

## APPENDIX S

### Conceptual Emergency Response Plan

CONCEPTUAL EMERGENCY  
RESPONSE ASSESSMENT  
For the Hounsfield Wind Farm

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## **Attachments**

Attachment A          Emergency Contact Phone Numbers

## **1.0 Introduction/Project Description**

The Hounsfield Wind Farm Project is a commercial scale wind farm project proposed by the Upstate NY Power Corp. (Upstate Power). The project includes the construction and operation of up to 90 wind turbines, the installation and operation of associated collection lines, and related facilities including docking facilities, ship channel construction, helipad, living quarters, parking areas and operations and maintenance facilities on Galloo Island (the “Project”).

In addition to the construction activities associated with the project as set forth above, the transmission of the electricity will require construction and operation of an approximately 50.6-mile transmission line, together with interconnection facilities (substations) and other related facilities, linking Galloo Island with the New York State power grid. The construction and operation of the 51.5-mile transmission line is subject to the review jurisdiction of the New York State Public Service Commission (PSC) under Public Service Law Article VII. As such it is a Type II action under SEQRA (6 NYCRR §617.5(c) (35)) and therefore not subject to SEQRA review (6 NYCRR §617.5(a)) and is not included within the “Project”.

## **2.0 Emergency Management Responsibilities**

The Jefferson County Office of Fire & Emergency Management is the lead coordinating agency for regional preparedness and emergency management efforts. Its 911 dispatch center provides computer-aided dispatch services related to law enforcement, fire, and emergency medical services. Law enforcement services are provided to the Town of Hounsfield by the Jefferson County Sheriff’s Department.

The all-volunteer Sackets Harbor Fire Company provides fire services to the Project area, as well as advanced Emergency Medical Technicians (EMTs), life support, and critical care services. According to the New York State Department of Health, three hospitals serve Jefferson County; Carthage Area Hospital in Carthage, River Hospital in Alexandria Bay, and Samaritan Medical Center in Watertown. Of the three, Samaritan Medical Center provides the most comprehensive emergency care and is the largest facility with 294 beds. It is also the closest facility to the Project area at a linear distance of approximately 23 miles.

In times of significant emergencies within the Town, the New York State Police based in Watertown and the United States Coast Guard may also be contacted for assistance. In addition, helicopter services operating out of Syracuse, New York are also available though the 911 dispatch center at the Jefferson County Office of Fire & Emergency Management are available to the Town.

However, due to the remote location of the island’s (project area) most of these services will not be readily available to the workers on the island. Therefore the Project operators will maintain the primary responsibility of emergency management and response. Prior

to the start of construction a meeting will be held with local emergency response providers to establish their responsibilities on the island.

The Project operator will be responsible for maintaining a small infirmary, trained emergency medical services staff, and a helicopter for emergency transport on the island. Upon commencing site work and construction the Project operator will designate a temporary infirmary that will be used until the construction of the permanent infirmary. The Project operator will also be responsible for communicating hazards to employees and contractors; establishing an accident/injury reporting procedure, as well as protocol for employees to report significant “near-miss” incidents; and conducting emergency response drills to test the effectiveness of emergency communications and response systems and procedures. These procedures will be followed throughout construction and operation.

The designated infirmary will be considered the emergency meeting place and staging area. In the event of an emergency, the emergency response team will consist of project employees who assume the following roles:

- Emergency care provider(s)  
The role of the emergency care provider(s) (ECP) is to administer first aid/CPR to injured person, as needed. At least two ECP’s will be present on the island at all times.
- Communicator  
The role of the communicator is to maintain contact with appropriate emergency services and to provide as much information as possible, such as the number injured, the type and extent of injuries, and the exact location of the accident scene. The communicator will be located as close to the scene as possible to transmit to the emergency care providers any additional instructions that may be given by emergency services personnel in route.
- Site Supervisor  
The site supervisor will survey and assess existing and potential hazards, evacuate personnel as needed, and contain the hazard. Follow up responsibilities include replacing or repairing damaged equipment, documenting the incident, and notifying appropriate personnel/agencies.

### **3.0 Emergency Response Procedures**

This Emergency Response Plan covers a number of events that may occur at the Project site by natural causes, equipment failure or by human mistake. The following is a list of potential events:

- Minor injuries;
- Major injuries;
- Fire or explosion; and
- Project evacuation.

The primary responder for these events is the ECP who will be supported by the site supervisor.

