



Emergency Support Function 12 Energy

- ESF Coordinator:** Mills County Emergency Management Agency
- Primary Agencies:** Mills County Emergency Management Agency
(see ESF Attachment 12b. – Energy Providers and Key Facilities)
To include Energy Providers
Pipelines
Gasoline/Diesel
Propane Stations
Natural Gas Providers
- Support Agencies:** Mills County Sheriff's Department
Glenwood Police Department
Mills County Communications
Mills County Emergency Services Association (MCESA)
Mills County Public Health (MCPH)

I. INTRODUCTION

- A. Purpose
Emergency Support Function 12 (ESF-12), Energy, provides for the effective use of energy systems and components required to meet essential needs during a potential or actual incident of countywide significance.
- B. Scope
The scope of this plan is for the entire County. Under ESF-12, agencies collect, evaluate, and share information on energy systems damage and estimate the impact of energy systems outages within affected areas. The term “energy” includes producing, refining, transporting, generating, transmitting, conserving, building, distributing, and maintaining energy systems and system components. The scope of this plan includes gathering the information concerning the energy restoration process such as project schedules, percent completion of restoration, geographic information on the restoration, and other information as appropriate.

II. POLICIES

- A. In the event the state is affected by significant energy shortages or emergencies, the Iowa Energy Assurance Plan shall be implemented. The authority to implement this plan resides in:
1. Iowa Administrative Code 561.1.2(3) and 561.1.3(2)f(1) and;
 2. Iowa Code Chapter 473, Sections 8, 9 and 10.
- B. Restoration of normal operations of energy facilities is the responsibility of the facility owners.
- C. All energy providers, whether publicly or privately owned, will be prepared to respond to energy-related needs resulting from an emergency or disaster.

- D. Primary agencies should develop lists of energy-related critical asset infrastructure. These lists are maintained and continuously monitored to identify and mitigate vulnerabilities to energy facilities. Support agencies should develop lists of critical infrastructure that would be negatively impacted in an energy emergency and any measures that have or could be taken to mitigate the impact.
- E. Primary and support agencies should ensure that a Continuity of Operations Plan (COOP) is in place to maintain essential services.
- F. Agencies should train personnel in plans, procedures and appropriate level National Incident Management System (NIMS)/Incident Command System (ICS).
- G. All primary and supporting agencies should maintain a list of essential personnel to be the liaison at the Mills County EOC.
- H. Primary and support agencies may provide a liaison to the Mills County EOC when activated.

III. CONCEPT OF OPERATIONS

- A. General
 - 1. Disruptions in energy supplies are typically caused by physical disruption of energy transmission and distribution systems, or the unexpected operational failure of such systems.
 - 2. Responding to energy and petroleum shortages or disruptions and their effects is necessary for preservation of the public health, safety, and general welfare of the county's residents, workers, and visitors. Activities during an energy emergency could include but are not limited to:
 - a. Assess fuel and electric power damage.
 - b. Assess energy supply and demand.
 - c. Assess the requirements for restoration.
 - d. Coordinate with electric utilities and the petroleum and natural gas industries to identify requirements to repair energy systems. The Mills County EOC will provide supporting resources when available.
 - e. The Mills County EOC will identify priorities and the primary agencies will establish priorities to repair damaged energy systems and communicate that information with the Mills County EOC.
 - f. Coordinate temporary, alternate, or interim sources of energy, fuel and power when necessary.
 - g. Obtain current information regarding damages to energy supply and distribution systems.
- B. Organization
 - 1. Emergency Management will engage public and private electric generation and service providers to form the ESF 12 Working Group who will establish a common plan and network in order to meet the objectives of this support function.
 - 2. Pipeline operations as well as end-user fuel distributorships are also a vital energy delivery system which could impact the county. Such providers will also be included in the ESF Working Group.

