating Procedures (SOPs) and Standard Operating Guidelines (SOGs), facilitating regular planning meetings, and by conducting and participating in regular drills and exercises.
- Utilizes the National Incident Management System Incident Command System (NIMS- ICS) structure during operations and organizes, trains, and equips specialists to operate within the NIMS/ICS structure.
- Acts as the state-level focal point for the collection, validation, and dissemination of information pertaining to the status of critical energy infrastructure in the state. This information shall be disseminated, in conjunction with ESF 15 – External Affairs, to local, state, and federal

agencies, private sector partners, and non-governmental organizations (NGOs) as appropriate during an emergency, disaster, or potential threat.

- Maintains situational awareness and provides ESF 5 – Emergency Management, ESF 15 – External Affairs, and the Planning Section with regular updates and information to support briefings, situation reports, and incident action plans.
- Coordinates the acquisition and provision of resources for the restoration of critical energy infrastructure in conjunction with ESF 5 – Emergency Management through mutual aid, the Emergency Management Assistance Compact (EMAC), federal ESF 12 partners (as identified in the National Response Framework), and other assistance compacts from non-impacted critical infrastructure owners and operators (CI/OO).
- Coordinates the acquisition and provision of electrical service and fuel to support disaster response efforts in conjunction with ESF 7 – Logistics Support.
- Coordinates and regularly updates public information with ESF 15 – External Affairs and, if established, the Joint Information Center (JIC).
- Maintains financial records on personnel, supplies, and other resources utilized and provides regular reports to the Finance Chief and support staff.

1.2 Scope

The scope of operations for ESF 12 includes two principal functions: the restoration of service for electrical infrastructure and the restoration of fuel service, including natural gas, petroleum, and liquefied petroleum gas (LPG) infrastructures. ESF 12 oversees damage assessments for energy infrastructure and systems. It also oversees the restoration of electrical and fuel services, and ensures the provision of temporary sources of electrical power and fuel following an emergency or disaster.

GDA, GEFA, and PSC designate Primary and Alternate Emergency Coordinators who represent the agencies in an emergency or disaster and provide operational support in the State Operations Center when requested.

The Georgia Public Service Commission (PSC) assumes responsibility for operations pertaining to electrical infrastructure. The scope of a response for threats or impacts to electrical infrastructure includes:

- Coordinating with critical infrastructure owners and operators (CI/OO) on the assessment and restoration of electrical generation facilities, transmission, and distribution service; and
- Providing temporary electrical service for forward disaster response support sites (base camps, staging areas, etc.) and critical facilities in coordination with ESF 7 – Logistics Management and Resource Support.

The Georgia Department of Agriculture (GDA) and Georgia Environmental Finance Agency (GEFA) assume responsibility for operations pertaining to fuel

infrastructure. The scope of a response for threats or impacts to fuel infrastructure includes:

- Coordinating with CI/OO on the assessment and restoration of commercial transportation fuel infrastructure, production and storage facilities, and pipelines;
- Providing fuel to support forward disaster response sites (base camps, staging areas, temporary fuel points, etc.) in coordination with ESF 7 – Logistics Management and Resource Support; and
- Providing bulk fuel to support disaster response operations in coordination with ESF 7 – Logistics Management and Resource Support.

Electrical Infrastructure

The PSC assumes primary oversight of emergency and disaster operations pertaining to electrical infrastructure. In support of this essential function, ESF12:

- Ensures electrical CI/OO maintain equitable provision and restoration of services to the public.
- Reserves the authority to assess the severity and impacts of an emergency or disaster on electrical infrastructure and determine and prioritize restoration efforts.
- Coordinates with CI/OO to determine the number of citizens without electrical service and regularly reports findings to the Incident Command Staff and the Planning Section, during occasions when portions of the electrical infrastructure are debilitated.
- Procures generators to support the provision of temporary emergency electrical service for forward disaster response sites and critical facilities, in conjunction with ESF7 – Resource Support.
- Coordinates with CI/OO to pre-stage electrical service restoration resources in safe proximity to anticipated areas of impact, in order to minimize response time for threats for which there is advance notice.

