

Emergency Support Function (ESF) #12

Energy

Primary Agency/ESF Coordinator

City of Rolla Public Works Department

Support Agencies:

City of Rolla Emergency Management Agency
Phelps County Health Department
RMU

I. PURPOSE

Emergency Support Function (ESF) #12 Energy facilitates the reestablishment of damaged energy systems and components.

II. SCOPE

ESF #12 will collect, evaluate, and share information on energy system damage. It will also estimate the impact of energy system outages within the affected area. According to the National Response Plan the term “energy” includes producing, refining, transporting, generating, transmitting, conserving, building, distributing, and maintaining energy systems. Additionally ESF #12 will provide information concerning the energy restoration process such as projected schedules, percent completion of restoration, and other information as appropriate. ESF #12 functions include but are not limited to:

- Energy infrastructure assessment, repair, and reestablishment.
- Energy industry utilities coordination.
- Energy forecast.

III. SITUATION AND PLANNING ASSUMPTIONS

A. **Situation**

The residents of the City of Rolla are serviced by the following utilities:

1. Electric Service: RMU
2. Natural Gas: AMEREN
3. Water: RMU

4. Wastewater: City of Rolla Wastewater
5. Propane: MFA
Ferrellgas
Poe's Rural & City Gas Co. Inc
All Star Gas Inc-Rolla

B. Planning Assumptions

1. A major emergency may cause widespread and possibly prolonged electric power outages or interruptions and/or disruption to the supply and distribution of natural gas, water, and sewer systems.
2. Damage to energy and utility systems in one area or region may affect supplies in other regions that rely on the same systems.
3. Delays in the delivery of petroleum-based fuel products may occur as a result of the loss of electric power.
4. Long-term disruption of utility services may increase the need to establish mass care operations and/or to acquire portable water purification, sanitation, and power generating systems.
5. In major events, State and Federal resources may be provided to assist with utility and energy system restoration, but their ability to react quickly may be limited.

IV. CONCEPT OF OPERATIONS

A. General

1. The ESF primary agency recognizes that there are other departments and agencies that may be called upon to provide assistance. The ESF primary agency reserves the right to call upon agencies and departments not listed in this annex, should the need arise.
2. ESF #12 provides the appropriate supplemental assistance and resources to enable restoration in a timely manner.
3. Collectively, the primary and support agencies that comprise ESF #12:
 - Serve as the focal point within the City of Rolla for receipt of information on actual or projected damage to energy supply and distribution systems and requirements for system design and operations, and on procedures for preparedness, restoration, recovery, and mitigation.
 - Advise local authorities on priorities for energy restoration,

- assistance, and supply.
- Assist industry and local authorities with requests for emergency response actions, as required to meet the City of Rolla energy demands.
 - Assist departments and agencies by locating fuel for transportation, communications, and emergency operations.
 - Provide guidance on the conservation and efficient use of energy to local governments and to the public.
4. The private sector will be relied upon to manage independently until it can no longer do so, or until the health, safety, and welfare of citizens are at risk. The industries will be expected to establish their own emergency plans and procedures and to implement them through their own proprietary systems.

B. Actions by Operational Timeframe

1. Preparedness

- a. Maintain this ESF Annex as well as supporting operating procedures and guidelines.
- b. Ensure personnel receive emergency operations training.
- c. Develop guides and checklists to support emergency energy and utilities operations.
- d. Ensure emergency call-up and resource lists are current.
- e. Ensure the availability of necessary equipment to support energy and utilities activities.
- f. Participate in emergency exercises.

2. Response

- a. Deploy trained individuals to the EOC.
- b. Alert or activate off-duty and auxiliary personnel as required by the emergency.
- c. Coordinate activities with other responding agencies.
- d. Conduct specific response actions as dictated by the situation.

3. Recovery

- a. Continue all activities in coordination with the EOC based on the requirements of the incident.
- b. Support restoration activities.
- c. Replenish supplies and repair damaged equipment.
- d. Participate in after-action briefings and develop after-action reports.
- e. Make necessary changes in this ESF Annex and supporting plans and procedures.

4. Mitigation

- a. Based on known hazards, identify and correct vulnerabilities in the energy and utilities function.
- b. Implement a public awareness campaign regarding energy and utilities safety in emergencies.

V. ROLES AND RESPONSIBILITIES

A. Primary Agency/ESF Coordinator

City of Rolla Public Works Department

1. Provide a representative to the EOC to coordinate ESF #12 activities.
2. Gather information on all energy and utility damages and estimate damage impacts.
3. Work with the other members of the EOC team to set priorities and assign resources.
4. Maintain contact with private energy and utilities and request their presence in the EOC if necessary.
5. Coordinate with the private energy and utility companies to help facilitate the restoration of energy and utilities systems and fuel supplies.
6. Serve as the focal point for all emergency information regarding energy and utilities and ensure appropriate reports and information are shared with the EOC Team.

B. Support Agencies

1. City of Rolla Emergency Management Agency

- a. Coordinate with ESF Coordinator on general guidance and recommendations regarding the utility response to emergency situations.
- b. Identify critical facilities requiring uninterrupted power or priority restoration during emergencies/disasters.
- c. Request assistance relating to petroleum shortages from the State EOC.

2. Phelps County Health Department

- a. Work with water utilities to ensure the provision of safe drinking water.
- b. Provide assistance and information to the public on actions to take to assure safety of potable water.

3. Utility Companies

- a. Provide an emergency point of contact and provide emergency information to the Emergency Management Director and EOC.
- b. Maintain utility restoration priorities for critical facilities.
- c. In coordination with the Emergency Management, update utility restoration priorities for critical facilities in the aftermath of an emergency situation if required.
- d. Where it appears that outages or shortages will be long-term and have a major impact on the City of Rolla, coordinate with the ESF Coordinator on action that should be taken to obtain support for missing services or identify locations so the City of Rolla can act to relocate people who cannot be provided substitute services.
- e. Coordinating with the Emergency Management Director and the EOC, respond to requests for assistance in facilitating utility repair and reconstruction activities.
- f. Ensure utility emergency plans exist and comply with state regulations.
- g. During emergency situations, respond in a timely manner to restore utility service.
- h. Coordinate information regarding utility status, number of customers affected, and areas affected to the ESF Coordinator regularly.
- i. Train and equip utility personnel to conduct emergency operations.
- j. Have utility personnel participate in periodic local emergency exercises to determine the adequacy of plans, training, equipment, and coordination procedures.
- k. Maintain adequate stocks of needed emergency supplies and identify sources of timely re-supply of such supplies during an emergency.
- l. Develop mutual aid agreements to obtain external response and recovery assistance and identify contractors that could assist in restoration of utilities for major disasters.
- m. Ensure utility maps, blueprints, engineering records, and other materials needed to conduct emergency operations are available during emergencies.

VI. CONTINUITY OF GOVERNMENT

Lines of Succession for ESF #12 Energy:

1. Director, City of Rolla Public Works Department
- 2.
- 3.

Suggested Appendices

Appendix 1 –City of Rolla Public Works Department Resources



* _____ * County EOP

ESF #12-6

Month Year