

Exhibit F

ELM MG2.1 Series
Fire and Emergency
Response Plan



MicroGrid Energy Storage System

MG2.1 Series Fire And Emergency Response Plan

Battery Energy Storage System

4300 Live Oak Dr
The Colony, TX 75056

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The ELM Companies 25+ Years of providing service and support for critical infrastructure to the Utility Industry across the United States, positions the ELM Microgrid MG Series of ESS systems as one of the leading solutions in the industry when it comes to distributed grid support applications.

Contact ELM Microgrid

Our customer service team is available to help you with your ELM MicroGrid equipment and FieldSight software.

Website:

[MicroGrid Home Page - ELM MicroGrid](#)

Address:

ELM Microgrid

4300 Live Oak Drive

The Colony, TX 75056

Email:

support@elm-ess.com

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(469) 676-1648



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GENERAL INFORMATION

Disclaimer

The content of this document can be periodically reviewed and updated where necessary. Please consult with ELM for the latest revision as applicable for the product intended.

The project design and installation work shall follow all applicable codes and standards of the authority having jurisdiction specifically for the project.

ELM will not be liable for any personal injury, property loss, product damage and subsequent damage caused by Non-compliance of such project specific design and installation.

Document Scope

The scope of this document, the ELM Energy Storage System (ESS) Fire and Emergency Response Plan, is to describe actions to ensure the safety of project employees, system operators, emergency service members serving the project, and the surrounding community in the event of an emergency. This plan provides emergency personnel contact information and outlines procedures to prevent, mitigate, and effectively respond to an incident should one arise at the site.

SYSTEM DESCRIPTION

ELM ESS has an integrated Fire Safety system that will automatically stop the ESS operation, shutting the system off by disabling the storage inverter and opening the rack level battery contactors. The system will trigger an automated alarm via audible, visual, control signal, email, and text notification.

Please refer to ELM’s “MG2 Series ESS Fire Safety Design Analysis” for the specifics on the Fire Safety System.

SYSTEM MAXIMUM ENERGY	
SYSTEM MAXIMUM AC VOLTAGE	
SYSTEM MAXIMUM DC VOLTAGE	
SITE LOCATION ADDRESS	

An Evacuation Plan Map should be included as an attachment to this plan by the Site Owner or System Operator.



SHUTOFF PROCEDURE

Entry to the site should only be attempted at the direction of the Operator. Contact information for the System Operator will be provided in next section below.

In the event of an emergency requiring shutdown, the ESS system may be de-energized/isolated remotely, but local disconnects require manual operation by a qualified Operator representative to confirm main disconnects/breakers are open. Emergency responders shall not assume the system is de-energized nor attempt to deenergize equipment due to arc flash risk. Operator Representatives should execute any Lock out tag out following product's Operation and Maintenance manuals.

Refer to the site Electrical Single Line Diagram (SLD) for main disconnects.

ELM, PROPERTY OWNER AND OPERATOR INFORMATION

ELM FIELDSIGHT LLC	
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WEBSITE	www.ELMmicrogrid.com
EMAIL	support@elm-ess.com
PHONE NUMBER	(469) 676-1648

PROPERTY OWNER	
MAIN POINT OF CONTACT NAME	
ADDRESS	
EMAIL	
PHONE NUMBER	

SYSTEM OPERATOR	
MAIN POINT OF CONTACT NAME	
ADDRESS	
EMAIL	
PHONE NUMBER	



ESSENTIAL PERSONNEL CONTACT INFORMATION

PRIMARY CONTACT NAME	
TITLE	
ADDRESS	
EMAIL	
PHONE NUMBER	

SECONDARY CONTACT NAME	
TITLE	
ADDRESS	
EMAIL	
PHONE NUMBER	

ADDITIONAL CONTACT NAMES AND NUMBERS

NAME AND NUMBER	CELL:	HOME:
NAME AND NUMBER	CELL:	HOME:
NAME AND NUMBER	CELL:	HOME:
NAME AND NUMBER	CELL:	HOME:
NAME AND NUMBER	CELL:	HOME:
NAME AND NUMBER	CELL:	HOME:



UTILITY AND EMERGENCY CONTACT INFORMATION

POWER COMPANY	
GAS COMPANY	
WATER COMPANY	

ALWAYS CALL 911 FOR AN EMERGENCY. DO NOT CALL YOUR LOCAL STATION.