Fuel Infrastructure

The GEFA and GDA jointly assume primary oversight of emergency and disaster operations pertaining to fuel infrastructure. In support of this essential function, ESF12:

- Maintains directories of commercial and industrial petroleum and LPG fuel storage handling and distribution facilities within the state.
- Establishes contacts based on location, distribution territory, and operating capacity.
- Develops mutual aid agreements with the private petroleum and LPG fuel industries.

- Establishes the Unified Planning Group and initiates the Georgia Energy Assurance Plan during a potential or realized decrease in Georgia's transportation fuel supply.
- In coordination with ESF 7, pre-stages fuel and resources in safe proximity to anticipated areas of impact, in order to minimize response time for threats for which there is advance notice.
- Locates sources of petroleum and alternative fuels and establishes distribution priorities.
- Procures bulk fuel supplies in coordination with ESF 7 to support both aviation and ground-based transportation operations during a disaster response.
- In coordination with ESF 7, provides fuel for temporary fueling points that will support responders in impacted areas during an emergency or disaster.
- Assists energy suppliers in obtaining product (in coordination with fuel regulatory agencies regarding restrictions), equipment, specialized personnel, and transportation to repair or restore fuel infrastructure.

2.0 Concept of the Operation

2.1 General

Through continuous coordination, in support of potential or ongoing emergency/disaster operations in Georgia, the primary and support agencies work to ensure the following capabilities:

- Planning and coordinating preparedness, response, recovery, and mitigation activities pertaining to electrical, natural gas, petroleum, and LPG infrastructures.
- Conducting regular ESF 12 meetings and conference calls.
- Supporting and participating in planning meetings and exercises that pertain to ESF 12.
- Maintaining ongoing contact with ESF 12 primary and support agencies.
- Ensuring that ESF12 primary and support emergency coordinators maintain operational readiness by taking requisite Georgia Emergency Management and Homeland Security Agency (GEMA/HS) State Operations Center (SOC) training courses.
- Acting as a liaison between ESF 12 and external entities.
- Directing requests for assistance to the appropriate ESF 12 primary agencies.

- Directing unmet requests for assistance to ESF 5 – Emergency Management.
- Providing information on the status, threats, impacts upon, and restoration of agricultural or natural resources.
- Providing updates on the status of ESF 12 mission assignments to ESF 5 – Emergency Management, the Planning Section Chief, and other entities external to ESF 12.
- Generating, in a timely manner, information to be used in briefings, situation reports, and incident action plans.

2.1 Plan Activation

Any threat or incident requiring the activation of this annex may be detected from a variety of sources. When any ESF 12-primary or support partner is apprised of a threat or incident, they will contact the GEMA/HS Communications Center with pertinent information.

During an emergency or disaster, the ESF 12 Coordinator will serve as the principle point of contact for operations associated with ESF 12. The ESF Coordinator will oversee all ESF 12 operations and reports to the SOC Chief.

If a disaster warrants SOC activation, some or all of ESF 12 may be activated. The scope, scale, and magnitude of the threat/incident will dictate which primary agencies will assign personnel to the SOC, and the relevant support agencies that will be requested for support.

Resource requirements will be primarily determined by affected County Emergency Management Agency (EMA) Directors, working in concert with assigned GEMA/HS Field Coordinators, and the emergency coordinators of affected state agencies. Resource requests flow from the County EMA Director (or the GEMA/HS Field Coordinator acting on his/her behalf) or state agency to the SOC. Existing state resources, intrastate mutual aid, donations, GA VOAD and NGOs provide the initial source of personnel, vehicles, equipment, supplies and services to fulfill resource requests. Resource requests that exceed the capability of these sources may be fulfilled through state purchasing and contracting, interstate mutual aid (EMAC) or federal government assistance.