- C. Procedures
1. To the maximum extent possible, energy providers will continue to provide services through their traditional means and mutual aid agreements.
 2. The EOC and the energy provider liaisons will develop a clear message for the Public Information Officer (PIO) regarding energy/fuel supply status and restoration.
 3. In events of countywide significance, energy providers should compile damage assessment reports and transmit them to the Mills County EOC through their liaison. These assessments will be utilized for emergency response and public protection planning as well as being forwarded to the Iowa Homeland Security and Emergency Management Division (HSEMD).
 4. All primary and support agencies may conduct inspections of their infrastructure. Support agencies will assemble reports of infrastructure damage/impact and recommend priorities to the Mills County EOC leadership. The Mills County EOC staff will prioritize the needs and recommend restoration priorities to the primary agencies.
- D. Phases of Emergency Management
1. Mitigation and Preparedness Activities
 - a. Coordinate with local jurisdictions to develop reasonable supplemental energy utility resource plans.
 - b. Develop, maintain and exercise operating procedures for response to an emergency or disaster.
 - c. Maintain up-to-date records and contact information of points of contact representing each company involved in the energy sector in the County.
 2. Response and Recovery Activities
 - a. Coordinate response and recovery actions through the Mills County EOC.
 - b. Provide information concerning energy resources to the Mills County EOC.
 - c. To the extent possible, determine priorities among users if adequate energy supplies are not available to meet all essential needs.
 - d. Assist in the administration of the energy allocation program in accordance with the governor's emergency powers.
 - e. Compile and maintain updated damage and operational capability reports.
 - f. Follow in-house procedures for the repair and restoration of transmission lines, pipelines, etc. to return service to normal.

IV. RESPONSIBILITIES

A. General

1. Emergency operations will follow the principles of NIMS/ICS.
2. Primary and support agencies should provide accurate and timely status updates to the EOC.
3. Perform life safety and property preservation operations when requested.
4. Provide resources and expertise as requested by the Mills County EOC.
5. Critical personnel and supporting agencies should be trained in their role in the event of an emergency or disaster.
6. Primary and support agencies will endeavor to provide accurate and timely emergency public information as coordinated through the Mills County EOC.

B. Primary Agencies

1. Primary agencies should identify critical personnel and responsibilities, appropriate emergency notification procedures, and alternate work locations.
2. Assess infrastructure damage, supply adequacy and market situation. Identify restoration priorities to the Director of the Mills County EOC.
3. Coordinate and allocate emergency energy resources with utilization of local resources as the first priority.
4. Confirm initial notification is sent out, via EMA (CodeRED), Radio (FM/AM), and NWS (Emergency Alert System).

B. Support Agencies

1. Support agencies should identify critically impacted infrastructure and alternatives.
2. Assess infrastructure damage. Identify restoration requirements and priorities to the Director of the EOC.

V. ATTACHMENTS

ESF Attachment 12.1	Emergency Response Checklist
ESF Attachment 12.2	Energy Providers / Facilities
ESF Attachment 12.3	Critical Facilities with priority electrical restoration
ESF Attachment 12.4	Electric Service Provider Map
ESF Attachment 12.5	Iowa Pipeline Association Contact Information
ESF Attachment 12.6	Pipeline Map

ESF Attachment 12.1
Emergency Response Checklist – Energy

Emergency Response Checklist – Energy	
Emergency Management Phase	Actions
<p><u>Mitigation</u> Activities designed to prevent or lessen the effects of a hazard.</p>	<ul style="list-style-type: none"> ___ Based on known hazards, identify and correct vulnerabilities in the energy and utilities function. ___ Implement a public awareness campaign regarding energy and utilities safety in emergencies.
<p><u>Preparedness</u> Activities designed to improve Readiness capabilities.</p>	<ul style="list-style-type: none"> ___ Maintain this ESF as well as supporting operating procedures and guidelines. ___ Ensure personnel receive emergency operations training. ___ Develop guides and checklists to support emergency energy and utilities operations. ___ Ensure emergency call-up and resource lists are current. ___ Ensure the availability of necessary equipment to support energy and utilities activities. ___ Participate in emergency exercises.
<p><u>Response</u> Activities designed to save lives, protect property and contain the effects of an event.</p>	<ul style="list-style-type: none"> ___ Deploy trained individuals to the EOC. ___ Alert or activate off-duty and auxiliary personnel as required by the emergency. ___ Coordinate activities with other responding agencies. ___ Conduct specific response actions as dictated by the situation.
<p><u>Recovery</u> Activities designed to ensure continued public safety and return the community to pre-disaster levels.</p>	<ul style="list-style-type: none"> ___ Continue all activities in coordination with the EOC based on the requirements of the incident. ___ Support restoration activities. ___ Replenish supplies and repair damaged equipment. ___ Participate in after-action briefings and develop after-action reports. ___ Make necessary changes in this ESF and supporting plans and procedures.

