



FIRE PROTECTION AND EMERGENCY RESPONSE

STEWARD CREEK SOLAR
ALTO AND WILLOW CREEK TOWNSHIPS, LEE, ILLINOIS

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Prepared for:
Lee County
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INTRODUCTION

Steward Creek Solar is committed to the health and safety of its workers, future visitors, and the local community. Due to the unpredictable and unique nature of emergencies, Steward Creek will continue to update this plan as new protocols and procedures are developed. These updates may stem from national, state, and local regulations, or updated industry best practices. As a result, the following plan will act as overarching guidance to allow for updates and modifications.

The Steward Creek Solar project is located in Alto and Willow Creek Townships, East of I-39, South of the Ogle County Line, West of the Dekalb County Line, and North of Highway 30. Fire District Maps are provided in below.

EMERGENCY ACTION PROCEDURES

In the event of an emergency, EMS services should be immediately contacted by dialing 9-1-1. Once the appropriate emergency services have been notified, Steward Creek emergency response personnel should be notified at the number listed on the signage mounted by the entrance of the facility.

Steward Creek's Emergency response team, or its representatives, will then coordinate with local first responders. Qualified personnel on behalf of the project will be dispatched if required.

The project will be able to be remotely shut down, isolated, or otherwise deenergized. Local first responders and emergency services should never attempt to personally shut down, deenergize, isolate, or otherwise physically contact malfunctioning equipment.

Steward Creek's Emergency Response Team, or its representatives will work with local first responders on a plan of action once the cause of the emergency is identified and the actions are determined.

If, however, a fire originates from brush or other vegetation, local first responders and emergency services shall work to contain the fire in accordance with their local guidance and training.

Once contained, Steward Creek Emergency Response Personnel should be notified of the emergency, so that they can check on the status and health of the facility.



LOCAL EMERGENCY CONTACTS – 911 COORDINATION

Call goes to the Lee County Sherriff Department which is then routed to the appropriate First Responders/Emergency Services

FIRST FIRE RESPONSE:

Ogle Lee Fire Protection District	Address: 401 5th Ave, Rochelle, IL 61068 Phone Number: 815-562-2122
Lee Fire District	Address: 103 Lee Rd, Lee, IL 60530 Phone Number: 815-824-2120

Gate lock combinations and access information will be provided to the Ogle Lee Fire District and Lee Fire District

NEAREST EMERGENCY MEDICAL FACILITY:

Rochelle Community Hospital	Address: 800 N 2 nd St, Rochelle, IL 61068 Phone: 815-562-2181
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EMERGENCY PREPARATION

Prior to commencing construction, Steward Creek will meet with the local fire districts to review the emergency response plan proposed in this document. During this meeting, the Safety Plan will be modified as required. Steward Creek will work to educate local fire districts and emergency personnel on the aspects of the facility.

All operations and maintenance personnel will carry a fire extinguisher and first aid kit with them while on site, which will be personally inspected monthly and monitored remotely throughout the life of the project. All maintenance personnel will be trained in fire awareness, prevention and the use of fire extinguishers.



FIRE PREVENTION AND PROTECTION

Steward Creek will adhere to all applicable requirements in National Electric Code (NEC) 690. Additionally, in order to prevent fires, the following rules will be followed:

No smoking of any kind will be allowed within the fenced area.

Hot work will only be performed when necessary. In the event that hot work is required, Steward Creek will secure a hot work permit and within the requirements of OPS.EHS.015 Hot Work Procedure.

As a Solar Energy System (SES), Steward Creek Solar will be involved with energized equipment. Steward Creek will adhere to the requirements of the OPS.EHS.009 Electrical Safety Program and the OPS.ESH.010 Lockout Tagout Procedure when working with energized equipment or deenergizing equipment.

Steward Creek will be staffed by trained and skilled personnel. Specific aspects of the SES will be performed by highly skilled personnel that are trained in the safe installation of solar modules, electrical connection, and other required construction activities for the SES. Construction personnel will be properly licensed and trained according to all applicable national, state, and local electrical codes. Qualified applicable personnel will be trained in the techniques for making terminations, connections, and supporting of wiring to prevent arcing.

Construction personnel will be equipped with at least 2.5lb ABC rated fire extinguishers, said extinguishers and other fire suppression systems will be inspected monthly, or as required.

Steward Creek Project access roads and internal drives will be maintained for the entire duration of the SES. Properly maintained access roads and drives will not only provide safe and prompt access to the facility in the event of an emergency, but will also act as a fire break to reduce the probability of a fire spreading outside the facility.

Energy Storage facilities and substation(s) will adhere to all applicable electrical codes and safety procedures. These aspects of the generating facility will utilize a gravel perimeter of at least 15 feet to act as a fire break. Energy storage facilities will also be equipped with industry standard fire suppression systems.



EMERGENCY EVACUATION PROCEDURE

In the event of a fire, or other emergency, any on site SES personnel shall follow emergency guidelines to ensure their safety, and the safety of others prior to supporting emergency response procedures.

In the event of an emergency, the designated emergency personnel will notify all onsite personnel by any available means of communication to the situation at hand and advise them on evacuation procedures. Such procedures are based upon the specific type and location of the emergency.

Following such notification, all persons on site shall:

1. Stop what they are doing
2. Ensure that their equipment will not bring harm to others if/when hastily abandoned
3. Move orderly and safely to the nearest exit point
 - a. Personnel shall not, unless no other option is available, utilize an exit that is closer to the emergency situation.
4. Notify the emergency response personnel that they have exited the facility safely

NOTE: This emergency plan will be updated as required. Steward Creek and its representatives will work with local emergency personnel on crafting any and all safety, fire, and emergency plans and procedures.



EMERGENCY RESPONSE PLAN FORMS, CONTACTS, GENERAL INFORMATION, AND CHECKLIST

GENERAL INFORMATION

Business Name: _____

Facility Street Address: _____

Mailing Address: _____

EMERGENCY COORDINATOR

Emergency Coordinator	Office Phone	Pager/Cell Phone
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Emergency Coordinator Backup	Office Phone	Pager/Cell Phone
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Emergency Coordinator Backup	Office Phone	Pager/Cell Phone
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EMERGENCY CHECKLIST

BEFORE CONTACTING EMERGENCY COORDINATOR DIAL 9-1-1

Emergency Coordinator	Office Phone	Pager/Cell Phone
Emergency Coordinator Backup	Office Phone	Pager/Cell Phone
Emergency Coordinator Backup	Office Phone	Pager/Cell Phone

Project Contractor/Manager: _____
Contact Number: _____
Contact Email: _____
Address: _____

EMERGENCY NUMBERS

Local Emergency Services (Medical, Fire, Safety, Police, Trespassing, etc.): DIAL 9-1-1

Poison Control Center: 800-222-1222



Hospital: Rochelle Community Hospital; 815-562-2181

HAZMAT Spill: _____

Note: Prior to the commencement of construction, Steward Creek Solar's Construction Manager will complete, verify, and update the emergency numbers and project information on these forms before and during construction.



FIRE DISTRICT MAPS

FOLLOWING PAGES