The ESF 12 Coordinator serves as the point of contact for requests for assistance for ESF 12 that are received by the GEMA/HS State Operations Center (SOC) and is responsible for delegating mission assignments to the appropriate ESF 12 Primary Agency Emergency Coordinator. The ESF 12 Primary Agency Emergency Coordinator(s) then ensure mission assignment completion through direct support or by delegation to the appropriate support agency.

3.0 Organization and Assignment of Responsibilities

3.1 ESF Coordinator

The Georgia Environmental Finance Authority (GEFA) serves as the coordinator for ESF12 and will assume primary responsibility for coordination among ESF12 primary and support agencies.

Within the GEMA/HS SOC, the GEFA Primary/Alternate Emergency Coordinator will serve a dual role as the ESF 12 Coordinator and the joint Primary Agency Emergency Coordinator with GDA during operations pertaining to the fuel sector. The ESF 12 Primary/Alternate Coordinator from PSC will coordinate emergency and disaster operations pertaining to electrical infrastructure.

3.1 Primary Agency Assignment of Responsibilities

Georgia Environmental Finance Authority (GEFA)

- Ensures adequate fuel levels in state owned tanks prior to and during a disaster response. During a potential or realized decrease in Georgia's fuel supply, establishes the Unified Planning Group and initiates the Georgia Energy Assurance Plan.
- Advises and assists city, county, state and school facilities to top off fuel supplies 96-120 hours prior to tropical cyclone/hurricane landfall or any large-scale disaster with sufficient notice.
- Coordinates with ESF7 – Logistics Management and Resource Support to strategically position temporary fuel points that will support emergency evacuations and first responders within impacted areas during a tropical cyclone/hurricane threat.
- Establishes connections for petroleum or alternative fuel sources and prioritizes distribution.
- Provides comprehensive planning and coordination of preparedness, response, and recovery activities that apply to fuel-related infrastructure.
- Conducts and records regular conference calls with required organizations to disseminate critical path information and record state progress towards remediation.

Georgia Department of Agriculture

- Contacts predetermined vendors in conjunction with ESF-7 for fuel procurement and delivery of tanker loads of gasoline, diesel fuel, and propane to stage in affected areas and staging areas.
- Procures metered mobile fuel storage and vehicles with direct fueling capability.
- Coordinates with the Georgia Department of Defense and other vendors to ensure supply of jet fuel and aviation gas.

- Maintains financial records on personnel, supplies, and resources utilized for the disaster response.

Georgia Public Service Commission

- Reserves the authority to assist in the determination of priorities regarding repairs of damaged energy systems.
- Provides ongoing communications and coordination with utility service providers as needed to facilitate repair and restoration.
- Maintains liaison with supporting agencies and utility service providers regarding emergency repair and restoration.
- Maintains current contact list of state utility service providers.

3.2 Support Agency Assignment of Responsibilities

Atlanta Gas Light

- Coordinates the restoration of natural gas service for impacted areas within the state.

Electric Cities of Georgia

- ECG provides technical and strategic services to 52 member municipal power providers in Georgia.
- ECG provides subject matter expertise to ESF 12 and coordinates any requests between ESF 12 and municipal power providers.
Georgia Association of Convenience Stores
- Communicates with members regarding local supply issues, delays in deliveries, power outages at stations, or other factors that will inhibit the dispensing of fuel to consumers, and relays this information to the ESF12 Coordinator.

Georgia Department of Defense

- Provides resources critical to response, including communications equipment, fuel equipment, generators, and personnel.

Georgia Department of Natural Resources

- Conducts an evaluation of anticipated fuel supply in Georgia based on communications with gasoline importers, fuel suppliers, and dispensing facilities that serve the state.
- Drafts environmental motor fuel waivers and, if necessary, submits waiver requests on behalf of the State of Georgia from the U.S. Environmental Protection Agency's motor fuel requirements.
- Provides personnel to secure critical facilities, critical infrastructure, and/or response personnel.
- Provides communications equipment as needed.

