

Emergency Response Plan (ERP)
Manchester Solar Photovoltaic Facility
Manchester, Connecticut

1. Purpose and Scope

This Emergency Response Plan (ERP) outlines procedures for preventing, responding to, and recovering from emergencies at the Manchester Solar Photovoltaic (PV) Facility. It is designed to protect facility personnel, emergency responders, municipal officials, and the public, while ensuring compliance with Connecticut Siting Council guidance and state/local regulations. The plan applies to all emergencies that may occur at the facility, including fire, electrical incidents, severe weather damage, trespassing/vandalism, and equipment failure.

2. Emergency Contacts

- Local Fire Department:
 - o Phone: (860) 647-3266
 - o Address: 75 Center Street, Manchester, CT, 06040
 - o Fire Marshal: (860) 647-3266
- Police Department:
 - o Phone: (860) 645-5500
 - o Address: 239 Middle Tpke East, Manchester, CT, 06040
- Emergency Medical Services (EMS):
 - o Emergency phone number: 911
- Connecticut Department of Energy and Environmental Protection (DEEP):
 - o (Spill Reporting Line, Emergency Response Unit)
 - Phone: 860-424-3338 or toll free at 1-866-337-7745 (24 Hr Line)
 - o Other Emergencies (DEEP Dispatch): 860-424-3333
 - o General Contact: 860-424-3000
- Connecticut Siting Council:
 - o Address: 10 Franklin Square, New Britain, CT 06051
 - o Phone: 860-827-2935
- Utility Interconnection Provider:
 - o Name: United Illuminating
 - o Phone Number: (800) 722 5584
- Facility Operator:
 - o Steven Martineau - Director of Operations and Maintenance
 - o Number: (860) 398-5408

3. Fire Response Procedures

3.1 Detection and Alarm

- Fire detection relies on visual confirmation by personnel, security monitoring systems, or notification by third parties.
- Upon detection, the facility operator will immediately contact 911 and provide details about the fire's location and type.

3.2 Response Actions

- Personnel Safety First: All staff must evacuate the site immediately.
- First Responder Support: Firefighters will be provided with site maps showing panel locations, inverters, transformers, battery storage (if applicable), and disconnect switches.
- Electrical Isolation: Operators will initiate emergency shutdown procedures using the main disconnect switch to de-energize the facility, unless doing so would pose additional hazards.
- Hazard Communication: The fire department will be informed of potential electrical hazards and residual DC power in solar panels during daylight hours.

4. Emergency Communication Procedures

4.1 Notification Protocols by Emergency Type

- Fire / Electrical Hazard: Immediate 911 call to fire department and police, followed by notification to the DEEP office.
- Trespass / Vandalism / Security Breach: Contact local police and facility operator.
- Severe Weather Damage (storm, flooding, ice): Contact DEEP and utility provider to coordinate system status and ensure public safety.

5. Post-Incident Inspections and Reporting

1. Inspection Authority: Following any incident, the facility operator will coordinate inspections with:
 - o Licensed electrical contractors
 - o Utility interconnection representatives
 - o Local fire marshal and building inspector (as applicable)
2. Scope of Inspection:
 - o Damage to PV modules, inverters, transformers, wiring, and structural components
 - o Environmental impacts such as soil contamination or fire damage
 - o Safety of access roads and perimeter security
3. Reporting:
 - o Incident reports will be prepared within 72 hours and submitted to:
 - Utility
 - Local fire marshal
 - DEEP
 - Connecticut Siting Council

6. Re-Energization Procedures

- The facility will remain offline until inspections confirm that it is safe to resume operation.
- Written clearance must be obtained from:
 - o Licensed electrical inspector
 - o Local fire marshal
 - o Utility interconnection provider
- Notification of Re-Energization: The facility operator will formally notify:
 - o Utility
 - o Connecticut Siting Council
 - o DEEP
 - o Local fire department

Only after these notifications and approvals will the facility be re-energized.

7. Training and Drills

- Facility staff will be trained annually on ERP procedures, shutdown operations, and communication protocols.
- The Applicant will work with emergency response personnel to provide training on understanding Project details, access, disconnect locations, and electrical functioning of the system. Hazard mitigation training will include how the Project was designed to code as well as managing brush on site. Training on signage and access to the site will also be included.

8. Plan Review and Updates

- This ERP will be reviewed annually and updated as needed to reflect changes in facility design, emergency contact information, or regulatory requirements.
- Updates will be shared with the Connecticut Siting Council, DEEP, and local fire departments.