

**Exhibit P**  
**Emergency Response**  
**Plan**

# **Exhibit P**

## **Emergency Response Plan**

### **Solar Facility – 2 MW AC and 700 kW AC**

**Location: 121 W Pond Road, North Branford, CT**

**Date: April 9, 2025**

#### **1. PURPOSE AND SCOPE**

The purpose of this Emergency Response Plan (ERP) is to establish clear procedures for responding to emergencies at the 2 MW and 700 kW ground-mounted solar energy generating facilities, ensuring the safety of personnel, first responders, and the surrounding community. The plan also addresses containment, mitigation, and recovery strategies for incidents such as:

- Electrical fires
  - Severe weather events
  - Equipment malfunction or electrical shock
  - Firewater runoff and hazardous material management
  - Medical emergencies
  - Site evacuation
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#### **2. SITE OVERVIEW**

- **Facility Size:** 2 MW and 700 kW solar photovoltaic (PV) facility
- **Location:** 121 W Pond Rd, North Branford, CT
- **Total Acreage:** Site=18.02acres, Site Improvements=14.72 acres
- **Panel Type:** Polysilicon
- **Electrical Infrastructure:**
  - **Inverters:** Kaco Blue Planet 125 kW
  - **Transformers:** 2 MVA and 700 kVA
  - **Battery Storage (if applicable):** None
- **Fire Protection Equipment:**
  - On-site fire extinguishers (Class C-rated for electrical fires)
  - Emergency shutoff system
  - Fire suppression agent: Water or chemical, if applicable

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### 3. EMERGENCY CONTACT INFORMATION

Role	Contact Name	Phone Number	Email
Site Manager	Nate Cohen	413 347-2655	nate.cohen@ecosrenewable.com
Operations & Maintenance	Frankey Jenkins	501-940-2873	frankey.jenkins@ecosrenewable.com
Local Fire Department	North Branford Fire Dept	911	N/A
Local Police Department	North Branford Polic Dept	911	N/A
Environmental Agency	DEEP	860-424-3000	N/A

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### 4. EMERGENCY PROCEDURES

#### 4.1 Electrical Fire

##### Initial Response:

- **Activate Fire Alarm:** Notify on-site personnel and first responders immediately.
- **Emergency Shutoff:** Engage the AC and DC disconnect switches to de-energize the system.
- **Evacuate the Area:** Maintain a safe distance of at least 35 feet from burning panels or electrical components.

##### Fire Suppression:

- **Fire Department Coordination:**
  - Firefighters should use Class C extinguishers or dry chemical agents for electrical fires.
  - Water spray may be used, but only from a safe distance and at low pressure to avoid electrical shock hazards.
- **Runoff Containment:**
  - Deploy berms or absorbent barriers to prevent contaminated water from leaving the site.
  - Notify HAZMAT contractor if electrical equipment, oils, or chemicals are involved. The transformer on-site contains non-toxic oil that is not hazardous to the environment.

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## 4.2 Severe Weather (Storm, Lightning, High Winds)

### Monitoring and Preparedness:

- Monitor weather alerts and warnings.
- **Pre-storm inspection:** If possible, secure loose items and ensure all racking and mounting structures are properly fastened.

### During Severe Weather:

- **Lightning Risk:** Cease all work immediately. Personnel should seek shelter in vehicles or designated safe areas.
- **High Winds:** Evacuate to a safe location if wind speeds exceed 50 mph or if debris creates a hazard.

### Post-Storm Inspection:

- Inspect panels and electrical equipment for damage.
- Deactivate the system if damage is identified before re-energizing.

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## 4.3 Equipment Malfunction or Electrical Shock

### Initial Response:

- **Deactivate Power:** Engage the emergency shutoff system.
- **Isolate the Area:** Prevent personnel from accessing the malfunctioning equipment.
- **Medical Assistance:**
  - Call **911** immediately for electrical shock incidents.
  - Provide **CPR or first aid** if safe to do so.

### Investigation and Recovery:

- **Lockout/Tagout (LOTO)** procedures must be followed before servicing equipment.
- **Inspect the System:** Verify that all components are properly grounded and insulated before re-energizing.

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## 4.4 Firewater Runoff and Hazardous Material Management

### Firewater Runoff Containment:

- Deploy temporary berms, sandbags, or absorbent materials to contain firewater.
- Prevent contaminated water from reaching storm drains or water bodies.

### Hazardous Material Response:

- **Identify contamination:** If electrical oils, chemical agents, or heavy metals are suspected, engage HAZMAT contractors.
  - **Soil and water testing:** If necessary, conduct post-incident testing to verify environmental safety.
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## 4.5 Medical Emergencies

### Initial Response:

- Call 911 and provide the location and details of the emergency.
  - Administer first aid or CPR, if trained.
  - Assign personnel to direct emergency responders to the incident location.
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## 4.6 Site Evacuation

### Evacuation Triggers:

- Fire, electrical malfunction, or extreme weather.
- HAZMAT release or contamination.

### Evacuation Procedures:

- **Contact Personnel:** Locate any personnel nearby or notify personnel through direct phone calls
- **Assembly Points:** Direct personnel to pre-designated assembly areas, located at least 500 feet from the facility.
- **Headcount:** Verify all personnel are accounted for.

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## 5. EMERGENCY EQUIPMENT AND RESOURCES

- **Fire Extinguishers:**
  - Class C-rated for electrical fires.
  - Located near inverters, control panels, and maintenance buildings.
- **Spill Containment Kits:**
  - Absorbent pads, berms, and containment booms.
- **First Aid Kits:**
  - Located in the maintenance vehicles

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## 6. TRAINING AND DRILLS

- **Annual Training:** All personnel must undergo annual ERP training covering fire response, evacuation, and HAZMAT procedures.
- **Coordination with First Responders:**
  - Invite the local fire department for site tours and pre-incident planning.

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## 7. POST-INCIDENT REPORTING

- **Incident Documentation:**
    - Date, time, and location of the incident.
    - Description of the event and response actions taken.
    - Injuries, damages, or environmental impacts.
  - **Notification Requirements:**
    - Report HAZMAT releases to the **Environmental Protection Agency (EPA)** or local authorities, if required.
    - Inform the **Connecticut Siting Council** or other regulatory bodies, as applicable.
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