



COLUMBUS | CLEVELAND
CINCINNATI-DAYTON
MARIETTA

BRICKER & ECKLER LLP
100 South Third Street
Columbus, OH 43215-4291
MAIN: 614.227.2300
FAX: 614.227.2390

www.bricker.com
info@bricker.com

Sally W. Bloomfield
614.227.2368
sbloomfield@bricker.com

November 15, 2016

Via Electronic Filing

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

Re: Hardin Wind Energy LLC, Case No. 09-479-EL-BGN

Dear Ms. McNeal:

The March 22, 2010 Opinion, Order, and Certificate ("Certificate") approving Hardin Wind Energy LLC's ("Hardin Wind Energy") Certificate of Environmental Compatibility and Public Need established a set of conditions as part of the Certificate. On April 29, 2011 in Case No. 11-3446-EL-BGA, the Ohio Power Siting Board ("OPSB") approved an amendment ("Amended Certificate") to Hardin Wind Energy's Certificate, which also established an additional set of conditions.

Within this set of conditions, **Certificate Condition No. 55** requires that:

At least 30 days before the preconstruction conference, Hardin shall submit to staff, for review, a fire protection and medical emergency plan, to be developed in consultation with the fire department having jurisdiction over the area.

On September 28, 2016, Hardin Wind Energy filed its Emergency Response Plan. In compliance with **Certificate Condition No. 55**, attached is an updated version of the Emergency Response Plan dated November 2016.

If you have any questions please call at the number listed above.

Sincerely,

Sally W. Bloomfield

Attachment

cc: Andrew Conway (w/Attachment)
Derek Collins (w/Attachment)



Emergency Response Plan

Hardin Wind Project *Hardin County, Ohio*

Invenergy, LLC
Chicago, Illinois

Revision 1: November 2016



Emergency Response Plan Hardin Wind Project

November 2016

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1.0 Introduction

Invenergy plans to construct wind turbines at multiple locations south of the village of Alger, Ohio and east of the village of McGuffey in Hardin County. The turbines will be located in agricultural fields spanning south from Township Road 92 to Township Road 130, east of Highway 235, and north of Township Road 106 to Township Road 80, east of McGuffey. Table 1 provides a list of the turbine construction sites with their addresses or a description of their locations to be used in case of emergency. During October through December 2016, Invenergy intends to conduct preliminary construction activities to prepare the sites for foundation construction in 2017.

This phase of the project will involve excavation of site soils and placement of a “mud mat” support for the final foundation. Some heavy equipment will be used on the sites by a few on-site operators. Construction will be staged such that work is completed at one location prior to proceeding to the next turbine site.

Table 1: Turbine Construction Site Locations

Site Number (Figures)	Latitude	Longitude	Site Address/Description
2	40° 41.89499' N	83° 50.26140' W	TBD
3	40° 41.67856' N	83° 50.25008' W	TBD
4	40° 41.48097' N	83° 50.01094' W	TBD
5	40° 42.09200' N	83° 49.69956' W	TBD
6	40° 41.93681' N	83° 49.63689' W	TBD
20	40° 41.25869' N	83° 50.31461' W	TBD
21	40° 41.12118' N	83° 50.21435' W	TBD
33	40° 40.28339' N	83° 50.72463' W	TBD
35	40° 40.25220' N	83° 50.19168' W	TBD
37	40° 39.29648' N	83° 50.68479' W	TBD
38	40° 39.38561' N	83° 50.24719' W	TBD
16	40° 41.07920' N	83° 49.78946' W	TBD
17	40° 40.91790' N	83° 49.77766' W	TBD
19	40° 40.60834' N	83° 49.64105' W	TBD
18	40° 40.76609' N	83° 49.70948' W	TBD
101	40° 41.23339' N	83° 45.20403' W	TBD
121	40° 41.19134' N	83° 44.99570' W	TBD
103	40° 41.12906' N	83° 44.79720' W	TBD

