

RICHLAND COUNTY EMERGENCY SUPPORT FUNCTION (ESF) 12

ENERGY

JOINT LEAD COORDINATING AGENCIES: Richland County Administrator's Office
Richland County Emergency Management

SUPPORT AGENCIES: Richland County LEPC

STATE SUPPORT AGENCIES: Public Service Commission of Wisconsin (PSC)
Public Service Commission of Wisconsin/Office of
Energy Innovation (OEI) / State Energy Office
Wisconsin Emergency Management (WEM)
Wisconsin Department of Administration (DOA)
Wisconsin Department of Administration – Office
of Sustainability and Clean Energy (DOA-OEI)

I. INTRODUCTION

A. **Purpose:**

[Note: The County does not have the capacity to generate or distribute energy supply. The county's role would be to provide support to energy suppliers and distributors during the response/restoration phase. In addition, the county's role would be to support mass care and sheltering.]

The purpose of this Emergency Support Function (ESF) is:

1. To determine the extent of an emergency and appropriate response and coordinate/implement mitigation strategies.
2. To provide county support to municipalities, in an all-hazards approach, when responding to a natural/manmade disruption of energy supplies and distribution.
3. To provide county technical/logistical support to infrastructure owners, suppliers and distributors.
4. To provide guidance for the strategic use of available electric power, natural gas, and petroleum products in ways that meet essential needs and facilitate restoration of energy systems affected by an emergency.
5. To provide transitional coordination during the event.

B. Scope:

1. All actions following any emergency or disaster will be determined by the specific event needs and will be outlined in the subsequent Incident Action Plan.
2. ESF 12 describes the lead coordination roles, and the division and specification of responsibilities among county agencies.
3. ESF 12 is applicable to all county departments and agencies with responsibilities and assets to support local response to actual or potential energy emergencies.
4. County agency actions are determined by specific statutes, agency plans, ordinances and policies. Appropriate response and recovery actions can include efforts to provide appropriate response and mitigation for emergencies involving energy.

II. POLICIES

- A. For the purposes of this ESF, the term energy in energy emergency applies to electrical power, natural gas, petroleum, coal, biofuels, solar and nuclear energy.
- B. Wisconsin Statutes 196.029 authorizes the Governor to declare an energy alert. Once declared, the Department of Administration may compel energy producers, importers or sellers to furnish information on existing and future fuel supplies and anticipated fuel demands. Electricity, natural gas and wood fuels are excluded from this authority. In addition, under Wis. Stats 196.025(7)(a)3., the DOA is to “Prepare and maintain contingency plans for responding to critical energy shortages so that when the shortages occur they can be dealt with quickly and effectively.”

The PSC will be the coordinating agency under ESF 12. However, with statutory authority over petroleum and coal products designated to DOA, the PSC will work with the DOA in the event of a disaster that involves those energy sources to meet the intent of ESF 12.

- C. The PSC will coordinate any energy-related activities of other state agencies during an energy emergency. Those state agencies (see State ESF 12 in WERP) with additional authority will be notified to implement their energy emergency plans.
- D. If an energy emergency should occur, the Governor may ask the public to institute voluntary measures that conserve energy and ensure supply to

critical facilities. The PSC would work with other agencies to identify the appropriate conservation measures. Mandatory energy reduction measures would only be implemented as necessary.

- E. If allocation of energy resources is required, priority will be given to the economic well being, health or welfare of the citizens of this county.

