

# MISSISSIPPI COMPREHENSIVE EMERGENCY MANAGEMENT PLAN (CEMP)

## ESF #12 Energy Annex

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### Coordinating and Primary Agency

Mississippi Public Utilities Staff (MPUS)

### Support Agencies

Mississippi Emergency Management Agency (MEMA)

Mississippi Public Service Commission (MPSC)

Mississippi State Department of Health (MSDH)/ Division of Radiological Health (DRH)

Mississippi Department of Transportation (MDOT)

Mississippi Military Department (MMD)/ Mississippi National Guard (MSNG)

Mississippi Development Authority (MDA)/ Energy and Natural Resources Division

### Private Sector Partners

Mississippi Power Company

Entergy Mississippi

ATMOS Energy

CenterPoint Energy

Plantation Pipeline (Kinder Morgan)

Colonial Pipeline

Municipal Energy Associations of Mississippi

Electric Power Associations of Mississippi

Propane Suppliers of Mississippi

### Federal Coordinating and Primary Agency

Department of Energy (DOE)

### Federal Support Agencies

Department of Agriculture (USDA)

Department of Commerce (DOC)

Department of Defense (DOD)

Department of Homeland Security (DHS)

Department of the Interior (DOI)

Department of Justice (DOJ)

Department of Labor (DOL)

Department of State (DOS)

Department of Transportation (DOT)

Environmental Protection Agency (EPA)

Nuclear Regulatory Commission (NRC)

Tennessee Valley Authority (TVA)

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**1. INTRODUCTION.** Emergency Support Function (ESF) #12 Energy supports local, state, and tribal entities, voluntary organizations, non-governmental organizations, and the private sector in managing energy systems and infrastructure during domestic threats or in response to actual or potential incidents.

**a. Purpose.** The purpose of this ESF Annex is to provide and maintain an energy infrastructure to support response and recovery missions following an emergency or a major disaster.

The success of this effort requires the coordination, pooling, and networking of both available and obtainable energy resources provided by state agencies, local government entities, voluntary organizations, or other providers.

The term “obtainable” means other necessary resources that must be acquired through contract, lease, purchase, mutual aid agreements, or otherwise from outside the inventory or control of participating agencies. These resources may be in such forms as facilities, personnel, equipment, materials, supplies, consulting services, easements, rights-of-way, technical assistance, or others.

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

This Annex is used to respond to incidents where a threatened or actual incident exceeds local response capabilities. If a local government or private sector energy capabilities or resources become overwhelmed and unable to meet emergency or major disaster needs, ESF #12 will be activated to support those affected. This support will be provided in accordance with the State Comprehensive Emergency Management Plan (CEMP), Mississippi Emergency Management Agency (MEMA) Response Framework, and the National Response Framework (NRF).

If federal ESF #12 is activated to assist local, state, tribal governments, the primary agency for overall coordination of federal resources is the Department of Energy (DOE), in coordination with the Federal Emergency Management Agency (FEMA).

**2. RELATIONSHIP TO THE WHOLE COMMUNITY.** This section describes how ESF #12 relates to other elements of the whole community.

**a. Local, State, and Tribal Governments.** Local, state, and tribal governments, in coordination with energy asset owners and operators, have primary responsibility for prioritizing the reestablishment of critical infrastructure. They are integrated into ESF #12 operations. ESF #12 will assist governments and the private sector with requests for energy-related emergency

response actions as required to meet the Nation’s energy demands and, through DOE, works to identify interdependencies and cascading impacts to other jurisdictions and critical sectors.

As such, a federal response must acknowledge local, state, tribal, and private sector energy policies, authorities, and plans that manage energy systems and prioritize the movement of relief personnel and supplies during emergencies.

**b. Private Sector/Non-governmental Organizations.** The private sector owns or operates a large proportion of energy resources and is a partner or lead for rapidly restoring energy-related services. Stabilization and reestablishment of normal operations at energy facilities is the responsibility of the facility owners and operators. Private-sector mutual aid and assistance networks facilitate the sharing of resources to support response.

For Stafford Act events, ESF #12, through consultation with DOE Headquarters, is the Federal point of contact with the energy industry for information sharing and requests for assistance from private and public sector energy owners and operators.