104	40° 41.07759' N	83° 44.59855' W	TBD
105	40° 41.01431' N	83° 44.39564' W	TBD
106	40° 40.95476' N	83° 44.19514' W	TBD
112	40° 42.83790' N	83° 42.35037' W	TBD
113	40° 42.38166' N	83° 42.30916' W	TBD
114	40° 42.12313' N	83° 42.31787' W	TBD
115	40° 42.03937' N	83° 41.92534' W	TBD
116	40° 41.90629' N	83° 41.81558' W	TBD

2.0 Emergency Response Plan

This Emergency Response Plan is intended to provide direction for immediate response to a serious site occurrence such as injury, fire, or severe weather event. A copy of this plan will be kept at each site. The designated emergency signal will be established for each turbine site; any changes should be noted at regular safety meetings. Preliminary evacuation routes and muster points have been included on Figure 1, but will be updated as needed based on site conditions.

In the event of an emergency requiring evacuation, the emergency signal will be used and site-specific emergency procedures will be followed. Employees will evacuate the site on foot, or in a vehicle if possible to do so safely, and meet at the designated muster point. Site personnel will not attempt any emergency service procedures, except those necessary to render first-aid and for the safe evacuation of others.

The Construction Manager has overall responsibility for this Emergency Response Plan and should be notified whenever this plan is utilized or whenever there is a question on proper implementation to allow for critique of the emergency response and subsequent follow-up.

The contractor is responsible for contractor and subcontractor employee safety training and safety protocols.

3.0 Emergency Contacts and Notification Procedures

Table 2: Emergency Contacts

Agency / Firm			Telephone Number
Fire Department / Police / Ambulance			911
U.S. Poison Control Center			800-222-1222
Hospital:	Lima Memorial Hospital (For sites 2 – 38)	Address: 1001 Bellefontaine Ave. Lima, OH 45804	419-228-3335
Hospital:	Hardin Memorial Hospital (For sites 101 - 121)	Address: 921 E. Franklin St. Kenton, OH 43326	419-673-0761
Urgent Care:	Ada Life Medical Center	Address: 520 W Lincoln Ave, Ada, OH 45810	419-634-2015
Invenergy Contacts	Project Manager Geoff Kerr		803-747-1818 (cell)
	Project Manager Backup Raquel Justa		312-288-1605 (cell)
Contractor Contacts	Construction Manager Matt Kadinger		262-825-7345 (cell)
	Brian Schwebke		920-470-7255 (cell)
	TBD		TBD (work) (cell)

Emergency Notification Procedure:

1. Call 911 or otherwise seek immediate treatment if a medical emergency or emergency requiring site evacuation has occurred. In case of medical emergency, do not transport an affected employee; contact emergency services and wait for them to arrive onsite.
2. Notify the Construction Manager as soon as possible. The employee in the field or the Construction Manager will then notify Invenergy.

4.0 Medical Emergencies Procedure

The contractor and subcontractor will have first aid and CPR trained staff on-site and will provide adequate first aid supplies. If a medical emergency arises, follow the procedure in Section 2.0. Do not transport an affected employee; contact emergency services and wait for them to arrive onsite.

In case of minor injuries, trained staff will provide first aid, as able. In case of injuries requiring care beyond first aid, staff will seek medical care at Lima Memorial Hospital. Follow the non-emergency response and notification procedure. Figure 2 provides a map and directions to the Lima Memorial Hospital.

Non-Emergency Response and Notification Procedure:

1. Conduct first aid as appropriate.
2. Immediately notify the Construction Manager.
3. The Construction Manager will contact Invenergy.
4. If medical attention is required, another staff member will transport the affected employee to the Lima Memorial Hospital.

5.0 Fire Emergency Procedures

The emergency response plan will be followed in the event of a fire. Fire extinguishers and other required fire prevention equipment will be available onsite and in vehicles as necessary. Ignition sources will be kept a safe distance from combustible materials and smoking will be permitted only in designated areas. If welding or cutting operations will be necessary near combustible materials, the area will be sprayed with water or another form of fire protection will be used. Whenever possible, flammable and combustible materials will be removed from the demolition work area and will not be allowed to accumulate to the extent that they become a fire hazard.

