

Emergency Response Plan

Steuben Wind Project

POLICY STATEMENT

EC&R Northeast, LLC (hereinafter referred to as “EC&R”), is committed to protecting the community, personal property, and the environment, in the event emergency situations arise from the Project. These situations will be handled through the implementation of an Emergency Response Plan (ERP) in adherence to all applicable local, state, and federal emergency response laws and regulations. The Project will comply with all regulations imposed by the Federal Occupational Safety and Health Administration (OSHA) and the NYS Department of Labor regarding the safety of workers on construction sites.

INTRODUCTION

This Plan outlines the general procedures followed for all emergency situations and incidents that could occur as a result of Project construction or operations by natural causes, equipment failure or by human error. EC&R will meet with the local emergency service personnel (fire, police, and EMS) to review and discuss the construction process, including unique construction equipment, the overall construction process, and schedule/phasing. Any hazardous materials that may be present during construction and/or operation will be discussed. Ongoing communication during construction and operation, between town officials and police, fire, and emergency services officials, will help assure adequate levels of protection.

Based on relevant experience and best professional judgment, EC&R believes that the following types of hazards (most of which are potentially incidental to construction activities generally) have the potential to occur at the Project Site:

- Fire
- Worker accidents, including falls and electrocution
- Medical conditions/emergencies
- Lightning strikes
- Ice throws from revolving blades
- Excavation cave-ins
- Spills of Hazardous Materials, including:
 1. Gasoline
 2. Diesel
 3. Propane

4. Adhesives
5. Hydraulic oil
6. Lubricating oil and grease
7. Cleaning solvents
8. Paint and paint thinners
9. Concrete form release agents

ON-SITE PERSON IN CHARGE

- The EC&R on-site Safety Coordinator or designee is the acting “Emergency Response Coordinator” for emergency situations during construction. He or she will be responsible for ensuring that all subcontractors, staff, on-site visitors and others adhere to the appropriate emergency response procedures as stated in this Plan.
- The Emergency Response Coordinator must designate one person as a second-in-command Emergency Response Coordinator. The Second-in-Command Emergency Response Coordinator will provide any required assistance to the Emergency Response Coordinator and will assume the role of Emergency Response Coordinator if the Safety Coordinator is unable to perform this role.

COMMUNICATION

- The Project will maintain and utilize on-site telephone and/or radio communication at all times to support public safety agencies as discussed below.
- If there is no cellular telephone reception on the Project Area, a reliable alternate method of communication will provide maximum safety to life and property through operational coordination during the construction of the Project. Therefore, hard line telephone service and/or two-way radios would be used during construction.

EMERGENCY CONTACT INFORMATION

EC&R personnel will be available to the Project and may be utilized to assist during emergency situations and/or provide first aid as needed.

Contacts

Emergency Services:

Local Emergency Medical Services, Police Services, Fire Services:	9-1-1
Steuben County's Office of Emergency Services:	607-664-2991
New York State Police (Canisteo Station):	607-698-4377
Steuben County Sheriff (Non – Emergency):	607-776-7009
Local Fire Departments: Canisteo Volunteer	607-698-2711
South Hornell	607-324-1148
Hornell, Dan Smith, Chief	607-324-6161

EC&R Personnel:

EC&R Safety Coordinator:	____-____-____
V.P. of Construction: [name]	____-____-____
Director of Construction: [name]	____-____-____
Administrative Assistant: [name]	____-____-____
Construction Manager: [name]	____-____-____
Field Engineer: [name]	____-____-____

Nearest Hospitals:

Saint James Mercy Hospital 411 Canisteo Street, Hornell, NY 14843	607-324-8000
Ira Davenport Memorial Hospital 7571 State Route 54, Bath, NY 14810	607-776-8500
Guthrie Corning Hospital 176 Denison Parkway East, Corning, NY 14830	607-937-7200

INTERNAL ALERTING

The following procedures will be prescribed for internal reporting of emergencies:

- The Emergency Response Coordinator will notify on-site personnel, including any visitors, of the nature of the emergency via an alarm system such as by telephone, two way radios or sirens.
- The Emergency Response Coordinator will specify the location for the first responders. A designated employee will meet the emergency response personnel at the access road of the emergency.
- The Emergency Response Coordinator will notify EC&R of the emergency using the contact information to be provided.

- The Emergency Response Coordinator will identify any need for security measures at the Project Area during the emergency and will designate one person to implement
- When any person, identifies an emergency situation, or the potential for an emergency situation, and reports it to the Emergency Response Coordinator or his/her designee, the Emergency Response Coordinator will then activate the Emergency Response Plan.

EXTERNAL ALERTING

The following procedures will be prescribed to for external reporting of emergencies:

- If immediate emergency response assistance is required, the Emergency Response Coordinator or his designee will call 9-1-1.
- A member of management or the Emergency Response Coordinator or his/her designee are the only persons authorized to speak on EC&R's behalf to outside agencies (police, fire department, medical services etc.) during an emergency situation.
- In the event of a spill of a hazardous material in excess of reportable limits, the spill must be reported to EC&R.
- In the event of media coverage of an emergency event, members of management from EC&R are the only persons authorized to speak on behalf of EC&R to the media.

EMERGENCY RESPONSE PROCEDURES

Medical Emergency or Personnel Injury:

- Provide First Aid to all injured employees regardless of severity.
- First Aid kits will be maintained in the office trailer and tool van. First Aid kits are to be inspected weekly by the crew foreperson and restocked as needed.
- Call 911 if the injury is serious and needs immediate medical treatment.