Georgia Department of Public Safety

- Secures critical facilities, infrastructure, and networks, including fuel transport.
- Provides security for response personnel during operations.
- Provides communications equipment as needed.

Georgia Department of Transportation

- Provides critical resources and services as needed, including architectural and engineering services, construction equipment, fuel equipment, generators, personnel, and vehicles.

Georgia Electric Membership Corporation

- Delivers electric power throughout Georgia through member electric co-ops.
- Utilizes repair crews and other personnel to restore power to areas impacted by power outages.
- Provides energy planning subject matter expertise.

Georgia Forestry Commission

- Serves as a source for gasoline and diesel fuel for the state as needed.

Georgia Oilmen's Association

- Communicates with petroleum distributors and transporters to determine potential delays in delivery of fuel products, and relays this information to the ESF12 Coordinator.

Georgia Petroleum Council

- Serves as a liaison to major petroleum suppliers that serve Georgia; in the event of a major fuel disruption, the organization will facilitate contact among petroleum suppliers, providing the state a better understanding of the anticipated extent and severity of the disruption.

Georgia Power Company

- Delivers electric power throughout Georgia.
- Utilizes repair crews and other personnel to restore power to areas impacted by power outages.
- Provides energy planning subject matter expertise.

Georgia Propane Gas Association

- Communicates with propane marketers within the state to facilitate the restoration of propane gas service in impacted areas.

Georgia Transmission Corporation

- Delivers electric power throughout Georgia.

- Utilizes repair crews and other personnel to restore power to areas impacted by power outages.
- Provides energy planning subject matter expertise.

Municipal Electric Authority of Georgia

- Generates and transmits electric power to Electric Cities throughout Georgia.
- Utilizes repair crews and other personnel to restore power to areas impacted by power outages.
- Provides energy planning subject matter expertise.

Municipal Gas Authority of Georgia

- Communicates with member municipalities within the state to facilitate the restoration of natural gas service in impacted areas.

4.0 Direction, Control, and Coordination

4.1 Information Collection and Dissemination

ESF 12 will report all activities to the ESF 5 Situation Unit for inclusion in the development of incident action plans and situational reports. All public information reports regarding ESF 12 activities will be coordinated with ESF 15 – External Affairs.

When ESF 12 is activated, the Georgia Environmental Finance Authority, with assistance from supporting departments and agencies, assesses and responds to requests for assistance with the management and/or maintenance of energy systems and planning or technical assistance from impacted local, state or federal agencies or other ESFs.

In addition to the SOC, ESF 12 may provide personnel to field operations established in Georgia, including but not limited to: Joint Field Offices (JFO), Joint Information Centers (JIC), Disaster Recovery Centers and any other incident facility established to meet operational demands for each particular incident requiring the activation of the GEOP.

4.2 Communications and Documentation

The GEMA/HS Planning Section has provided standard operating guide development templates and planning assistance to all ESFs listed in the GEOP. All ESFs will strive to develop operationally ready SOGs for inclusion in the GEOP. ESF 12 will meet as necessary to develop, review and refine SOGs that discuss specific operational processes and procedures.

4.3 Administration, Finance, and Logistics

In conjunction with ESF 7 – Resource Support, ESF 12 – Energy will develop, review, refine and maintain lists of all resources currently available and under the control of the primary or support agencies listed in this plan. The development of these lists may be completed by several organizations and professional groups, which currently operate within this ESF. These resource lists should be compliant with the resource typing standards outlined in the National Incident Management System (NIMS).

Coordination of EMAC Request

The Emergency Management Assistance Compact (EMAC) is a national mutual aid agreement between the 50 states, Puerto Rico, the U.S. Virgin Islands and the District of Columbia. It is based on 13 Articles which have been enacted into state law by each state. In Georgia, EMAC is addressed in the O.C.G.A., Title 38, Chapter 3, and Article 5.