**3. CORE CAPABILITIES AND ACTIONS.** This section outlines the ESF roles aligned to core capabilities. The following table lists the response core capability that ESF #12 most directly supports, along with the related ESF #12 action. Though not listed in the table, all ESFs, including ESF #12, support the Core Capabilities of Planning, Operational Coordination, and Public Information and Warning:

Core Capability	ESF #12 – Energy
<b>Critical Transportation</b>	<ul style="list-style-type: none"> <li>• Monitor and report the status of and damage to transportation systems and infrastructure.</li> <li>• Identify temporary alternative transportation solutions to be implemented when primary systems or routes are unavailable or overwhelmed.</li> <li>• Coordinate regulatory waivers and exemptions.</li> <li>• Provide longer-term coordination of the restoration and recovery.</li> </ul>
<b>Infrastructure Systems</b>	<ul style="list-style-type: none"> <li>• Assist energy asset owners and operators and local, state, and tribal authorities with requests for emergency response actions as required to meet the Nation’s energy demands.</li> <li>• Identify supporting resources needed to stabilize and reestablish energy systems.</li> <li>• Assist federal departments and agencies by locating fuel for transportation, communications, emergency operations, and</li> </ul>

Core Capability	ESF #12 – Energy
<p><b>Infrastructure Systems cont.</b></p>	<p>national defense pursuant to the authorities available to the assisting agency.</p> <ul style="list-style-type: none"> <li>• In coordination with the Energy Sector-Specific Agency (DOE), 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, acts of terrorism or sabotage, or unusual economic, international, or political events.</li> <li>• In coordination with the Energy Sector-Specific Agency (DOE), addresses the impact that damage to an energy system in one geographic region may have on energy supplies, systems, and components in other regions relying on the same system.</li> <li>• In consultation with energy asset owners and operators and the Energy Sector-Specific Agency (DOE), advises local, state, tribal and federal authorities on priorities for energy system reestablishment, assistance, and supply during response operations.</li> </ul>
<p><b>Logistics and Supply Chain Management</b></p>	<ul style="list-style-type: none"> <li>• Provide subject-matter expertise to the private sector as requested to assist in stabilization and reestablishment efforts.</li> <li>• Through coordination with DOE (refer to Primary Agency Functions), serves as a Federal point of contact with the energy industry for information sharing and requests for assistance from private and public sector owners and operators.</li> </ul>
<p><b>Situational Assessment</b></p>	<ul style="list-style-type: none"> <li>• Works with the Department of Homeland Security (DHS)/FEMA Regions, the private sector, local, state, and tribal authorities to develop procedures and products that improve situational awareness to effectively respond to a disruption of the energy sector.</li> <li>• Coordinate preliminary damage assessments in the energy sector.</li> <li>• Identifies requirements to repair energy systems and monitors repair work.</li> <li>• Through coordination with DOE, ESF #12:             <ul style="list-style-type: none"> <li>○ Serve as a source for reporting of critical energy infrastructure damage and operating status for the energy</li> </ul> </li> </ul>

Core Capability	ESF #12 – Energy
<b>Situational Assessment cont.</b>	<p>systems within an impacted area, as well as on regional and national energy systems.</p> <ul style="list-style-type: none"> <li>○ Assesses the energy impacts of the incident and provides analysis of the extent and duration of energy shortfalls.</li> <li>○ Analyzes and models the potential impacts to the electric power, oil, natural gas, and coal infrastructures and determines the effect a disruption has on other critical infrastructure.</li> </ul>

**4. POLICIES.**

**a.** Through the State Emergency Operations Center (SEOC), MEMA will maintain overall direction, control, and coordination of the response and recovery efforts through coordination with all participating agencies to include federal agencies tasked by the FEMA.

**b.** Mississippi Public Utilities Staff (MPUS) will appoint an Emergency Coordinating Officer (ECO) to work in conjunction with MEMA, local, state, tribal, and federal agencies, and private-sector partners in an emergency energy capacity at the SEOC.

**c.** ESF #12 will be activated if an emergency or 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 to maintain the integrity of the energy system and minimize the impact on Mississippi citizens and visitors.

**d.** ESF #12 will coordinate with utility companies operating in the state to ensure that the power supply systems are maintained during emergencies and that any damages are repaired and services restored in an efficient and expedient manner afterward.

**e.** ESF #12 will maintain a list of energy-centric critical assets and infrastructures and continuously monitor those resources to identify and correct vulnerabilities to energy facilities.