FIRE DEPARTMENT	911
POLICE DEPARTMENT	911
EMERGENCY MEDICAL SERVICES	911



RESPONSE PROCEDURES FOR EMERGENCIES

GENERAL SAFETY AND OPERATIONAL INFORMATION

ESS enclosures, can be located throughout the site, containing battery modules. The batteries store chemical energy and converts it to electrical energy. As such, the primary concern for first responders is exposure to electrical components that present a hazard to electric shock.

During a response, it should be assumed that:

- All ESS equipment on site contains lethal AC and DC voltages;
- All inverters contain energy storage devices that require 15 minutes to safely discharge lethal voltages;
- Electricity is supplied from multiple sources; and
- The site should only be accessed by personnel or emergency responders under the direction of the System Operator.

Precautions While in the Vicinity of the Battery Electric System:

- Only trained personnel should work near the battery modules, electrical boxes, or wiring.
- It is recommended to always have at least two persons present when working on the ESS or handling modules. Do not attempt to service or respond to an emergency unless another person capable of rendering first aid and cardiopulmonary resuscitation (CPR) is also present.
- Any accidents should be immediately reported to the System Operator as soon as it is safe to do so.
- Battery Modules are charged with energy and can have high DC voltage. **Do not touch the modules without wearing electrical insulating gloves.**

EMERGENCY SITUATION

Emergency situation's critical points:

- In the event of an emergency, dial 911.
- **Do not** open ESS container doors if there is smoke emitting from container or the fire alarms are active.
- Entry and shutdown of the system should only be attempted at the direction of the System Operator.
- ESS components are always electrically hot and should always be considered electrically energized. DC voltage is always present.
- All inverters contain energy storage devices that require 15 minutes to safely discharge lethal voltages.
- Do not touch the modules without wearing electrical insulating gloves.



FIRE RESPONSE

In the event of a fire, the individual discovering the emergency shall:

1. Assess the situation to determine potential safety concerns to life and the environment, with life safety as the priority.
2. Notify the appropriate local authorities by dialing 911 and direct them to the entry point identified on the Site Map.
3. Local authorities should contact the System Operator to determine the appropriate response.
4. **Do not** approach the ESS or attempt to open the container doors

Upon arrival to the Project, responders shall:

1. Evacuate and secure the area and keep people a minimum of 300 feet away, provided there are no immediate threats to people or non-project property.
2. Let the unit burn. Burning electrical equipment is already damaged and must be replaced.
3. Protect adjacent exposures, such as homes and forested areas, as needed, to limit the potential of the fire spreading.
4. If fire must be suppressed within the ESS fence line, the System Operator will direct local authorities on how to proceed.

The following are the most important considerations when responding to a fire or other emergency at the Project:

- ESS components are always electrically hot and should always be considered electrically energized. DC voltage is always present.
- Identify and validate the hazard in order to minimize injury.
- Electrical components produce gas during combustion. All responders should use a self-contained breathing apparatus (SCBA).
- Before committing apparatus to the access roads within any of the fenced ESS enclosures, understand that turn arounds will often be well over 1,000 feet away.
- Under the direction of the Operator, isolate or shutdown the electrical power at the site of the fire, if possible.
- Do not assume the system is de-energized and do not attempt to de-energize any equipment.
- Do not open any equipment doors until all conditions are verified safe and entry is approved by the Operator.
- Leave the scene in a safe condition after mitigating hazards.



PUBLIC SAFETY

Access to the ESS enclosure or project site is limited to trained staff and maintenance personnel only.

In the event of personnel injury from electric shock or if personnel should become incapacitated while within the Project site, the following procedures should be followed:

1. Assess the area for hazards and secure the area to protect additional life from injury.
2. Notify the appropriate local authorities by dialing 911 and direct them to the Project access point identified on site location map.
3. Local authorities should contact the Operator, to determine the appropriate response procedures and methods for shutting down the nearest components to ensure safe access.