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EMERGENCY SUPPORT FUNCTION- 12- ENERGY SUPPLY

PRIMARY AGENCY

Energy and Environment Cabinet

SUPPORT AGENCIES

Standing

Attorney General
Department for Energy Development and Independence
Department for Natural Resources
Kentucky Division of Emergency Management
Public Service Commission

Ad Hoc

Cabinet for Economic Development
Cabinet for Health and Family Services
Department for Environmental Protection
Department of Agriculture
Finance and Administration Cabinet
Kentucky Office of Homeland Security
Kentucky Transportation Cabinet
Private Business Partners Group

MISSION

The mission of ESF- 12 is to provide for the organization, coordination, and direction of all energy resources within the Commonwealth for use during an emergency. This is done by defining and establishing responsibility and authority in energy matters at the various levels within the Commonwealth and by establishing close working relationships with public and private sector energy producers, marketers and transporters.

ASSUMPTIONS

Corrective actions will require cooperation at multiple levels of government and with private sector energy providers.

There is a wide range of events, both natural and human derived, that can disrupt existing energy networks. These disruptions will require state, local and federal and agencies to take action, in conjunction with the private sector, to establish normalcy.

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Each event will not require the participation of all agencies. All Events will be managed at the first or lowest level of responsibility.

Energy emergencies affecting the State will normally be managed by agencies that comprise the Kentucky Energy Resources Management Board (ERMB).

DIRECTION AND CONTROL

The Kentucky KyEM Director is the Governor's designated representative to coordinate the Commonwealth's response to all state emergencies. During an energy emergency the Director receives guidance and recommendations from agencies that comprise the Kentucky Energy Resources Management Board. Additionally, the Director coordinates energy emergency policy and actions with the ERMB Chairman, the Secretary of the Energy and Environment Cabinet (EEC). The KyEM Director is responsible for coordinating issues concerning local government operations and works directly with local government through the KyEM area managers

The ERMB is responsible for communicating ERMB policies/directives, established as a result of an energy emergency, to their respective public sector constituencies; representing the needs and interests of their respective constituencies and serving as liaison to national or regional organizations that deal with the same energy issues and/or constituent groups. The ERMB is chaired by the Secretary of the EEC. In the event of a **severe** disaster or war-related crisis the ERMB will be assembled. Permanent members of the ERMB are the Public Service Commission, the Department for Energy Development and Independence (DEDI), Department for Natural Resources, and the Attorney General. Other agencies will be called into action as needed, on an *ad hoc* basis, including, but not limited to the Kentucky Office of Homeland Security, Department of Agriculture, Cabinet for Health and Family Services, Transportation Cabinet, and Department for Environmental Protection.

The Energy and Environment Cabinet is responsible for overall coordination and control of ERMB and chairs the ERMB. The Chair coordinates ERMB activities with Kentucky Division of Emergency Management and the Office of the Governor, as appropriate.

The Department for Energy Development and Independence; Division of Generation, Transmission and Distribution Division is responsible for tracking energy networks affecting the Commonwealth and will provide staff assistance and guidance on the Emergency Energy Assurance Plan to the ERMB.

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CONCEPT OF OPERATIONS

Operational Phases

Preparedness

Review and update disaster procedures as they relate to ESF-12 activities both state and Federal.

Continually monitor energy network infrastructures and supply chains.

Develop Emergency Energy Assurance Plan and train key personnel in operational phases.

Access information on existing state and federal databases regarding energy supplies and demand.

Develop and maintain relationships with all public and private energy industry personnel involved in operational phases of energy management.

Participate in exercises to test the operational effectiveness of the emergency response plan.

Advise and brief energy emergency committee members of their responsibilities.

ERMB convenes annually to review the energy response plan and ensure good communication.

Upon instructions from the Governor or representative shift to Response Phase.

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Response

Complete all steps under Preparedness Phase.

Develop situational energy assessment and provide to EEC Secretary and KyEM.

Contact energy industry personnel and energy emergency committee members to provide update assessment.

Start a continuity file notebook. (Continuity file will consist of all event related actions documented for the event.)

Establish contact with and request information on supply and demand from producers, distributors, or trade organization of the energy commodity experiencing the disruption.

Through KyEM establish contact with county emergency management agencies in the affected areas; obtain information on current energy utilization conditions and needs.

In coordination with the prepare media advisories and public announcements regarding the potential energy shortage and appropriate public actions. Coordinate press releases in accordance with the emergency energy assurance plan.