**f.** All available local, private, semi-private, and state resources will be deployed through the Statewide Emergency Assistance Compact (SMAC) or other mutual aid agreements to the maximum extent possible before requesting Emergency Management Assistance Compact (EMAC) or federal assets.

**g.** If state energy resources either have been exhausted or are expected to be exhausted before meeting the demand, the ECO for ESF #12 will recommend that assistance be requested from other states through EMAC or from FEMA.

**h.** The ESF #12 ECO will coordinate from the SEOC or virtually, incident-dependent. However, a catastrophic event may require establishing an additional forward coordination element at a facility near the impacted area.

**i.** In coordination with MEMA and the Mississippi State Department of Health (MSDH)/Division of Radiological Health (DRH), ESF #12 will support the response and recovery efforts of an incident at the Grand Gulf Nuclear Station (GGNS).

**j.** ESF #12 will ensure all supporting agencies maintain and adhere to the Mississippi Radiological Emergency Preparedness Plan (MREPP).

**k.** State energy systems planning will consider municipal, county, and tribal energy and transportation policies and plans used to control the movement of relief personnel, equipment, and supplies, as well as locally established priorities for determining precedence of movement.

## **5. CONCEPT OF OPERATIONS.**

### **a. Assumptions.**

(1) It is recognized that the impact of a major natural disaster, technological, or other man-made event affecting one or more areas of the state could result in an energy emergency. Demand for electricity, fuel, or any other material related to energy production could exceed the available supply. The secondary effects of damage to energy systems in the state could render local support systems inoperable for a prolonged period.

(2) Dispersed and widespread damage from a disaster will hinder the restoration of energy-producing facilities, directly impacting other critical facilities and systems such as transportation, communications, and utility systems. Failure of these systems directly affects a community's ability to recover from a disaster, which is why timely restoration of energy supply systems is vital.

(3) Existing state telecommunications infrastructure will provide the primary means for state government communications.

(4) Primary agencies (including MEMA) and support agencies will perform tasks under their authority, as applicable, in addition to missions received under the authority of MEMA.

(5) Most emergencies and disasters involve damage to property to some extent. Roads, bridges, public utility systems, public and private buildings, homes, and other facilities will have to be inspected, either cleared for use, reinforced, quarantined, or demolished to ensure safety.

(6) State or federal assistance may be required to identify and deploy resources from outside the affected area to ensure a timely, efficient, and effective response and recovery.

(7) Numerous volunteering entities, both governmental and non-governmental, may mobilize personnel, supplies, and equipment to affected areas with neither coordination nor communication with the SEOC or deployed elements.

**b. General.** While restoring 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 activation functions include, but are not limited to:

(1) MPUS is the primary agency for ESF #12 designated to coordinate energy emergency response and restoration activities.

(2) ESF #12 will serve as the focal point within the state government to receive information on actual or potential damage to energy supply and distribution systems, requirements for system design and operations, and procedures for preparedness, prevention, recovery, and restoration.

(3) ESF #12 agencies will advise local, state, and tribal authorities on energy restoration, assistance, and supply priorities.

(4) 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.

(5) MEMA will keep all responsible agencies informed of impending conditions (incident developments, weather, hazardous materials, or other events) that would cause them to assume a readiness posture for activating the SEOC for possible deployment to a forward area of operation or other activity.

(6) In conjunction with ESF #5, MEMA will release through ESF #15 External Affairs special utility/energy statements. MEMA will also issue conservation bulletins and warnings provided by ESF #12 via the Emergency Alert System (EAS).

(7) 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.

(8) MPUS will develop and maintain alert and notification procedures for key energy officials supporting ESF #12. MEMA will assist MPUS in maintaining the notification list for those other agencies supporting ESF #12.

(9) ESF #12, in coordination with ESF #1 (Transportation), will maintain liaison with local, state, tribal, and federal stakeholders related to air, maritime, surface, rail, and pipeline transportation.

(10) Through their county EOCs, local officials should be encouraged to be self-sufficient during the first 2–3 days of a disaster.

(11) Local officials and managers should channel their requests for assistance where possible through county EOCs.

(12) Local and private-sector officials must conduct an initial damage assessment to determine the severity and magnitude of property damage in quantity, community impact, and dollar amount. These results will be reported to the SEOC, where appropriate response actions will be initiated. Where possible, such communication should be routed through the jurisdiction's county EOC.