ESF Attachment 12.2
Energy Providers and Key Facilities

Jurisdiction	Electric	Gas	Telephone	Cable	Water	Solid Waste
Emerson	MidAmerican Energy	MidAmerican Energy	CenturyLink	Interstate Communications	City of Emerson*	Individual contracts
Glenwood	MidAmerican Energy	Aquila	CenturyLink	Mediacom	Glenwood Municipal Utilities Board	Individual contracts
Hastings	MidAmerican Energy	MidAmerican Energy	CenturyLink	Available through satellite	City of Hastings*	Individual contracts
Henderson	MidAmerican Energy	MidAmerican Energy	CenturyLink	Available through satellite	City of Henderson*	Konfrst Waste Disposal
Malvern	MidAmerican Energy	MidAmerican Energy	CenturyLink	Western Iowa Networks	City of Malvern*	Individual contracts
Pacific Junction	MidAmerican Energy	MidAmerican Energy	Western Iowa Networks	Available through satellite	Glenwood Municipal Utilities Board	Individual contracts
Silver City	MidAmerican Energy	MidAmerican Energy	CenturyLink	Interstate Communications	City of Silver City*	Individual contracts

*Contracts with People Service, Inc.

Pipelines:

Black Hills Energy (Natural Gas)

1701 48th St. Ste. 260 West Des Moines, IA. 50266

24 Hr: (800) 698-8989

Web site: www.blackhillsenergy.com or www.blackhillscorp.com

E-Mail: custserv@blackhillscorp.com

BP Pipelines (North America), Inc.

8230 Whitcomb St. Merrillville, IN 46410

Phone: 1-219-472-2357

Web site: www.bppipelines.com

Buckeye Partners, L.P. (Diesel Fuel, Gasoline)

One Greenway Plaza – Ste 600 Houston, Texas 77046

24 Hr: (800) 331-4115

Web site: <http://www.buckeye.com>

Kinder Morgan (Natural Gas)

500 Dallas St., Suite 1000, Houston, TX 77002

24 Hr: (800) 733-2890

Phone: 1-888-844-5658 Web site: www.kindermorgan.com

MidAmerican Energy Company (Natural Gas / Electricity)

PO Box 657 Des Moines, IA 50306-0657

Phone: 800-432-9141

Website: www.midamericanenergy.com

National Cooperative Refinery Association NCRA (Gasoline, Fuel Oil, Diesel)

2000 S. Main, PO Box 1404, McPherson, Kansas 67460-1404

24 Hr: (888) 367-6671

Phone: 620-241-2340

Web site: www.ncra.coop

Northern Natural Gas Company (Natural Gas)

1111 South 103rd Street Omaha, NE 68124

Web site: www.northernnaturalgas.com

Oneok North System, L.L.C. (Refined Motor Fuels, Ethanol, Propane, ISO-Butanes, Natural Gas)

P.O. Box 29 Meford, OK 73759

24 Hr: (888) 888-5658

Web site: www.oneokpartners.com

Electrical Service Providers:

MidAmerican Energy Company

PO Box 657 Des Moines, IA 50306-0657

Phone: 800-432-9141

Website: www.midamericanenergy.com

REC – Emerson Area*

415 Broad Ave. Stanton, Iowa 51573

Phone: 888-591-1260

*REC works with CIPCO – see info below

CIPCO (Central Iowa Cooperative) (Electricity)

PO Box 2517 Cedar Rapids, Iowa 52406

24 Hr: (866) 782-5518

Phone: (319) 366-8011

**ESF Attachment 12.3
Critical Facilities – Priority Electrical Restoration**

Water /Sewer Departments:

Glenwood Water Treatment Facility (712) 527-4941	21482 Kane Avenue Pacific Junction, IA 51561	Dale Marshall H: (712) 527-5892 W: (712) 527-4868 C: (402) 658-0571
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Glenwood Waste Water Treatment Plant (712) 527-4621	60506 Kesterson Road Glenwood, IA 51534	Dale Marshall H: (712) 527-5892 W: (712) 527-4868 C: (402) 658-0571
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People Service
(402) 344-4800 – Omaha Office
(888) 861-1921 – 24 Hr Contact
www.peopleservice.com

Extended Care Facilities:

