

Mississippi Emergency Support Function #12 – Energy Annex

MS-ESF #12 Coordinator:

Mississippi Development Authority/
Energy Division

Entergy Mississippi
ATMOS Energy
Municipal Energy Associations of
Mississippi
Center Point Energy
Plantation Pipeline (Kinder Morgan)
Colonial Pipeline
Electric Power Associations of
Mississippi
Propane Suppliers of Mississippi

MS Primary Agencies:

Mississippi Development Authority,
Energy Division

MS Support Agencies:

Mississippi Emergency Management
Agency
Mississippi Public Service Commission
Mississippi Military Department

Federal ESF Coordinator:

Department of Energy (DOE)

Federal Primary Agency:

Department of Energy (DOE)

Private Sector Partners:

Tennessee Valley Authority
Mississippi Power Company

Introduction

Purpose

This Emergency Support Function is intended to facilitate restoration of the state's energy and utility systems following a major disaster, such as a catastrophic earthquake, hurricane, ice storm or other significant event requiring State assistance.

Scope

ESF #12 addresses significant disruptions in energy supplies for any reason, whether caused by physical disruption of energy transmission and distribution systems, unexpected operational failure of such systems, or unusual economic or international political events.

This ESF is applicable to the producing, refining, transporting, generating, transmitting, conserving, building, distributing, and maintaining of energy systems and system components. In this capacity, ESF #12 serves to collect, evaluate and share information on the impact of energy system outages as well as on the progress of the energy restoration process, to include projected schedules for restoration of power, percent completion of restoration, and geographic information on the restoration.

Policies

- It is recognized that the impact of a major natural disaster or a technological or other man-made event affecting one or more areas of the state could result in an energy emergency—when demand for electricity, fuel or any other material related to energy production exceeds the available supply. The secondary effects of damage to energy systems in the state could render local support systems inoperable for a prolonged period.
- Dispersed and widespread damage from a disaster will hinder restoration of energy-producing facilities, which can directly impact other critical facilities and systems—such as transportation, communications, and utility systems. Failure of these systems has a direct effect on a community’s ability to recover from a disaster—which is why timely restoration of energy supply systems is vital.
- ESF #12 shall be activated if an emergency or a major disaster should overwhelm the resources and capabilities of energy systems and agencies at the local level. Response actions under ESF #12 are carried out with the purpose of maintaining the integrity of the energy system and minimizing the impact on Mississippi citizens and visitors.
- ESF #12 involves close coordination with utility companies operating in the state to ensure that the power supply systems are maintained during emergency situations and that any damages are repaired and services restored in an efficient and expedient manner afterward.
- ESF #12 maintains lists of energy-centric critical assets and infrastructures, and it continuously monitors those resources to identify and correct vulnerabilities to energy facilities.

Concept of Operations

General

While restoration of normal operations at energy facilities is the primary responsibility of the facility owners, ESF #12 provides the appropriate supplemental state assistance and resources to facilitate restoration in a timely manner. Key functions under this ESF are as follows:

- The Mississippi Emergency Management Agency (MEMA) will keep all responsible ESF #12 agencies informed of all impending conditions (utility outages, weather, or other event) that would require them to assume a posture of readiness for State Emergency Operations Center (SEOC) activation, possible deployment to the field, or other activity.
- Mississippi Development Authority/Energy Division (MDA/ED) is the primary agency designated to coordinate energy emergency response and restoration activities.

- ESF #12 will serve as the focal point within the State Government for receipt of information on actual or potential damage to energy supply and distribution systems, on requirements for system design and operations, and on procedures for preparedness, prevention, recovery, and restoration.
- ESF #12 agencies will advise State, Local, and Tribal authorities on priorities for energy restoration, assistance, and supply.
- When ESF #12 is activated, ESF #5 and other appropriate ESFs will be activated to support the event. The SEOC will also be activated at the appropriate level (I-IV) for the energy-related emergency.
- Local governments may request generators from the SEOC to use at various critical locations and government owned facilities until Local utility systems can resume full-service to their customers.
- MDA/ED will develop and maintain alert and notification procedures for key energy officials supporting ESF #12. MEMA will assist MDA/ED in maintaining the notification list for those other agencies supporting ESF #12.
- Working in conjunction with ESF #5, MEMA will release through ESF #15 special utility/energy statements. MEMA will also issue conservation bulletins and warnings provided by ESF #12 via the Emergency Alert System (EAS).

Organization

State Emergency Operations Center

ESF #12 is part of the SEOC, Operations Section, Emergency Services Branch.

Field Units

- ESF #10 may be asked to provide personnel to the JFO to work closely with their federal counterparts.

Administrative and Logistical Support

All participating ESF #12 agencies are expected to:

- Locate, identify, and set up their own operational work areas and maintain logistical support for them;
- Attend and support briefings and other coordination meetings, whether at the SEOC or elsewhere;
- Maintain operational logs, messages, requests, and other appropriate documentation for future reference;

- Maintain their own maps, displays, status reports, and other information not included in the ESF-5 operation;
- Keep record of the costs of all available, acquired, and contracted resources incurred during support activities for emergency or major disaster operations for reporting purposes and potential reimbursement; and
- Ensure that their financial management system, automated or otherwise, used to capture their incurred costs during an emergency, major disaster, or exercise is in compliance with applicable agency, State, and Federal guidelines, rules, standards, and laws. Reimbursement of incurred costs is subject to audit.