(13) MEMA will provide public information to evacuees through ESF #15/Joint Information Center (JIC), Mississippi Public Broadcasting (MPB), and commercial broadcast media.

(14) Working in coordination with the SEOC and SWP, the JIC will release special weather statements and warnings provided by the National Weather Service (NWS) to emergency workers and the general population. These releases will be made through the normal ESF #15 release networks, SWP AtHoc mass notifications, and additionally provided to emergency work sites, staging areas, and other incident support sites as needed.

(15) MEMA coordinates EMAC with other states for the augmentation of resources.

## **6. ORGANIZATION.**

**a. State Emergency Operations Center.** In an incident or a major declared state emergency, the ESF #12 ECO or the ESF #12 Emergency Coordination staff will support the SEOC virtually or take up positions at the SEOC, situationally dependent. A current list of agency emergency notifications is maintained at this facility. ESF #12 is part of the SEOC Operations Section, Infrastructure Branch.

**b. SEOC Emergency Point of Contact.** The MEMA State Warning Point (SWP) within the SEOC operates 24/7/365. The SWP is manned by Emergency Telecommunicators and an Operations Section Watch Officer. Emergency contact info is as follows:

**(1) SWP Emergency Telecommunicator(s):**

**(a) Phone:** (601) 933-6876, 6877, 6878 or (800) 222-6362

**(b) E-mail:** [commo1@mema.ms.gov](mailto:commo1@mema.ms.gov), [commo2@mema.ms.gov](mailto:commo2@mema.ms.gov), or [commo3@mema.ms.gov](mailto:commo3@mema.ms.gov)

**(2) Operations Section Watch Officer:**

**(a) Phone:** (601) 933-6671 or (800) 222-6362

**(b) E-mail:** [watchdesk@mema.ms.gov](mailto:watchdesk@mema.ms.gov)

**c. SEOC Sections.** The SEOC maintains the standard four ICS sections:

**(1) Operations Section.** The Operations Section establishes strategy (approach methodology, etc.) and specific tactics/actions to accomplish the goals and objectives set by Command. Operations coordinates and executes strategy and tactics to achieve response objectives.

**(2) Planning Section.** The Planning Section coordinates support activities for incident planning and contingency, long-range, and demobilization planning. Planning supports Command and Operations in processing incident information and coordinates information activities across the response system.

**(3) Logistics Section.** The Logistics Section supports Command and Operations in their use of personnel, supplies, and equipment. Performs technical activities required to maintain the function of operational facilities and processes.

**(4) Finance and Administration Section.** The Finance and Administration Section supports Command and Operations with administrative issues and tracks and processes incident expenses. This includes such issues as licensure requirements, regulatory compliance, and financial accounting.

See the SEOC Operations Section Chief (OSC), Watch Officer, or a SEOC Branch Director for a roster of incident-assigned Section Chiefs.

**d. SEOC Infrastructure Branch Director.** The SEOC maintains three branches within the Operations Section, Infrastructure, Emergency Services, and Human Services, each led by a Branch Director. The Infrastructure Branch Director position is a full-time MEMA Emergency Management Specialist. The Branch Director coordinates ESF #1, ESF #2 (Communications), ESF #3 (Public Works & Engineering), and ESF #12 and is the first line of support for assigned ECOs. The Infrastructure Branch Director monitors and oversees branch administrative and incident activities, WebEOC actions, Situation Rooms (SITRoom) updates, branch adherence to timelines and requirements, supports ECOs with incident coordinations, and conducts SEOC staff briefings, as needed.

Infrastructure Branch Director desk contact information: Phone (601) 933-6737, e-mail: [infrastructure@mema.ms.gov](mailto:infrastructure@mema.ms.gov).

**e. SEOC Situation Rooms.** MEMA developed the Homeland Security Information Network (HSIN) SITRooms to provide stakeholders with a virtual EOC platform to utilize during normal operations or an incident. The SITRooms provide excellent situational awareness for both SEOC and non-SEOC participants. The SITRooms have individual pods with attendee lists, chat capability, current incident priorities and objectives, current operational schedule and meeting times (battle rhythm), downloadable documents and maps, useful links, and video capability.