Obtain current information regarding energy shortages, prices and curtailments in the effected region.

If the nature of the emergency involves multiple states, sharing information and coordinating responses between like agencies will begin.

Establish contact with respective federal government agencies, providing update on emergency status and anticipated actions. Through KyEM identify and contact Federal State Coordinating Office in accordance with Federal Emergency Management Agency (FEMA) Emergency Support Function-12 (as set forth in the National Response Framework).

Upon direction of the EEC Secretary convene the Commonwealth Energy Resources Management Board.

Advise the Governor and KyEM on current and continuing functions, problems and activities in the energy area.

Assist the Governor and/or KyEM in carrying out the policies, plans and instructions pertaining to energy resources as outlined in the emergency energy assurance plan.

Advise the Governor and/or KyEM on Commonwealth energy resource needs.

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Implement policies and programs outlined in the emergency energy assurance plan to maximize available supplies and/or minimize existing demand levels.

Maintain current information on the availability of energy resources and systems within the Commonwealth.

In accordance with the emergency energy assurance plan analyze the current situation and determine the best utilization of available energy resources.

If the situation continues to deteriorate, the ERMB may recommend to KyEM that the Governor declare a state of emergency under the provisions of KRS 39A.100.

If it appears that options available to the Commonwealth to deal with the problem have proven inadequate, the next level of mobilization is to request federal assistance. Federal assistance would generally be available in the case of a national/international energy emergency. The ERMB and representatives from other state departments, as appropriate, will be responsible for coordinating, monitoring and assisting federal programs. Federal assistance may be requested sooner if such actions prevent the need to take more drastic actions.

Recommend opening of public shelters during time of crisis dealing with energy related problems.

Upon instructions from KyEM or the Governor shift to Recovery Phase.

Recovery Phase

Carry out operations as directed by KyEM to save lives and property.

Revert to Response or Preparedness Phase upon direction of the KyEM.

Advise KyEM and the Governor on current and continuing functions, problems and activities related to the energy disruption.

Assist the KyEM and the Governor in carrying out the policies, plans, and directives outlined in the emergency energy assurance plan or current operational plan pertaining to restoring energy resources balance.

Advise the Governor and/or KyEM on state energy resource needs.

Maintain current information on the availability of energy resources.

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Approve request for energy resources based on current policies or situational operation plans.

Issue authorization for necessary use of energy resources to essential users.

Research, analyze and determine the best utilization of available energy resources supply base on current conditions.

Upon completion of the operation, survey organizations for cost of preparing and conducting the operation.

Critique the effectiveness of the emergency energy assurance plan in addressing the situation and formulating a response to the energy disruption.

ASSIGNMENT OF RESPONSIBILITIES

Primary Agency

The Department for Energy Development and Independence will be the primary agency responsible for monitoring, collecting, analyzing and disseminating information on energy networks with the Commonwealth.

The Department for Energy Development and Independence will not normally act in a direct management capacity during an energy emergency, but will provide information and assistance to agencies providing direct assistance.

The Department for Energy Development and Independence will develop and maintain an Emergency Energy Assurance Plan for the Commonwealth.

The Department for Energy Development and Independence will provide staff support to the Kentucky Energy Resources Management Board (ERMB).

The Department for Energy Development and Independence and/or the Public Service Commission will provide staff to the Commonwealth Emergency Operations Center (CEOC) as need.

When required, assign ESF- 12 Coordinators to the Federal Joint Field Office ESF- 12 as described in the National Response Framework.

Support Agencies

All supporting agencies for this ESF will provide information and resources as required by the ESF Coordinator to ensure the proper functioning of the ERMB.

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Supporting Agencies will ensure their representatives to the ERMB are properly trained and exercised on the plans and procedures relating to their work.

When requested, agency representatives will conduct ESF- 12 support activities in accordance with the directives established by the ERMB.

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Specific Agency Duties

State Government

At all phases of an energy emergency KyEM is the primary point of coordination and must be advised of all assistance provided. KyEM and appropriate law enforcement and emergency response agencies must be immediately alerted should events deteriorate to the extent that citizens and property within the Commonwealth are exposed to greater risk. Agency roles are discussed below.

Public Service Commission (PSC)

PSC serves on the ERMB, responsible for all issues dealing with natural gas and electrical service, including utilities normally considered non-jurisdictional. Is responsible for natural gas pipelines and electric transmission issues and chairs or designates the chairperson of the Gas and Electrical Services Committee.

