

ESF-16

ENERGY

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ENERGY

PRIMARY AGENCIES: Springfield City Utilities (CU) Independent Energy Suppliers

SUPPORT AGENCIES: Missouri Public Service Commission
Missouri Attorney General

I. PURPOSE

Coordinate the restoration and response activities of energy systems and the provisions of emergency power as necessary and available.

II. SITUATION AND ASSUMPTIONS

A. Situation

1. Springfield/Greene County is subject to many types of hazards (**see Hazard Mitigation Plan**). Public Works and energy providers could become involved in any of these and could be asked to perform any of a large number of assignments.
2. The residents of Springfield/Greene County are served by several different energy companies (**Appendix 2 to this ESF**).
3. Private resources are available in the region to assist in utilities activities.
4. Outside resources are available to assist should all local resources become committed.

B. Assumptions

1. Local utility companies will not have adequate resources to cope with a major catastrophic disaster.
2. Local private resources should be adequate to supplement public resources.
3. Local utility companies have mutual aid agreements with other utility companies that will respond when called upon to do so.
4. State and federal assistance will respond when called upon.
5. When a disaster occurs, all equipment and personnel will be available for response.

III. CONCEPT OF OPERATIONS

A. General

During a classified emergency (**ESF-1, Appendix 2**), the Energy Coordinator(s) will coordinate activities with the EOC or the site incident command post.

B. Actions to be Taken by Operational Time Frames

1. Mitigation

- a. With the potential hazards (**see Hazard Mitigation Plan**) that could affect Greene County, identify:
 - (1) Special procedures that need to be developed.
 - (2) Establish mutual aid agreements with other utility companies.
 - (3) Vulnerabilities in the energy system.
- b. Train personnel in emergency procedures.
- c. Review all other ESFs of this plan to clarify roles.
- d. Develop emergency procedures to include, but not limited to, the following:
 - (1) Call-up lists
 - (2) Emergency energy service to critical facilities
 - (3) Restoration of normal energy utilities
 - (4) Support to other agencies
- e. Establish contact with private resources that could provide support during an emergency.
- f. Recommend local actions on fuel conservation.
- g. Participate in drills, tests, and exercises to include critique and follow-up actions.

2. Preparedness

- a. When advised of a potential hazard, check status of:
 - (1) Personnel
 - (2) Equipment
 - (3) Supplies
 - (4) Facilities
- b. Activate call-up plans
- c. Establish contact with the EOC.
- d. Ensure protection of all personnel and equipment.
- e. Maintain increased readiness status until the situation escalates or stand-down is given.

3. Response

- a. Provide support on a priority basis as determined by the EOC or the Incident Commander.
- b. Restore energy service to critical facilities as required.
- c. Restore energy service to facilitate emergency operations.
- d. Survey damage to energy resources and report to the EOC.
- e. Make recommendations to the EOC on:
 - (1) Priority of repairs
 - (2) Outside assistance required
- f. Assist local agencies in obtaining fuel for transportation and emergency operations.
- g. Assist in estimating the total population exposed to the emergency.

4. Recovery

- a. Coordinate repairs by outside agencies.
- b. Support decontamination, if necessary.
- c. Participate in after-action reports and critiques.
- d. Make necessary changes in plans and procedures.
- e. Recommend changes in planning, zoning, and building codes to mitigate future disasters.

IV. ORGANIZATION AND ASSIGNMENT OF RESPONSIBILITIES

A. Primary Agencies:

Independent Energy Suppliers

- 1. A representative from the affected energy company(s) will act as the Energy Coordinator for Greene County.
- 2. Monitor the procedures followed by individual energy providers during energy generating capacity shortages or outages to ensure consistent action and communication.
- 3. Coordinate and communicate with the EOC and report to the command group information regarding:
 - a. Electric generating capacity
 - b. Expected electric peak load
 - c. Geographic areas and number of customers that are expected to be impacted
 - d. Status of major generating unit outages
 - e. Expected duration of event
- 4. In the event of a shortage of automotive transportation fuels or fuels needed for other industrial purposes, coordinate with industry groups and associations to obtain needed fuel supplies.

City Utilities

- 1. The City Utilities Designated Representative will act as the Energy Coordinator for the City of Springfield.
- 2. Other responsibilities for coordination are the gas, electric, and telephone utilities that are responsible for restoring services to their customers.
- 3. Monitor the procedures followed by individual energy providers during energy generating capacity shortages or outages to ensure consistent action and communication.
- 4. Coordinate with the EOC and report information regarding:
 - a. Electric generating capacity
 - b. Expected electric peak load
 - c. Geographic areas and number of customers that are expected to be impacted
 - d. Status of major generating unit outages
 - e. Expected duration of event
- 5. In the event of a shortage of automotive transportation fuels or fuels needed for other industrial purposes, coordinate with industry groups and associations to obtain needed fuel supplies.

B. State Primary Agencies:

Missouri Public Service Commission

Monitor and regulate energy related resource issues.

Missouri State Attorney General

Monitor energy related issues to include price fixing or gouging.

C. Federal Primary Agency

U.S. Department of Energy

Serve as a focal point for issues and policy decisions relating to energy in all response and restoration efforts.

V. DIRECTION AND CONTROL

- A. Springfield City Utilities will be controlled from their Emergency Control Center through a liaison representative in the Springfield/Greene County EOC.
- B. The representatives of other energy providers will locate to the Springfield/Greene County EOC, if needed. The representative(s) will maintain updates and direction through contact between the EOC and the City Utilities Control Center or other energy control centers.
- C. Outside resources will be under the direct control of the agency supervisors, but will be deployed by the EOC and controlled by the incident commander.

VI. CONTINUITY OF GOVERNMENT

A. Lines of succession

1. Greene County

- a. Director of Utilities in affected areas.
- b. Assistant Director/Manager in affected areas.
- c. As internally established by the Director of the Utilities affected.

2. Springfield

- a. City Utilities General Manager.
- b. As internally established.

VII. ADMINISTRATION AND LOGISTICS

A. Administration

Resources for this function will be requested through Direction and Control (**ESF-1**).

B. Logistics

Emergency supplies should be procured through normal procurement channels when possible. If normal channels are inappropriate and procurement is made direct, adequate records should be kept.

VIII. ESF DEVELOPMENT AND MAINTENANCE

It is the responsibility of the Office of Emergency Management and the Energy Coordinators to support the maintenance of this ESF. Energy providers will participate in regularly conducted drills and exercises and incorporate the results into the ESF.

IX. REFERENCES

- A. City Utilities: Procedures for Gas Emergencies (March 2004)
- B. City Utilities: Oil Spill Prevention Control & Counter Measure Plan (SPCC) – Substations (May 2000).