The event SITRooms utilized by the SEOC for a given event will use one of the following URLs:

<https://share.dhs.gov/msema> (Daily SITRoom: Level IV Normal Operations)

<https://share.dhs.gov/mema-incident> (General Incident SITRoom)

<https://share.dhs.gov/mema-incident1> (Severe Weather/Flooding SITRoom)

<https://share.dhs.gov/mema-incident2> (Hurricane/Tropical Storm SITRoom)

<https://share.dhs.gov/mema-incident3> (Other Emergency/Earthquake SITRoom)

<https://share.dhs.gov/mema-uas> (Unmanned Aerial Systems [UAS] SITRoom)

<https://share.dhs.gov/mrp> (Radiological SITRoom)

<https://share.dhs.gov/jicroom> (JIC SITRoom)

<https://share.dhs.gov/ms-emas> (EMAC SITRoom)

<https://share.dhs.gov/msbeoc/> (MSBEOC SITRoom)

Many of the above-listed SITRoom may not be active during “blue-sky” or non-event periods. The active SITRooms will be published via mass notification before or during an event/incident.

**f. Administrative and Logistical Support.** All participating ESF #12 agencies are expected to:

- (1) Coordinate their support with the ESF #12 coordinator.
- (2) ESF #12 coordinator will coordinate efforts with the SEOC through the Infrastructure Branch Director.
- (3) Locate, identify, and set up their operational work areas and maintain logistical support for them.
- (4) Maintain active accounts and have a working knowledge of WebEOC, the SEOC HSIN SITRoom, and Crisis Track.
- (5) Attend and support briefings and other coordination meetings, whether at the SEOC, via telecommunications (HSIN SIT Room, ZOOM, or Microsoft Teams), or elsewhere.
- (6) Maintain operational logs, messages, requests, and other appropriate documentation for future reference.
- (7) Maintain maps, displays, status reports, and other information not included in the ESF #5 operations;
- (8) Update the SEOC Infrastructure Branch Director on changes to the ESF #12 ECO Roster.

## **7. RESPONSIBILITIES AND ACTIONS.**

**a. Coordinating Agency.** As the Coordinating Agency for ESF #12, MPUS is responsible for, but not limited to, the following:

### **(1) Preparedness.**

(a) Designate an ECO, alternate ECO, Public Information Officer (PIO), and an ESF #12 liaison to report to the SEOC or support virtually.

(b) In conjunction with MEMA and other support agencies, develop and maintain a Standard Operating Procedure (SOP) for this ESF #12 Energy Annex.

(c) MEMA will assist in the development and maintenance of the ESF #12 SOP.

(d) Maintain access to all SEOC personnel, systems, and documentation, including but not limited to the Infrastructure Branch Director, WebEOC, HSIN SITRooms, the CEMP and associated Annexes and Appendices, the MEMA Response Framework, and all SEOC policies and procedures.

(e) Ensure all agencies with ESF #12 responsibility have SOPs in place to perform appropriate levels of mitigation, preparedness, response, and recovery related to the event. Agencies will have completed mitigation and preparedness activities before the initiating event.

(f) Ensure ESF #12 elements are familiar with and operate according to the Incident Command System (ICS).

(g) Assign and train personnel to support emergency operations at the SEOC, Joint Field Office (JFO), Incident Management Assistance Team (IMAT), or other areas of operation.

(h) Conduct energy emergency exercises with the energy industry in the state and involve local agencies.

(i) Complete all mitigation and preparedness measures before an actual emergency or disaster.

**(2) Pre-Incident.**

(a) MPUS will develop and maintain alert and notification procedures for key energy officials supporting ESF #12. MEMA will assist MPUS in maintaining the alert and notification list for other agencies supporting ESF #12.

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

(c) Notify support agency and partners on activation as needed and minimal staffing requirements.

(d) Conduct preliminary staff meeting with complete ESF #12 team assigned to establish strategies for approaching incident(s).

**(3) Incident.**

(a) Upon activation of ESF #12, ECO will communicate pertinent information to all ESF #12 members. Such information will be a complete orientation of the ESF #12 mission, purpose, and scope of work.

(b) Ensure adequate communications are established and maintained.

(c) Obtain an initial situation and damage assessment through established intelligence procedures.

(d) Provide liaison, operational coordination, and reporting on energy-related air, maritime, surface, rail, and pipeline transportation networks.

(e) Provide information to the SEOC for dissemination to the public and private agencies as needed.

(f) Maintain information on private, public, and supplementary energy resources outside the state.