Actions

Preparedness

Agencies with ESF #12 responsibilities, whether primary or support, are expected to:

- Ensure that they have Standard Operating Procedures (SOPs) in place to enable them to perform appropriate levels of mitigation, preparedness, response, and recovery that a given disaster or emergency may require, in accordance with *Section 33-15-14(2)(a)(viii), MS Code of 1972, annotated.*
- Complete mitigation and preparedness measures prior to an actual emergency or disaster.
- Assign and train personnel to support emergency operations at the State Emergency Operations Center (SEOC), the State Hurricane Support Center (SHSC), the State Earthquake Support Center (SESC), DFO, or on the State Emergency Response Team (SERT), Rapid Needs Assessment Team (RNA), or other areas of operation.
- Develop and, where possible, implement standards for physical and operational security for the energy industry in the state.
- Conduct energy emergency exercises with the energy industry in the state and involving local agencies.

Pre-Incident

- Provide an ECO (and alternate if 24 hour coverage is necessary) and MS-ESF #12 liaison to the SEOC.

Incident

- In response to an emergency, MDA/ED will appoint an Emergency Coordinating Officer (ECO) to work in conjunction with MEMA, other state agencies, and federal agencies in an emergency capacity at the SEOC.

- Upon activation of ESF #12, ECO will communicate this information to all other ESF #12 members.
- Ensure adequate communications are established and maintained.
- Obtain an initial situation and damage assessment through established intelligence procedures.
- Coordinate the distribution of assets as needed.
- Maintain a complete log of actions taken, resource orders, records, and reports.
- Coordinate the efforts through a liaison to ESF #5.
- Assist in gathering and providing information to ESF #5 for establishing priorities.
- Assist gathering and providing information to ESF #15 for press releases.
- If state emergency energy resources are in danger of being exhausted, the ECO may recommend that assistance be requested from other states through the Emergency Management Assistance Compact (EMAC), or from the Federal government through FEMA. The EMAC will be implemented in the event of a major disaster or any emergency that overwhelms the identified energy resources of this state—a process that will be coordinated by MEMA.
- Each agency that is taking action in response to an energy emergency must coordinate its support with ESF #12. ESF #12 will coordinate these responses in an effort to:
 - Provide sufficient power and fuel supplies to state agencies, response organizations, and areas along evacuation routes;
 - Provide, to the extent possible, materials, supplies, and personnel for the support of emergency activities being conducted by local EOCs or state ESFs as requested through the SEOC;
 - Establish and maintain communication with utility representatives and/or fuel suppliers to determine response and recovery needs;
 - Assist the MS Department of Human Services, the American Red Cross, and local EOCs to identify emergency power needs for shelters or other facilities;
 - Work in coordination with Federal ESF #12 personnel if a Joint Field Office (JFO) and/or other support facilities is/are established; and
 - Assist in gathering and providing information to ESF #5 (Emergency Management) for establishing operational priorities and to ESF #15 (External Affairs) for press releases.

Recovery

- Emergency ESF #12 personnel will mobilize to direct and coordinate relief efforts, to communicate with the public and appropriate governmental agencies, and to facilitate restoration of normal service. During the recovery phase of a disaster or emergency, ESF #12 will:
 - Coordinate efforts to provide for resources requested by local, state, and federal agencies for emergency power and fuel needs;
 - Review recovery actions and develop strategies for meeting local and state energy needs;
 - Monitor local, state, and utility actions;
 - Receive and assess requests for aid from local, state, and federal agencies, and from energy offices, energy suppliers, and distributors;
 - Claim resources needed to repair damaged energy systems, when appropriate;
 - Work with all state and local emergency organizations to establish priorities for repairing damaged energy systems;
 - Update state and local news organizations through MEMA with assessments of energy supply, demand, and requirements to repair or restore energy systems; and
 - Keep accurate logs and other records of emergency responses.

Post-Incident

- Agencies with ESF #12 responsibilities will draft recommendations and other reports as appropriate.
- ESF #12 agencies will participate in post-hazard mitigation studies to reduce the effects of any future disasters.
- Prepare an after-action report. The after-action report identifies key problems, indicates how they will be or were solved, and makes recommendations for improving ESF response operations. All ESF #10 organizations assist in preparation of the after-action report.

Responsibilities

MS Development Authority, Energy Division (MDA/ED)

- Develop a SOP and checklist in conjunction with MEMA and supporting agencies for this ESF.

- Staff the SEOC for coordinating state (and federal) energy emergency support.
- Assess availability of energy resources (petroleum, liquid petroleum, natural gas, and/or electrical power) and the demand for those resources by sector.
- Implement energy emergency procedures for reducing demand when necessary.
- Provide technical assistance to utility companies and advisory committees.
- Work closely with other state/private energy/utility companies to coordinate and implement response and to assess impact and damage.
- Allocate fuel.
- Provide personnel for the State Emergency Response Team (SERT) for supporting ESF #12 requirements.

Support Agencies

Agency	Functions
MS Public Service Commission (MPSC)	<ul style="list-style-type: none"> ▪ Provide qualified personnel for assessing impact and damage to pipelines and other regulated utility systems. ▪ Issue fuel waivers.
MS Emergency Management Agency (MEMA)	<ul style="list-style-type: none"> ▪ Coordinate with the MDA/ED and other state agencies to identify state energy resources. ▪ Report to the Governor on current and continuing functions, problems, and activities concerning energy resources. ▪ Provide standardized generator request forms that will be used at the SEOC to process all Local government generator requests.
MS Military Department (MMD)	<ul style="list-style-type: none"> ▪ Assist in transportation of resources and equipment to critical facilities until services are restored. ▪ Provide technicians and operators for generators as available.

APPENDICES

Appendix 1: County Areas Served by Major Power Companies

Appendix 2: Electric Power Association (EPA) Service Areas

(maps provided based on area and/or incident)

REFERENCES

1. List of Generator Suppliers (Refer to Master List maintained by MDA/ED).
2. Refer to list of “Resources” in Web-EOC