Manor Of Malvern 712-624-8661	903 2nd Avenue Malvern, IA 51551
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Glen Haven Home 712-527-3101	6th Street Glenwood, IA 51534
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Glenwood Resource Center 712-527-4811	711 S. Vine Street Glenwood, IA 51534
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On With Life Rehab 712-527-2294	722 Orchard Street Ste 100 Glenwood, IA 51534
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Linnwood Estates 712-527-1035	700 N. Linn Street Glenwood, IA 51534
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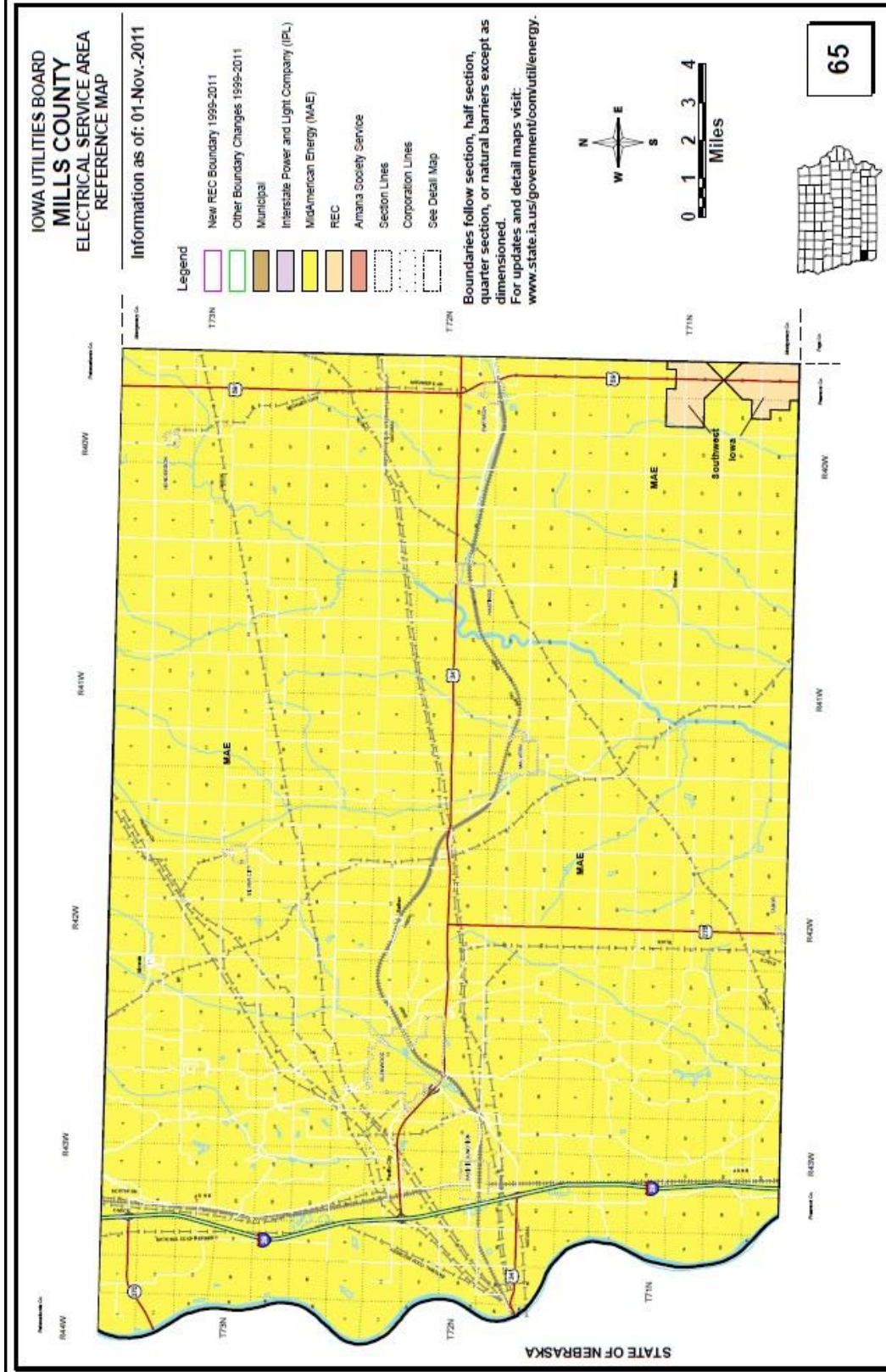
Park Place 712-527-4841	114 Green Street Glenwood, IA 51534
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Phone Offices / Switchboxes:

CenturyLink / Qwest Communications Glenwood (612) 798-2424	206 North Walnut Street Glenwood, IA 51534	ENV Center/Unicall (800) 201-7033 (866) 864-2255
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CenturyLink / Qwest Communications Malvern (612) 798-2424	506 East 5th Street Malvern, IA 51551	ENV Center/Unicall (800) 201-7033 (866) 864-2255
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ESF Attachment 12.4
Electric Service Provider Map



**ESF Attachment 12.5
Iowa Pipeline Association Contact Information**



**Iowa Pipeline Association
Phone: 1-888-860-8388
www.iowapipelinesafety.com**

ESF Attachment 12.6
County Pipelines Map