(g) Coordinate the efforts through a liaison to ESF #5 Emergency Management (MEMA Operations Section).

(h) Assist in gathering and providing information to ESF #5 for establishing priorities.

(i) Coordinate the distribution of assets as needed.

(j) If state emergency energy resources are in danger of being exhausted, the ECO may recommend requesting assistance from other states through EMAC or from FEMA. EMAC will be implemented in the event of a major disaster or any emergency that overwhelms the identified energy resources of this state. MEMA will coordinate this process.

(k) Each agency acting in response to an energy emergency must coordinate its support with ESF #12. ESF #12 will coordinate these responses to:

- Provide adequate 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 Mississippi Department of Human Services (MDHS), the American Red Cross (ARC), and local emergency operations centers (EOCs) to identify emergency power needs for shelters or other facilities.

- Work in coordination with federal ESF #12 personnel if a JFO and/or other support facilities is/are established.

- Assist in gathering and providing information to ESF #5 for establishing operational priorities and to ESF #15 for press releases.

(l) Maintain a complete log of actions taken, resource orders, records, and reports.

(m) Provide Situation Report (SITREP) and Incident Action Plan (IAP) input, via WebEOC and appropriate ICS Forms, according to the established operational timeline, event-specific.

(n) Assist in compiling and providing information to ESF #15/JIC for press releases.

(o) Participate in post-incident assessments of public works and infrastructure to help determine critical needs and potential workloads.

(p) ESF #12 may be asked by MEMA to provide personnel to the JFO to work closely with their federal counterparts at the established JFO(s) and in the field.

**(4) Recovery.** Emergency ESF #12 personnel will mobilize to direct and coordinate relief efforts, communicate with the public and appropriate governmental agencies, and facilitate the restoration of normal service. During the recovery phase of a disaster or emergency, ESF #12 will:

(a) Coordinate efforts to provide local, state, and federal resources for emergency power and fuel needs.

(b) Review recovery actions and develop strategies for meeting local and state energy needs.

(c) Monitor local, state, and utility actions.

(d) Receive and assess requests for aid from local, state, and federal agencies and energy offices, energy suppliers, and distributors.

(e) Claim resources needed to repair damaged energy systems when appropriate.

(f) Work with all state and local emergency organizations to establish priorities for repairing damaged energy systems.

(g) Update state and local news organizations through MEMA with assessments of energy supply, demand, and requirements to repair or restore energy systems.

(h) Keep accurate logs and other records of emergency responses.

**(5) Post-Incident.**

(a) ESF #12 agencies will participate in post-hazard mitigation studies to reduce the effects of any future disasters.

(b) Prepare an After-Action Report/Improvement Plan (AAR/IP). The AAR/IP identifies key problems, indicates how they will be/were solved, and makes recommendations for improving ESF response operations.

(c) Ensure all ESF #12 organizations assist in the preparation of the AAR/IP.

(d) Submit AAR/IP to [infrastructure@mema.ms.gov](mailto:infrastructure@mema.ms.gov) and [planning@mema.ms.gov](mailto:planning@mema.ms.gov).

(e) Review and recommend revision to plans and procedures as determined necessary.

(f) Copy, catalog, and properly file all records and documents on the incident.

(g) Compare ESF #12 staff records with MEMA network tasking and tracking system to assure accuracy.

**b. Supporting Agencies.** All ESF #12 Supporting agencies are expected to:

(1) Coordinate their support with ESF #12.

(2) Maintain access to all SEOC personnel, systems, and documentation, including but not limited to the Infrastructure Branch Director, WebEOC, HSIN SITRooms, Crisis Track, CEMP and associated Annexes and Appendices, the MEMA Response Framework, and all SEOC policies and procedures.

(3) Ensure parent agencies' administrative, supervisory, and technical personnel remain aware of the agency's role with MEMA and ESF #12.

(4) Locate, identify, and set up their operational work areas and maintain logistical support for them.

(5) Attend and support briefings and other coordination meetings, whether virtually, at the SEOC, or elsewhere.

(6) Participate in training and exercises when scheduled.

(7) Support development and maintenance of SOPs to enable them to perform appropriate levels of mitigation, preparedness, response, and recovery related to public works and engineering.

(8) Maintain operational logs, messages, requests, and other appropriate documentation for future reference.