III. CONCEPT OF OPERATIONS

A. General

1. Response to energy disruptions and their effects is necessary for preservation of the public health, safety, and general welfare of our citizens. The PSC will use all sources available including the Wisconsin Energy Assurance Plan (EAP) which describes the state government's strategy for responding to a full spectrum of potential energy emergencies in Wisconsin and the region. The EAP is designed to be an appendix to the Wisconsin Emergency Management's (WEM) Emergency Support Function-12 (ESF-12) plan. In the event of an energy emergency, the PSC, through Richland County ESF 12, may among other activities, as necessary:
 - a. Work with all affected stakeholders to compile estimates of the extent of damage to energy delivery systems such as pipelines, transmission lines, fuel terminals, rail lines, etc.
 - b. Request and analyze current information regarding energy supply and demand.
 - c. Identify critical demand and supply needs for high risk/priority customers and producers.
 - d. Coordinate with county and local agencies to assist with the emergency.
 - e. Coordinate with energy producers and providers to identify critical repair requirements.
 - f. Coordinate with local jurisdictions to establish damage repair priorities.
 - g. Coordinate the supply and distribution of temporary or alternate energy sources.

- h. Implement and coordinate emergency measures to reduce demand with an emphasis on voluntary measures.
- i. Assess the requirements for restoration of critical energy services.

B. Energy Industry Organization

1. Electric Power

- a. The electric power industry within Wisconsin participates in two Regional Reliability Councils recognized by the North American Electric Reliability Council (NERC). ReliabilityFirst Corporation covers the southeast region of Wisconsin and the area around Green Bay. The Midwest Reliability Organization covers the remainder of the state. The Regional Reliability Councils are dedicated to maintaining electric reliability throughout their areas of operations and would be a major responder in the event of any energy emergency impacting the electric system.
- b. The American Transmission Company is responsible for maintenance and operation of the transmission lines which deliver bulk electric power to the eastern two thirds of Wisconsin and Dairyland and Excel Energy are responsible for the Western part of Wisconsin. At a local level, power is distributed by investor-owned utilities, municipal utilities and cooperative utilities to individual end users.
- c. The Midwest Independent Transmission System Operator (MISO) is a multi-state organization that is responsible for reliability of the electric transmission grid. MISO instructs the local electric utilities how to dispatch generation.
- d. Many end users with high reliability needs (e.g., health care facilities, manufacturers, etc.) have installed back-up generation which is outside the control of the primary electric generation and distribution system. This source of electric power is largely unregulated and less accessible to control in emergency situations.

2. Natural Gas

- a. Natural gas enters Wisconsin through five (5) major interstate pipeline systems. The transmission company serving Richland County is Northern Natural Gas. The local distribution

companies that deliver gas to consumers are Alliant Energy for the Lone Rock area up to just south of Sextonville. Orion, Richland, Ithaca and northern Buena Vista townships have population center service through We Energies.

- b. Large industrial and commercial users have the option to purchase their natural gas supplies independently and contract separately for delivery. Like emergency electric generation, this portion of the gas supply is unregulated and less amenable to control in an emergency situation.

3. Petroleum

- a. Refined petroleum products enter the state primarily from pipelines as well as by truck and rail.
- b. In Richland County, all liquid fuels are supplied by tanker trucks via highway routes.
- c. Distribution occurs from several independent and bulk suppliers. Retail outlets and farm supply companies normally have several grades of gasoline and two grades of diesel fuel along with biofuel.

4. Coal and Solid Fuels

- a. Coal, Wood and other Solid Fuels may be delivered by rail and barge, peripheral to Richland County. Various bagged forms of fuels can be trucked in via highway.

C. Organization

- 1. During an emergency or disaster situation, the primary and support agencies of Richland County ESF 12 will assign personnel to the Richland County EOC, as appropriate. The Emergency Management Director/EOC Manager in the EOC will be responsible for ESF 12 implementation.
- 2. The Emergency Management Director/EOC Manager may assign lead coordinating responsibilities to the appropriate support agency, depending on the type of energy emergency situation.
- 3. Experienced/trained personnel on the Richland County LEPC may be asked to provide advisory input during the planning, response and recovery phases of the event.

