



***Grand River Wind, LLC  
Trishe Wind Ohio, LLC***

September 5, 2018

VIA ELECTRONIC FILING

Ms. Barcy McNeal  
Public Utilities Commission of Ohio  
Administration/Docketing  
180 East Broad Street, 11<sup>th</sup> Floor  
Columbus, Ohio 43215-3793

Re: Trishe Wind Ohio, LLC, Case Nos. 13-197-EL-BGN, 16-0343-EL-BGA, 16-1687-EL-BGA, 17-1099-EL-BGA

Subject: Transmittal of "Fire Protection and Medical Emergency Plan" for Operations Phase, Northwest Ohio Wind Project

Dear Ms. McNeal

As stated as a Post-Construction Condition (number 35) in the Ohio Power Siting Board ("Board") Certificate, please find enclosed our Fire Protection and Medical Emergency Plan which will apply for the Operations phase of the Northwest Ohio Wind Project under the aegis of Trishe Wind Ohio, LLC ("Trishe"). This Plan material will be integrated with other day-to-day Project procedures including those authored by our operations and maintenance contractor, General Electric Renewables ("GE"). Said Plan will also be a key part of the site orientation and onboarding training completed by Project staff and all contractors/third parties visiting or performing work at the various Project sites.

Please contact me if the OPSB has any questions or concerns regarding this submittal.

Regards.

A handwritten signature in black ink, appearing to read 'Hookham'.

Chuck Hookham  
Project Director  
Phone: (517) 416-4721

Enclosure: Fire Protection and Medical Emergency Plan

cc. M. Smith (Grand River)  
A. Smith (Grand River)  
D. Conley (GE)



GRAND RIVER WIND, LLC  
TRISHE WIND OHIO, LLC  
and  
GENERAL ELECTRIC RENEWABLE ENERGY

## **Fire Protection and Medical Emergency Plan**

## PLAN ORGANIZATION

This document provides specific emergency contact data for medical and other emergency conditions, as well as basic procedural data for inclusion in overall NWO Wind procedures and training guidelines. Given that the Project facilities are located nominally 6 to 10 miles from a city/town with medical response, proper planning and timing is critical to securing needed assistance. This Plan will be actively updated as needed. There are forty-four Project areas: forty-two wind turbine generator (WTG) sites, Collector Substation, and O&M Building complex.

## LOCAL EMERGENCY CONTACT INFORMATION

For local medical services, fire, police emergencies, severe injuries, or terrorist threats, the respondent or affected party shall first dial **911** for proper authorities and then contact a member of both Grand River Wind, LLC (CMS Energy) and General Electric Renewable Energy management listed herein. The following information has been compiled in concert with the local first responder persons and teams, for needs that are less-immediate.

### Local Police (Non-Emergency)

Paulding County Sheriff’s Office (Sheriff: Jason K. Landers)

Appointed Deputy Contact: Lieutenant Brandon J. Manz

Phone: 419-399-3791

Address: 500 East Perry St.  
Paulding, OH 45879

### Local Fire (Non-Emergency)

Scott Volunteer Fire Dept. (*Jurisdiction is all turbines/facilities West of County Road 123, including O&M Complex and Collector Substation; located about 1.5 miles to south*)

Fire Chief – Jay Klopfenstein

Phone: 419-597-1130

Address: 12423 Blaine St.  
Scott, OH 45886

Grover Hill Volunteer Fire Dept. (*Jurisdiction is all turbines/facilities East of County Road 123*)

Fire Chief – Dave Volk

Phone: 419-771-9493

Address: 104 S. Main St.  
Grover Hill, OH 45849

### Preferred Occupational Clinic:

Paulding County Hospital

Phone: 419-399-4080

Poison Control Phone: 800-222-1222

Address: 1035 W. Wayne St.  
Paulding, OH 45879

### Preferred Hospital Location (see Map on Page 2):

Paulding County Hospital

Phone: 419-399-4080

Address: 1035 W. Wayne St.  
Paulding, OH 45879

	<b>Northwest Ohio Wind Project (“NWO Wind”)</b>
	Plan: Fire Protection and Medical Emergency
	Reference Standard: Corporate HSE Standards



### **CMS Energy Points-of-Contact**

#### Primary:

Chuck Hookham

Phone: 517-416-4721 (mobile, 24x7)

#### Back-up:

Matt Smith

Phone: 248-835-5664 (mobile)

Address: One Energy Plaza  
Jackson, MI 49201

### **General Electric Renewable Energy Points-of-Contact**

#### Primary:

Daniel Conley

Mobile Phone: 419-203-3733

Site Phone: 419-513-2414

Site Address: 11874 State Road 114  
Haviland, OH 45851

#### Secondary:

TBD

## **FIRE PROTECTION PLAN**

### Scope

This section covers plans and guidelines to protect the work place, Project property and adjacent land areas from fire hazards. Included are guidelines regarding appropriate water supply, firefighting equipment, and training that will be included in Project procedures.



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All assigned Grand River Wind, LLC (CMS) and General Electric Renewable Energy personnel will be responsible for ensuring that this planning information is fully supported and that all employees, contractors, and third parties follow such.

### **General Requirements**

It is of utmost importance on all projects and within the confines of an existing operating Wind Project, that all employees, contractors, and third parties be aware of and comply with this Fire Protection Plan and associated procedures, in addition to the established Industry and local Paulding County fire prevention and protection procedures.

All employees, contractors, and third parties will receive site-specific orientation prior to performing any work. Orientation will include general training on this Fire Protection Plan and necessary emergency response.