(9) Maintain their maps, displays, status reports, and other information not included in the ESF #5 operations.

(10) Provide SITREP and IAP input, via WebEOC and appropriate ICS Forms, according to the established operational timeline, event-specific.

(11) Assist in the preparation of the after-action report and improvement plan.

The chart on the following pages shows the responsibilities of the individual ESF #12 support agencies. The list contains, but is not limited to, the core functions required:

Agency	Functions
Mississippi Emergency Management Agency (MEMA)	<ul style="list-style-type: none"> <li>• Provide overall coordination and support to all participating agencies.</li> <li>• Ensure effective operation of Emergency Management functions (ESF #5) and Public Information Releases (ESF #15).</li> <li>• Coordinate with the MPUS and other state agencies to identify state energy resources.</li> <li>• In conjunction with MSDH)/DRH, provides oversight and evaluation for the emergency preparedness of state and local response assets and planning for communities surrounding the GGNS.</li> <li>• Supports health and safety preparedness of citizens living around GGNS to ensure citizens would be adequately protected in a nuclear power plant (NPP) accident.</li> <li>• Inform and educate the public about radiological emergency preparedness.</li> <li>• Report to the Governor on current and continuing functions, problems, and activities concerning energy resources.</li> </ul>
Mississippi Public Service Commission (MPSC)	<ul style="list-style-type: none"> <li>• Provide qualified personnel for assessing impact and damage to pipelines and other regulated utility systems.</li> <li>• Issue fuel waivers.</li> </ul>
Mississippi State Department of Health (MSDH)/ Division of Radiological Health (DRH)	<ul style="list-style-type: none"> <li>• In conjunction with MEMA, provides oversight and evaluation for the emergency preparedness of state and local response assets and planning for communities surrounding GGNS.</li> <li>• Advises government leadership and coordinating agencies during a radiological event.</li> <li>• Oversees the health and safety preparedness of citizens living around commercial nuclear power plants to ensure citizens would be adequately protected in the event of an NPP accident.</li> <li>• Inform and educate the public about radiological emergency preparedness.</li> <li>• Provides subject matter expertise on radiation to the SEOC and coordinating agencies during a radiological incident.</li> </ul>
Mississippi Department of Transportation (MDOT)	<ul style="list-style-type: none"> <li>• Provide transportation infrastructure situational awareness and planning information to local, state, tribal, and federal planners and response organizations through ESF #1.</li> </ul>

Agency	Functions
Mississippi Department of Transportation (MDOT) cont.	<ul style="list-style-type: none"> <li>• Coordinates activities and shares information needed to ensure that the energy infrastructure sectors can efficiently and effectively coordinate and integrate energy assurance activities.</li> <li>• Provide information on natural gas and hazardous liquid pipelines and liquefied natural gas facilities.</li> <li>• Provide information on waterway movement of energy supplies, including petroleum products and liquefied natural gas.</li> </ul>
Mississippi Military Department (MMD)/Mississippi National Guard (MSNG)	<ul style="list-style-type: none"> <li>• Assist in transportation of resources and equipment to critical facilities until services are restored.</li> <li>• Provide technicians and operators for generators as available.</li> </ul>
Mississippi Development Authority (MDA)/ Energy and Natural Resources Division	<ul style="list-style-type: none"> <li>• Will be called on during extreme emergencies to help staff the EOC and provide points of contact when power outages and/or fuel supplies are the concern.</li> </ul>

**8. AUTHORITIES and REFERENCES.** The procedures in this ESF #12 Energy Annex are built on the core coordinating structures of the CEMP and references listed below. The specific responsibilities of each department and agency are described in the respective ESF, Support, and Incident Annexes, internal agency plans, policies, and procedures. See the CEMP Base Plan or the SEOC Operations Section for a comprehensive list of Authorities and References.