D. Procedures

1. In the event of an actual or potential energy emergency, Richland County Emergency Management, the WEM 24-hour duty officer and the WEM Southwest Region Director will be in communication to determine the appropriate action(s).
2. ESF 12 coordination will be through the lead County ESF 12 agency.
3. WEM will contact PSC, DOA and other appropriate State ESF 12 support agencies.
4. The PSC, working with others, will provide information relating to energy emergencies to the County EOC and State EOC (if activated) in order to facilitate the appropriate response. County emergency management will establish an event in Web EOC for coordination and communication.
5. To the extent possible, local jurisdictions will provide assistance to energy distribution system owner/operators so that they can continue to provide services through their normal means during a disaster.
6. Energy information will be collected by the PSC and other agencies from all available sources and provided to emergency management officials to assist them in developing Incident Action items specific to the event.
7. PSC will request damage assessment reports from energy providers and will compile and transmit the energy infrastructure reports to the State Emergency Operations Center (SEOC). PSC and the SEOC will collect, evaluate, and report current conditions relative to staffing, equipment, and supplies to appropriate emergency agencies.
8. The PSC, with the assistance of DOA, will work with local petroleum suppliers and major oil companies to identify and facilitate the delivery of available petroleum fuel supplies to priority customers.

E. Phases of Emergency Management

Mitigation Activities

1. Coordinate information to the public on how to cope with the energy emergency through the established public information processes.

2. Contact and coordinate with support agencies through regular meetings and exercises and identify areas where communication can be improved.
3. Identify areas where memoranda of understandings are needed.
4. Identify areas where public education and/or training are needed.

Preparedness Activities

1. Develop working relationships with suppliers/distributors and establish a liaison with supporting agencies as well as energy and utility companies.
2. Collect and analyze energy data and report to WEM on any probable, imminent, and/or existing energy shortages.
3. Develop and maintain a list of energy, utility, petroleum and transportation contacts and resources. [See: [Commodity Flow Study for the County](#)]
4. Create and maintain a deployment kit for disseminating critical information, such as pre-scripted messages, and a local resource guide.
5. Develop and maintain memorandums of understanding with support agencies, as necessary.

Response Activities

1. If necessary, implement mandatory measures approved by the State or by the Governor.
2. Review and analyze damage assessment data provided by inputs from energy, utility and transportation companies to gauge the impact on the County. This data may be found in the Web EOC event page.
3. Closely coordinate with emergency responders and energy companies to maintain and plan for adequate energy supplies.
4. Attempt to locate alternate sources of fuel if local reserves may become depleted.
5. Assist with energy issues regarding emergency response equipment, such as electric generators or heating units, primarily related to assuring the availability of adequate fuel supplies.

6. Coordinate public information concerning energy, utilities, and petroleum with WEM.
7. Coordinate county and local agency emergency utility resources as requested by WEM.
8. When requested, provide logistical support to local and private emergency supplemental energy and utility resources.

Recovery Activities

1. Compile damage and operational capability information from energy and utility companies. Update this information in Web EOC.
2. Recommend, in accordance with the Governor's emergency powers, with Sec. 323.10, Wis. Stats., priorities among users if adequate energy resources are not available to meet all essential needs.
3. Coordinate supporting resources for energy infrastructure restoration and repair to meet essential needs.
4. Coordinate allocation of energy resources to the extent possible and necessary.
5. Coordinate targeted energy conservation and efficiency programs to enhance recovery activities.
6. Work with the State to implement state emergency response plans at the local level.
7. Coordinate with WEM to prioritize local resource requests.
8. Coordinate with support agencies to deal with long-term impacts and assist in the development of a long-term recovery plan for the affected municipalities.
9. Conduct after-action critique of the overall response and recovery efforts.