### **3.1 Minor Injuries**

If a minor medical incident occurs (small cuts, abrasions, etc.) personnel should:

- Perform first aid, as necessary; and
- Consult the accident/injury reporting procedure to report the incident to the appropriate personnel.

### **3.2 Major Injuries**

If a medical emergency exists, including the need for hospitalization or emergency services, personnel should:

- Contact the designated site supervisor;
- Consult the emergency phone number list and request assistance immediately;
- Perform first aid/CPR, as needed;
- Stabilize the injured; decontaminate if necessary, and extricate only if the environment of the injured/ill person is dangerous or unsafe and if the rescuers are appropriately protected from potential hazards that might be encountered during the rescue;
- Communicate directly with the 911 operators to determine the most appropriate way to transfer the injured person to the mainland/hospital;
- When site emergency services personnel arrive, communicate all first aid activities that have occurred;
- Transfer responsibility for the care of the injured/ill to the site emergency care providers; and
- Consult the accident/injury reporting procedure to report the incident to the appropriate personnel.

In many instances it is assumed that the patient will be evacuated from the island by the project operator's helicopter to a location to be determined through communication with mainland EMS providers. A list of emergency contact phone numbers is provided in **Attachment A**.

### **3.3 Fire or Explosion**

Turbine operations will be monitored 24 hours/day by a resident crew. However, effective human intervention at the time of a fire or explosion at the site of a wind turbine is often hampered by the extreme heights of wind turbine nacelles. The towers are designed with internal fire suppression systems that will automatically activate if a fire escapes the nacelle. In the event that a fire escapes the nacelle, personnel should:

- Use onsite water access points, including a standby water spray truck, to saturate the ground to prevent spreading;
- Allow the tower to “burn-out”;
- Notify mainland EMS personnel to make them aware of the situation; and
- Consult the accident/injury reporting procedure to report the incident to the appropriate personnel.

Water access points will be located in safe, easily identifiable areas, and accessible in all weather conditions. They will be marked by appropriate signage.

Maintenance, residence, and ancillary buildings will meet all federal, state and local building and safety codes. This includes the presence of fire emergency equipment, such as fire alarms (pull boxes) and fire extinguishers. Building evacuation procedures will also be established and posted in easily visible areas. In the event of a fire, personnel should:

- Use fire alarms to initiate building evacuation procedures;
- Use onsite fire extinguishers to contain the fire, within reason; and
- Consult the accident/injury reporting procedure to report the incident to the appropriate personnel.

If the fire cannot be contained, the building will be allowed to burn-out.

### **3.4 Project Evacuation**

It is not anticipated that evacuation procedures will be implemented. However, in the event of adverse weather conditions, damage to facilities from fire or other catastrophic event, or other unforeseen conditions, personnel will be evacuated from the island. An air horn will be blasted three times and all cellular phones will be called, signifying the need for all personnel and visitors to regroup at the emergency meeting place, the designated infirmary.

Personnel and visitors will be evacuated from the island by way of an emergency helicopter. The location of the heliport is situated at a distance of at least 500 feet away from turbine locations in accordance with FAA landing specifications and therefore poses little risk to emergency personnel.

### **3.5 Communication**

The following will be the communication protocol for any emergency:

- Intra-island communication will be by Two-way radio
- Off-island communication will first be by cell phone
- A ship to shore radio system will be the backup system for off-island communication.

ATTACHMENT A  
EMERGENCY CONTACT PHONE NUMBERS

**EMERGENCY CONTACT PHONE NUMBERS**  
***THIS PAGE SHALL BE CONSPICUOUSLY POSTED***

<b><u>AGENCY/COMPANY</u></b>	<b><u>CONTACT</u></b>	<b><u>PHONE NUMBER</u></b>
Fire Department		<b>911</b> or 315-788-1313
Police Department		<b>911</b> or 315-788-1313
<b>Hospital Emergency Room</b>	<b>Samaritan Medical Center 830 Washington Street Watertown, New York</b>	<b>(315) 785-4104 or 911</b>
	Carthage Area Hospital 1001 West Street Carthage, New York	(315)-493-1000
Ambulance		<b>911</b> or 315-788-1313
Poison Control Center	National Number	(800) 222-1222
National Response Center	National Number	(800) 424-8802
US Coast Guard	Search and Rescue	(315) 345-1551
Jefferson County Emergency Management	Glen Morrison	(315) 786-2601