- a. Robert T. Stafford Disaster Relief and Emergency Assistance Act; amended the Disaster Relief Act of 1974, PL 93-288.  
[https://www.fema.gov/sites/default/files/2020-03/stafford-act\\_2019.pdf](https://www.fema.gov/sites/default/files/2020-03/stafford-act_2019.pdf)
- b. Public Law 104-321, October 1996 (EMAC)  
[Public Law 104-321, October 1996](#)
- c. MS Code, Ann. Â§ 33-15(1972): Mississippi Emergency Management Act of 1995, Title 33-15, et al. [Successor to Mississippi Emergency Management Law of 1980]  
[MS Code 33-15](#)

- d. MS Code, Title 45, Chapter 18 Emergency Management Assistance Compact (EMAC)  
[Mississippi Code of 2018, Title 45, Chapter 18](#)
- e. National Preparedness Goal, Second Edition, September 2015  
<https://www.fema.gov/media-library/assets/documents/25959>
- f. National Incident Management System, Third Edition, October 2017  
<https://www.fema.gov/media-library/assets/documents/148019>
- g. National Response Framework, Fourth Edition, October 2019  
[https://www.fema.gov/sites/default/files/2020-04/NRF\\_FINALApproved\\_2011028.pdf](https://www.fema.gov/sites/default/files/2020-04/NRF_FINALApproved_2011028.pdf)
- h. National Disaster Recovery Framework, Second Edition, June 2016  
[https://www.fema.gov/sites/default/files/2020-06/national\\_disaster\\_recovery\\_framework\\_2nd.pdf](https://www.fema.gov/sites/default/files/2020-06/national_disaster_recovery_framework_2nd.pdf)
- i. National Protection Framework, Second Edition, June 2016  
[https://www.fema.gov/sites/default/files/2020-04/National\\_Protection\\_Framework2nd-june2016.pdf](https://www.fema.gov/sites/default/files/2020-04/National_Protection_Framework2nd-june2016.pdf)
- j. National Prevention Framework, Second Edition, June 2016  
[https://www.fema.gov/sites/default/files/2020-04/National\\_Prevention\\_Framework2nd-june2016.pdf](https://www.fema.gov/sites/default/files/2020-04/National_Prevention_Framework2nd-june2016.pdf)
- k. FEMA National Incident Support Manual, Change 1, January 2013  
[https://www.fema.gov/sites/default/files/2020-04/FEMA\\_National\\_Incident\\_Support\\_Manual-change1.pdf](https://www.fema.gov/sites/default/files/2020-04/FEMA_National_Incident_Support_Manual-change1.pdf)
- l. FEMA Incident Action Planning Guide, July 2015  
[https://www.fema.gov/sites/default/files/2020-07/Incident\\_Action\\_Planning\\_Guide\\_Revision1\\_august2015.pdf](https://www.fema.gov/sites/default/files/2020-07/Incident_Action_Planning_Guide_Revision1_august2015.pdf)
- m. FEMA Developing and Maintaining Emergency Operations Plan, Comprehensive Preparedness Guide (CPG) 101, Version 3.0, September 2021  
[https://www.fema.gov/sites/default/files/documents/fema\\_cpg-101-v3-developing-maintaining-eops.pdf](https://www.fema.gov/sites/default/files/documents/fema_cpg-101-v3-developing-maintaining-eops.pdf)
- n. State of Mississippi Comprehensive Emergency Management Plan, January 2022  
[MEMA Downloads/CEMP](#)

## CEMP – ESF #12 Energy Annex

- o. State of Mississippi New Madrid Seismic Zone OPLAN, January 2018  
[MEMA Downloads/State Plans](#)
- p. State of Mississippi Radiological Emergency Preparedness Plan (MREPP), October 2020  
[MEMA Downloads/State Plans](#)
- q. State of Mississippi Hurricane Plan, January 2022  
[MEMA Downloads/State Plans](#)
- r. State of Mississippi Evacuation Plan, January 2022  
[MEMA Downloads/State Plans](#)
- s. MEMA Response Framework, March 2021  
[MEMA Downloads/MEMA Publications](#)

The MEMA reference repository, containing the CEMP base plan, associated annexes, appendices, and other supporting documents, can be found at [MEMA Downloads](#).

Most Mississippi emergency management stakeholders have access to the MEMA Downloads site. However, non-registered stakeholders may gain access to the repository by submitting an e-mail request to [preparedness@mema.ms.gov](mailto:preparedness@mema.ms.gov).

**9. REVIEW AND MAINTENANCE.** At a minimum, the ESF #12 Energy Annex Coordinating Agencies will conduct an annual review of this annex with all support agencies. Additional assessments may be performed if the experience with an incident or regulatory changes indicates a need. Recommended changes will be submitted to MEMA for approval and distribution. Submit recommendations via e-mail to [preparedness@mema.ms.gov](mailto:preparedness@mema.ms.gov).