Project procedures implementing the Fire Protection Plan will include the following as a minimum:

1. Provisions for fire prevention (e.g., hot work permits and proper suppression equipment) and event response at the forty-two separate WTG sites (including pad mount transformers);
2. Provisions for fire prevention, detection, and suppression in Collector Substation Control Enclosure proper, and for fire response in the fenced-in Substation in general;
3. Provisions for fire prevention, response, and protection of the O&M Building including adjacent oil storage shed, laydown yard and parking area, and emergency generator;
4. Response protocol during fire emergencies, including communications and contact with local fire authorities (see Page 1) and emergency response.

The Scott Volunteer Fire Department (see “Emergency Contacts”) is the closest emergency responder in the case of any fire. For fires identified within the Collector Substation and O&B Building complex, the assigned Project personnel (General Electric and Grand River Wind) shall initially both notify the Scott Volunteer Fire Department contact for specific support needs and General Electric’s primary notification person (see previous), and shall then quickly and safely respond in one of the following methods (extinguishers are located at building/enclosure entrances):

- Suspected electrical fire: (1) disconnect electricity source via remote means (e.g., substation control enclosure or O&M Building electrical panel), (2) secure and apply Class ABC or Class C extinguisher to fire, following safe operating procedures;
- Suspected non-electrical fire: apply Class ABC fire extinguisher to the fire, until extinguished, taking care to avoid damage to control systems if possible.

Procedures shall also be written to assure that:

1. No welding, cutting, or other work which could generate sparks, heat, or other

combustion shall be performed unless a Hot Work Permit has been approved by the General Electric lead person assigned. A dedicated fire watch shall be identified for the work and appropriate number of extinguishers (minimum two Class ABC) shall be assigned to the work area; Fire watchers shall watch the area for 30 minutes after work is performed and follow up check after two hours has passed to verify absence of any sign of fire;

2. Posting of emergency contacts shall be made at relevant locations in the O&M Building, Substation entry gate, and Substation Control Enclosure;
3. Annual meetings shall be held with the Fire Departments listed previously, to discuss the prior year's performance, typical needs when responding to Project-related fires, emergency contact plan, and other relevant details;
4. No smoking or open flames are allowed in the Collector Substation, within the WTG towers and nacelles, inside the O&M Building, or within 50 feet of the Oil Storage Shop, any transformer, and emergency generator;
5. Exit routes shall be posted for the O&M Building, along with a defined muster point for employees, contractors, and third parties;
6. Flammable liquids shall be kept in closed containers and flammable materials shall be kept secured while outside of the O&M Building office wing;
7. Flammable and combustible materials shall be isolated from ignition sources at all times;
8. Ensure fire safety integrity of fire protection equipment according to manufacturer, National Electric Code (NEC) and National Fire Protection Association (NFPA) specifications, such as annual inspection of equipment for function;
9. All employees, contractors, and third parties will be made familiar with the location and use of fire extinguishers, this Plan, and associated procedures initially during orientation training and four times a year during weekly safety meetings.

### **Specific Requirements by Area**

#### **Collector Substation**

The Substation Control Enclosure is equipped with three Class ABC fire extinguishers at doorways and intermediate location (all posted) and also contains smoke, hydrogen, and temperature detectors which generate local alarms. No other fire protection equipment or systems are installed within the Collector Substation perimeter.

Electrical fires associated with medium (34.5 kV) and high voltage (138 kV) equipment are typically viewed to be hazardous to first responders and assessment of the source and best action forward should occur at a safe distance. Removal of electrical energy through protective equipment controls (e.g., opening 138 kV disconnect switch, tripping incoming power supply from Paulding Putnam Electric Cooperative, others) should be considered if the access path to said operable equipment is safe to traverse. If necessary, a telephone call should be placed to AEP Ohio Transmission Company to isolate 138kV power supply from the Haviland Substation as a first step.



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Fires in batteries and other internal Control Enclosure equipment shall also be responded to with care and with proper extinguishing equipment. If the Enclosure hydrogen detector is alarming, the Enclosure should not be entered and shall be immediately evacuated.

#### O&M Building

The O&M Building is equipped with five Class ABC fire extinguishers throughout the facility, typically near perimeter doors. There is no fire alarm system in the building, nor is there any dedicated fire protection system associated with the Oil Storage Shed (such is located 50 feet from the O&M Building).

#### WTGs and Surrounding External Areas (Farmland)

The forty-two WTG and pad mount transformer areas are not equipped with any fire protection equipment (suppression or alarming). In the event that a fire is detected through either WindCONTROL (loss of WTG function) or visual means, the responding Project personnel shall utilize vehicles equipped with mobile fire extinguishers rated as Class ABC as the fire source and risk likely will not be known. As there is limited flammable material up-tower in the WTGs, responding personnel shall wait until all signs of active fire have dissipated before attempting to climb the access ladder to the WTG nacelle area. Any fire associated with WTG down-tower equipment or pad mount transformer should be safely extinguished by the responding personnel upon arrival. The initial goal of first response is to prevent any WTG or transformer-related fire from spreading onto adjacent properties.

**This foregoing document was electronically filed with the Public Utilities**

**Commission of Ohio Docketing Information System on**

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**in**

**Case No(s). 16-1687-EL-BGA**

Summary: Notification of Compliance with Condition 35-Fire Protection and Medical  
Emergency Plan electronically filed by Mr. Adam C. Smith on behalf of Northwest Ohio Wind,  
LLC