Department for Energy Development and Independence (DEDI)

DEDI serves on the ERMB, is responsible for all issues dealings with petroleum industry [all liquid petroleum fuels and liquid petroleum gas (LPG)] and chairs or designates the chairperson of the Petroleum Products Committee.

Department for Natural Resources (DNR)

DNR serves on the ERMB, is responsible for all issues dealing with coal production and chairs or designates the chairperson of the Coal Production Committee.

DNR is also responsible for all issues dealing with oil and natural gas production. And chairs or designates the chairperson of the Oil and Gas Production Committee.

Office of Attorney General (OAG)

OAG serves on the ERMB where it represents interests of the general public. OAG deals with issues involving price gouging for all energy sources except for utilities under the jurisdiction of the PSC. OAG also chairs or designates the chairperson of the Consumer Affairs Committee.

Other State Agencies and Departments

Depending on the severity and duration of the energy emergency other state agencies may join on an *ad hoc* basis or as permanent members of the ERMB. These agencies may find it beneficial to establish committees with public sector agencies, private companies and associations to resolve problems and expedite solutions.

Advisory Committees

Advisory Committees will be established to assist the ERMB in developing recommendations and policy for energy emergency response and management. Initially there will be five standing committees: Gas and Electrical Services Committee; Oil and Gas Production Committee; Coal Production Committee; Petroleum Products Committee; and Consumer Affairs Committee.

Gas and Electrical Services Committee – Chaired by PSC designated staff and composed of representatives from the natural gas and electrical industry. Includes representatives from Municipal Electric Power Association of Kentucky (MEPAK), the Kentucky Association of Electric Cooperatives, Inc. (KAEC), Tennessee Valley Authority (TVA), and investor-owned natural gas and electric utilities.

Oil and Gas Production Committee – chaired by Department of Natural Resources designated staff and composed of representatives from the oil and gas industry. Includes representatives from the Kentucky Oil and Gas Association (KOGA).

Coal Production Committee- chaired by Department of Natural Resources designated staff and composed of representatives from the coal industry. Includes representatives from the Kentucky Coal Association (KCA) and Kentucky Coal Council.

Petroleum Products Committee- chaired by Department of Energy Development and Independence designated staff and composed of representatives from the petroleum industry. Includes representatives from the Kentucky Petroleum Council (KPC), Kentucky Petroleum Marketers Association (KPMA), Kentucky Gasoline Dealers Association, Kentucky Propane Gas Association (KPGA), major petroleum suppliers and Kentucky Motor Transport Association (KMTA).

Consumer Affairs Committee- chaired by Kentucky Attorney General designated staff and composed of representatives from the Kentucky Chamber of Commerce,

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Associated Industries of Kentucky (AIK), Kentucky Association of Counties (KACo), and Kentucky League of Cities.

Local Government

County governments are responsible for the coordination of all energy resources within their respective areas in coordination with the Kentucky Division of Emergency Management.

Each County Judge/Executive (or Mayor of an urban county government) will coordinate energy resources and supplies during an emergency with the ERMB through the Kentucky Division of Emergency Management.

Each County Judge/Executive (or Mayor of an urban county government) will identify and arrange for initial supplies of petroleum products for emergency and life critical services. These supplies must consider both vehicular and facility requirements.

Local governments will develop energy emergency plans

Industry

Energy industries (mining, production, transportation, wholesale and retail) are responsible for operating their systems and facilities to provide the maximum possible service within their capabilities, and fulfill essential needs as specified by appropriate governmental authorities. This includes responsibility for management, continuity, personnel and facility protection, conservation of supplies, restoration of damaged facilities, and the expansion or improvement of systems as practical and as necessitated under emergency conditions. In order to carry out these responsibilities, the ERMB will convene with industry committees to recommend priorities, provide guidance and develop solutions. Operational control of the energy industries will remain with the responsible officials of the industry.

All other industries will coordinate through the Consumer Affairs Committee or the state agency that transacts most closely with their industry.

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ADMINISTRATIVE SUPPORT

This ESF will be reviewed annually by the Kentucky Division of Emergency Management Planning Branch and the ESF- 12 CEOC Coordinator.

EEC will develop and review an Emergency Energy Assurance Plan and provide an updated copy to the Division of Emergency Management Planning Branch no later than December 1st of each year.

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REFERENCES

- KRS 39A-F
- The National Response Framework
- The National Incident Management System
- Kentucky Division of Emergency Management Commonwealth Emergency Operations Center, Standard Operating Procedures
- Emergency Energy Assurance Plan

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