- If the medical emergency or injury occurs in the tower, then a Stokes basket attached to the crane will be used for extraction of the employee.
- For local emergency response assistance, a designated employee will meet the emergency responders at the access road of the tower site and direct them to the location of the emergency/injured employee.
- The designated Employee should have a hand held orange safety flag to use to get the attention of the responding emergency services.
- All Project vehicles will be equipped with fire fighting equipment (fire extinguishers and shovels) as well as communications equipment for contacting the appropriate emergency response teams.
- Regular inspection of fire extinguishers at all facility locations where they are installed.

Fire

- If a fire exists at a Project facility or within a wind turbine generator, personnel will be instructed to:
 1. Shutdown the facility and/or wind turbine generator.
 2. Restrict the area.
 3. Request assistance of police/fire department, medical services if needed.
 4. Consult with on-site trained employees regarding required actions by Project personnel.
 5. Request assistance from fire fighting personnel, if needed, in controlling the fire.
 6. If local emergency response personnel are required, have an employee go to the access road of incident site, to meet emergency personnel and direct them to the fire.
 7. Employee should have a hand held orange safety flag to use to get the attention of the responding emergency services.

Gas Leak

- If a gas leak is reported, the area will be restricted and the presence or absence of gas will be confirmed. When necessary, gas detection instruments will be used to conduct a thorough inspection for the presence of gas, personnel will take the following action:
 1. Shut off the source of gas; notify the utility, if applicable;
 2. Continue to restrict the area until the origin of the gas is established and it is safe to lift the restriction;
 3. Initiate repairs to stop leakage; and
 4. Keep the utility notified of conditions and actions taken.
 5. Prior to final design EC&R will coordinate with Dig Safe and the respective gas utility companies to determine the locations of all active gas lines and wells within the Project Area (if any). Gas companies will be consulted to establish appropriate setbacks and facilities will be revised as necessary in order to effectively minimize risk of explosion. Where encroachments are necessary, EC&R will follow the National Fuel Gas Supply Corporation's Pipeline Encroachment Policy. During construction no gas line will be crossed without it first being exposed and confirming its depth. In addition to natural gas line and wells, propane and acetylene will be stored and used at the construction site.

Chemical Spill/Release

- The MSDS for all hazardous materials on the Project Area will be on file in the O&M building (during operation), and provided to local fire departments and emergency service providers.
- If storage tanks are required on-site containment system will be used.
- Small spills should be cleaned up immediately by using absorbent materials such as hay, sand, socks or pads.
- If the spill is of such magnitude that it cannot be contained, the Emergency Response Coordinator will contact the appropriate authority for assistance.
- Personnel and construction workers will be instructed to report all spills regardless of severity will be reported to the Emergency Response Coordinator.
- There will be spill kits located through out the construction site.

EVACUATION

Project evacuation may occur due to inclement weather, fire, severe chemical release, or wildland fires. If an evacuation is required to prevent potential injury to human life, EC&R Management, Emergency Response Coordinator or designee will evacuate the Project Area.

- An evacuation point area will be pre-determined.
- The Emergency Response Coordinator will designate a person to conduct a “head-count” at this pre-determined area to ensure that all persons have been safely evacuated.
- EC&R Management or the Emergency Response Coordinator will notify the appropriate local authorities for fire, injury, or hazardous material spills.
- For off-site assistance a designated employee will meet the off-site emergency response at the access road of the emergency.

DISPOSAL OF CONTAMINANTS AND DEBRIS

- During construction, the Project will be maintained in a sanitary condition at all times. Waste materials generated on the Project (e.g., trash, excess construction material, hazardous waste) will be stored in containers at all times and disposed of in an approved disposal site.
- All waste generated during construction will be removed or disposed of in compliance with all Federal, State and local requirements.
- Portable toilets will be available for human waste and will be serviced on a regular basis.
- No open burning of waste materials will be allowed.
- Any materials used to clean up a chemical spill will be treated as hazardous waste and disposed of appropriately.
- Concrete trucks will wash out into waste management containers.

SITE RESTORATION/REMEDIATION

- If any accident or incident at the Project Area necessitates site restoration or remediation, the restoration/remediation will be conducted according to applicable Federal, State and local requirements.

INCIDENT REPORT

- After every accident or incident, the Emergency Response Coordinator or designee will conduct a post incident evaluation to determine the following:
 1. Suitability of the organization's structure, equipment, communication plans/system, adequacy of training, alarm systems, security, spill containment and recovery procedures, monitoring, etc.
 2. If any of the above are found to be inadequate, then the Emergency Response Coordinator will make necessary changes.
 3. The Supervisor will fill out A First Report of Injury form and a Supervisor's Investigation Report before the end of the shift.

SAFETY TRAINING

- On-site training will be given by the Emergency Response Coordinator or their designees regarding the content, requirements, and appropriate actions to comply with the provisions of the Emergency Response Plan. The training will occur:
 1. At orientation;
 2. Annually;
 3. When there are changes to the plan;
 4. When Emergency Response Coordinator determines; and
 5. Site maps with all access roads and cross streets have been given to all local emergency services.

- On-site training sessions relating to specific activities of this project include:
 1. Fall protection use and rescue
 2. Basic rigging inspection and use
 3. Pinch points
 4. Tower rescue on the wind towers

SAFETY PRACTICE DRILLS

- Practice drills involving emergency response simulation exercises will be incorporated into the training program when determined to be necessary by the Emergency Response Coordinator.

EMPLOYEE SIGN-IN

1. _____	8. _____
2. _____	9. _____
3. _____	10. _____
4. _____	11. _____
5. _____	12. _____
6. _____	13. _____
7. _____	14. _____