6.0 Evacuation Procedures

As described in Section 2.0, Figure 1 provides evacuation routes and muster points for each turbine construction site. Site personnel will review the evacuation routes and muster points prior to beginning work at a new site. The emergency signal will be determined and shared with all site staff at the regular safety meetings and with any visitors.

If any site personnel recognize an emergency situation that requires evacuation, they will sound the emergency signal. All site personnel will evacuate the site via safe evacuation routes and make their way to the muster point. As the turbine site typically have one access drive, the primary evacuation route will be along the main access, and the muster point will be at the intersection with the main public road. If the primary evacuation route is unsafe, employees should find another path off site. At the muster point, the site foreman (to be determined) will take a headcount and perform notifications using the procedure and contacts in Section 3.0.

7.0 Tornado and Weather Disaster Procedures

Severe weather, including thunderstorms, tornadoes, and winter storms, can jeopardize worker safety. Weather conditions should be monitored for signs of increased cloudiness, darkened skies, or increased wind while working outdoors. Tornadoes usually develop from thunderstorms at the trailing edge of the storm. Most tornadoes occur in April through July in the late afternoon or early evening hours.

The local weather service will issue a storm or tornado watch when favorable conditions exist for the development of a storm or tornado and a storm or tornado warning when a storm or tornado has been spotted or is imminent. When a warning is issued, prepare to halt site activities and seek shelter.

For thunderstorms, follow the 50-30 rule: if lightening is noticed within 50 miles all personnel will be on alert. If Lightening is noticed within 30 miles, then everyone will be on a stand down. Wait 30 minutes until after the final observation of thunder and/or flash of lightening before resuming work. The turbine construction sites are located in a rural setting with few options for nearby indoor shelters. Personnel caught outside in the open will take shelter in a low area such as a valley. Stay away from open water, metal objects, and tall, isolated objects. Individuals caught together in a thunderstorm, will spread out, staying several yards apart.

If caught in a winter storm near your vehicle, stay in the vehicle and wait for help.

8.0 Earthquake Emergency Procedures

Ohio is located on the edge of the New Madrid Seismic Zone¹. Although earthquakes occur in Ohio, most are not strong and cause little damage and few injuries. If an earthquake event that compromises staff safety onsite occurs during the construction phase, the emergency signal and evacuation procedure will be activated.

¹ "Earthquakes and Seismic Risk in Ohio", M. C. Hansen, Geofacts No.3,
<http://geosurvey.ohiodnr.gov/earthquakes-ohioseis/seismic-risk-in-ohio>, Last Updated: 07/22/2010,
 Accessed: 09/16/2016.

9.0 Security Plan

Security measures will be used as necessary to secure the site while the Contractor and subcontractors are present, in order to:

- Protect the public from inadvertently or purposefully entering the project site and potentially being injured,
- Support safe transportation of materials, equipment, and personnel on and off the project site, and
- Secure materials and equipment being used onsite.

The Construction Manager will determine and implement any necessary security measures. Methods used for security may include use of barriers such as fencing, cones, signage, etc. Contractor and subcontractor staff will report any security concerns to their site supervisor, who will notify the Construction Manager.

Figures



- Turbine Location (8/5/2016)
- Muster Point
- Evacuation Route Direction
- Transportation Route
- Access Road