The GEOP ESF 5 – Emergency Management contains information on the provision of assets and resources through the Emergency Management Assistance Compact (EMAC), private- sector or nongovernmental organization (NGO) procurement procedures, and requests for assistance to FEMA.

States may only request assistance via EMAC when their governor has declared a state of emergency. EMAC requires that the state requesting assistance reimburse the state that provides the assistance. The Director of GEMA/HS is the EMAC Authorized Representative (AR) for the State of Georgia. The AR is tasked with the authority to commit and accept resources through EMAC partnerships. The AR may delegate this authority to the Operations Director, Deputy Operations Director and Finance Director of GEMA/HS. The GEMA/HS Logistics Program Manager is the designated contact (DC) for EMAC. In the absence of the Logistics Program Manager, the agency has identified alternate designated contacts. The DC is commonly referred to as the EMAC Coordinator. The DC coordinates EMAC operations and prepares the official EMAC Request for Assistance (commonly referred to as the REQ-A). When completed, the REQ-A becomes a contract between the requesting and assisting states for the provision of assistance in accordance with EMAC. When the SOC is activated, the Logistics Section Mutual Aid Unit coordinates and manages EMAC missions. This unit will be initially staffed with GEMA/HS personnel, but will likely be augmented by trained EMAC personnel from other states as soon as possible. This unit is also referred to as an EMAC “A” Team.

ESF 12 will coordinate all EMAC requests with the GEMA/HS EMAC DC or the SOC Logistics Section Mutual Aid Unit, when the SOC is activated. No resource (personnel or equipment) may deploy to another state via EMAC

until the REQ-A has been approved and signed by the ARs of the requesting and assisting states, and they have been provided a copy of the REQ-A, briefed and prepared for the mission. To facilitate obtaining any assistance Georgia may need via EMAC, state ESFs should identify their shortfalls in capability and where resources may be obtained to provide this capability. This may be accomplished via informal coordination with sister agencies in other states to determine if the needed resource is available for potential deployment to Georgia, its location and the point of contact for the resource. Such information is critical in expediting a request for assistance via EMAC. For more information on EMAC, contact the GEMA/HS EMAC Designated Contact at 404-635-7200.

5.0 Plan Evaluation, Maintenance and Revision

5.1 Evaluation

GEMA/HS conducts all exercises within the structure provided by the Homeland Security Exercise Evaluation Program (HSEEP). ESF12 will participate in all exercise activities when applicable and will follow the HSEEP process to include active participation in planning and evaluation meetings, workshops and conferences.

GEMA/HS systematically coordinates and conducts event debriefings and compiles after action reports for any incident that calls for the activation of all or any portion of the GEOP. ESF12 will participate in this process when applicable. After Action Reports will document areas for improvement, resource shortfalls and corrective action planning requirements which will be incorporated into the GEOP, its annexes or ESF SOGs when applicable.

5.2 Maintenance and Revision

This Emergency Support Function Annex will be reviewed and updated in accordance with the GEMA/HS Plans Standardization and Maintenance Policy. In addition the document shall be evaluated for recommended revisions and corrective measures as an integral part of the Agency Exercise or Event After Action Reports / Improvement Plans, as well as internal reviews that will follow the issuance of any Governor Executive Order or passage of legislation impacting the Agency.

6.0 Authorities and References

The authority for the Georgia Emergency Operations Plan is based on Official Code of Georgia, Title 38, Section 3, Articles 1 through 3, known as the Georgia Emergency Management Act of 1981, and is compliant with the National Incident Management System and supports the National Response Framework.

O.C.G.A. § 38-3-1, to § 38-3-10, establishes legal authority for development and maintenance of Georgia's Emergency Management Program and organization, and defines the emergency powers, authorities, and responsibilities of the Governor and Director of GEMA/HS. Moreover, the State's Emergency Services and Disaster Laws require that state and local governments develop and maintain current Emergency Operations Plans (EOP) in order to be prepared for a variety of natural

and human- caused hazards. Executive Orders by the Governor supplement the laws and establish specific planning initiatives and requirements.