IV. RESPONSIBILITIES

Joint Lead Coordinating Agencies

Richland County Administrator Richland County Emergency Management

- A. RCEM will serve as the lead agency in the event of an energy emergency or designate the appropriate support agency as the lead.
- B. County Administrator will work to minimize the impact of an energy emergency by coordinating energy availability and distribution issues during emergency or disaster situations.
- C. RCEM will provide information to the County EOC and SEOC regarding the status of energy infrastructure damage, supply adequacy, and market situation.
- D. RCEM will provide the County EOC and SEOC with the location, extent, and restoration status of energy supply outages or disruptions.
- E. County Administrator will administer energy allocation and curtailment programs in accordance with federal programs and with the Governor's emergency powers legislation.
- F. RCEM will maintain up-to-date data including addresses and contact names for all major local utilities.
- G. RCEM will manage resource requests and utilize WebEOC to track each resource request.

Support Agencies/Local Utilities (Public & Private)

A. Electrical Power

- 1. Richland Electric Cooperative
- 2. Alliant Energy
- 3. Dairyland Power
- 4. City Utilities of Richland Center
- 5. Village of Viola Utilities

B. Petroleum (Retail LP Gas, Gasoline and Diesel)

- 1. Kwik Trip
- 2. Richland County Highway Department
- 3. Cenex

4. Mobile Mart (Richland Center)
5. East Side BP
6. Triangle Kwik Stop
7. DJ's Quick Stop
8. Lone Rock Shell
9. D & Z's (Lone Rock)
10. Ma & Pa's (Cazenovia)
11. The Port (Port Andrew)
12. Zip Stop (Viola)
13. Boaz Country Store

C. Natural Gas

1. Northern Natural Gas
2. We Energies

D. Liquid Petroleum Gas/Propane (bulk)

1. Ferrellgas
2. Lakes Gas
3. Cenex
4. Premier Cooperative
5. Suburban Gas
6. United Cooperative
7. Insight FS
8. Walsh's Ace Hardware
9. Tractor Supply, Richland Center
10. All American Do-it Center

V. RESOURCE REQUIREMENTS

- A. PSC will provide necessary materials and equipment for its response to an energy emergency.
- B. Resources will be distributed according to appropriate SOPs and manuals.

VI. REFERENCES

Commodity Flow Study

VII. ACRONYMS

See: Richland County Emergency Response Plan, Basic Plan.

VIII. APPENDICES

Appendix 1 Support Agency/Business Contact List

IX. ATTACHMENTS

Attachment 1 Agency Approval Signature Sheet

Appendix 1: Support Agency/Business Contact List

Richland County Highway	608-647-4707
Richland Electric Cooperative	608-647-3173
City Utilities of Richland Center	608-647-3844
Village of Viola Utilities	608-627-1831
Alliant Energy	800-758-1576
We Energies	800-662-4797
Dairyland Power	608-788-4000
Northern Natural Gas	800-242-8511
Ferrell Gas	608-647-2164
Cenex Pump 24	608-647-6171
Kwik Trip	608-647-4145
Mobile Mart (Richland Center)	608-647-5580
East Side BP	608-647-8900
Triangle Kwik Stop	608-647-8067
DJ's Quick Stop	608-583-7922
Lone Rock Shell	608-583-3835
D & Z's (Lone Rock)	608-583-2532
Ma & Pa's (Cazenovia)	608-983-2626
The Port (Port Andrew)	608-537-2676
Viola Quik Stop (Viola)	608-627-1418
Boaz Country Store	608-536-3730
Ferrellgas	866-708-8209
Lakes Gas	608-383-5026
Premier Cooperative	608-647-6173
Suburban Gas	608-781-8070
United Cooperative	800-924-2991
Insight FS	608-623-2222
Walsh's Ace Hardware	608-647-8925
Tractor Supply, Richland Center	608-383-0979
All American Do-it Center	608-649-4300

ATTACHMENT 1: AGENCY APPROVAL SIGNATURE SHEET

The undersigned have hereby reviewed and approved the Emergency Support Function 12 (Energy) of the Richland County Emergency Response Plan.



County Administrator

31 Jan 23

Date



Emergency Management Director

01/31/2023

Date