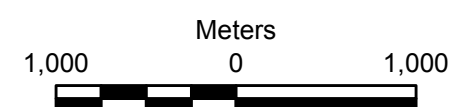
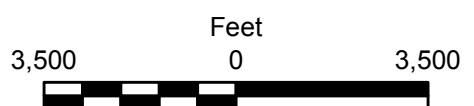
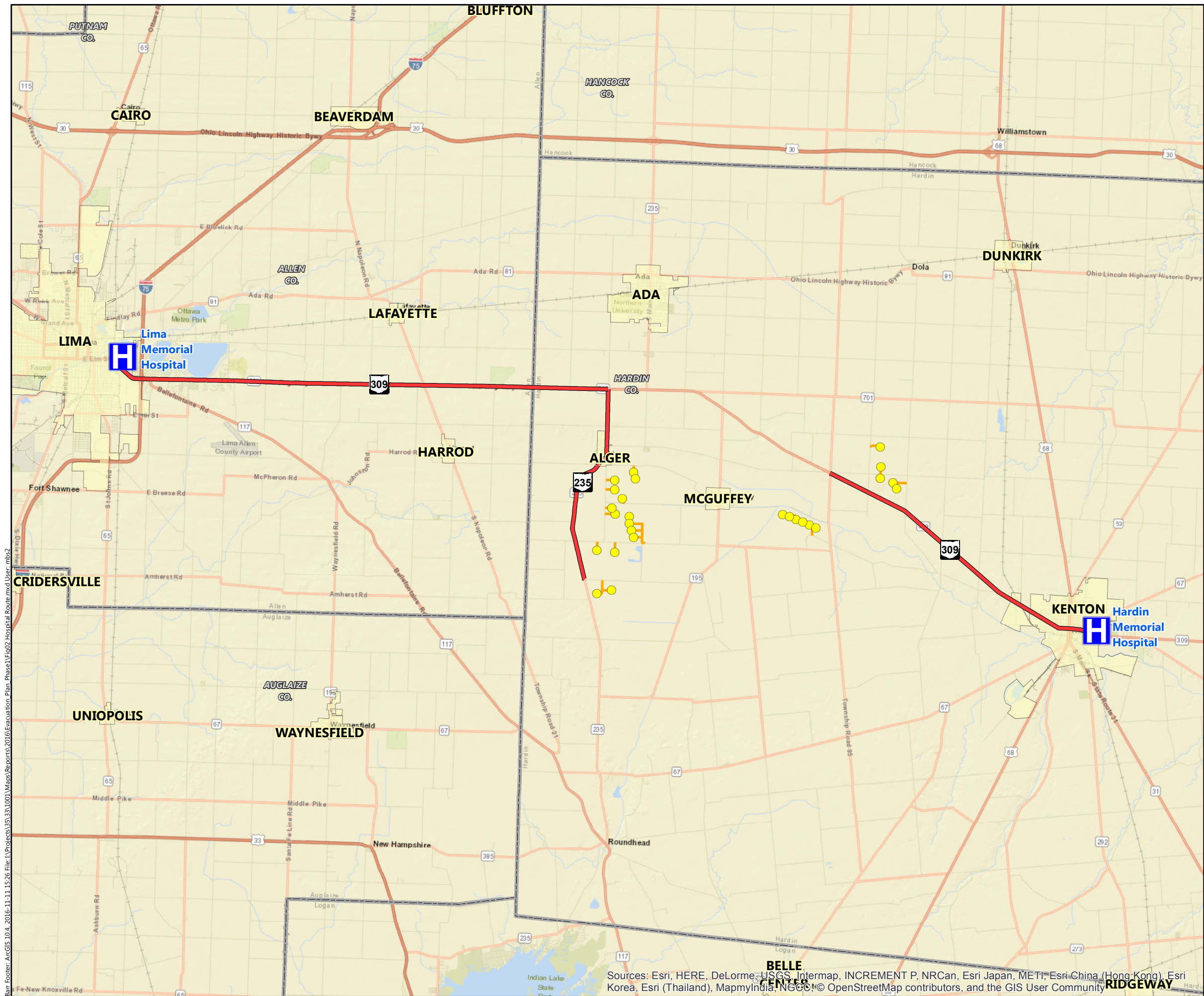


Figure 1

EVACUATION PLAN
Hardin Wind Project
Invenergy LLC
Hardin County, Ohio



- Turbine Location (8/5/2016)
- Hospital Route
- On-site Transportation Route
- On-site Access Road



Miles
2.5 0 2.5

Kilometers
4 0 4

Figure 2

**HOSPITAL ROUTE
- LIMA -**

Hardin Wind Project
Invenergy LLC
Hardin County, Ohio

This foregoing document was electronically filed with the Public Utilities

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in

Case No(s). 09-0479-EL-BGN

Summary: Correspondence of Hardin Wind Energy LLC in Compliance with Condition No. 55 - Updated Emergency Response Plan electronically filed by Teresa Orahod on behalf of Sally W. Bloomfield