



**Uplands Wind LLC**  
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Public Service Commission of Wisconsin  
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September 27, 2023

Kristy Nieto, Administrator  
Public Service Commission of Wisconsin  
Division of Energy Regulation and Analysis  
North Tower, 6<sup>th</sup> Floor  
Hills Farm State Office Building  
4822 Madison Yards Way  
Madison, Wisconsin 53705  
[Kristy.Nieto@wisconsin.gov](mailto:Kristy.Nieto@wisconsin.gov)

Re: Uplands Wind Project, Grant, Iowa and Lafayette Counties, Wisconsin

Dear Ms. Nieto:

On behalf of Uplands Wind LLC, please find a pre-application notice for the proposed Uplands Wind Project (Project), a 600-megawatt (MW) wind energy facility proposed to be located in Iowa, Lafayette, and Grant Counties, Wisconsin.

Please contact Michael Goff, Development Manager (608) 716.4360, [michael.goff@PatternEnergy.com](mailto:michael.goff@PatternEnergy.com), or Justin Chasco, project counsel (608) 266.4431, [Jchasco@fredlaw.com](mailto:Jchasco@fredlaw.com) with any questions regarding the Project or the pre-application notice.

Sincerely,

*Cary Kottler*

Cary Kottler  
Authorized Signatory  
Uplands Wind LLC

## Pre-Application Notice for the Uplands Wind Project

Please take notice that Uplands Wind LLC Project intends to file an application for a Certificate of Public Convenience and Necessity (CPCN), Wis. Stat. § 196.491(3) no sooner than 180 days from the date of this Notice for the Uplands Wind Project (Project).

This Notice reflects preliminary information that may be subject to change. Further details of the Project will be provided to the Commission and the Wisconsin Department of Natural Resources in an Engineering Plan pursuant to Wis. Stat. § 196.491(3)(a)(3.).

### **(a) Complete description of the wind energy system, including the number and size of the planned wind turbines.**

**Location:** The Project would be located in portions of Grant, Iowa, and Lafayette Counties in Wisconsin. A map is attached showing the planned location of all wind energy system facilities. The depicted locations are preliminary and subject to change.

**Project Description:** The Project is expected to have a capacity of up to 600 MW, with 134-180 turbines, depending on Project design and turbine selection. Table 1 provides details for the turbine models being considered.

<b>Table 1 – Turbine Specifications</b>	
<b>Turbine capacity</b>	3.4 – 4.5 MW
<b>Rotor diameters</b>	459 – 538 ft (140 – 164 m)
<b>Hub height</b>	267 – 384 ft (81.5 – 117 m)
<b>Total turbine height above ground surface</b>	492 – 640 ft (150 – 195 m)

The Project will also include a substation, underground electrical collection lines, access roads, permanent meteorological towers, two 345 kV gen-tie lines totaling approximately 41 miles in length, and an operations and maintenance building.

**Land Agreements:** Uplands Wind LLC has secured options for more than 45,000 acres through agreements with landowners. Additional agreements are expected to be signed prior to submission of the CPCN application that will secure rights to all the land necessary to construct and operate the Project.

**Grid Connection:** The Project will have two points of interconnection (POIs) at 300 MW each. The first POI is the Hill Valley ATC Substation, located along the Cardinal-Hickory

Creek 345 kV line. The second POI is a new substation connecting to the Cardinal-Hickory Creek 345 kV line.

**Schedule:** Uplands Wind LLC anticipates commercial operation of the Project in Q4 2027.

**(b) A map showing the planned location of all wind energy system facilities.**

A Project Overview map is attached showing approximate Project boundaries.

**(c) Contact information for the owner.**

Uplands Wind LLC  
 Attn: Michael Goff & General Counsel  
 1088 Sansome Street  
 San Francisco, CA 94111  
 (608) 716-4630  
[michael.goff@patternenergy.com](mailto:michael.goff@patternenergy.com); [generalcounsel@patternenergy.com](mailto:generalcounsel@patternenergy.com)

**(d) A list of all potential permits or approvals the owner anticipates may be necessary for construction of the wind energy system.**

Table 2 contains potential permits and approvals that may be required for the construction of the Project.

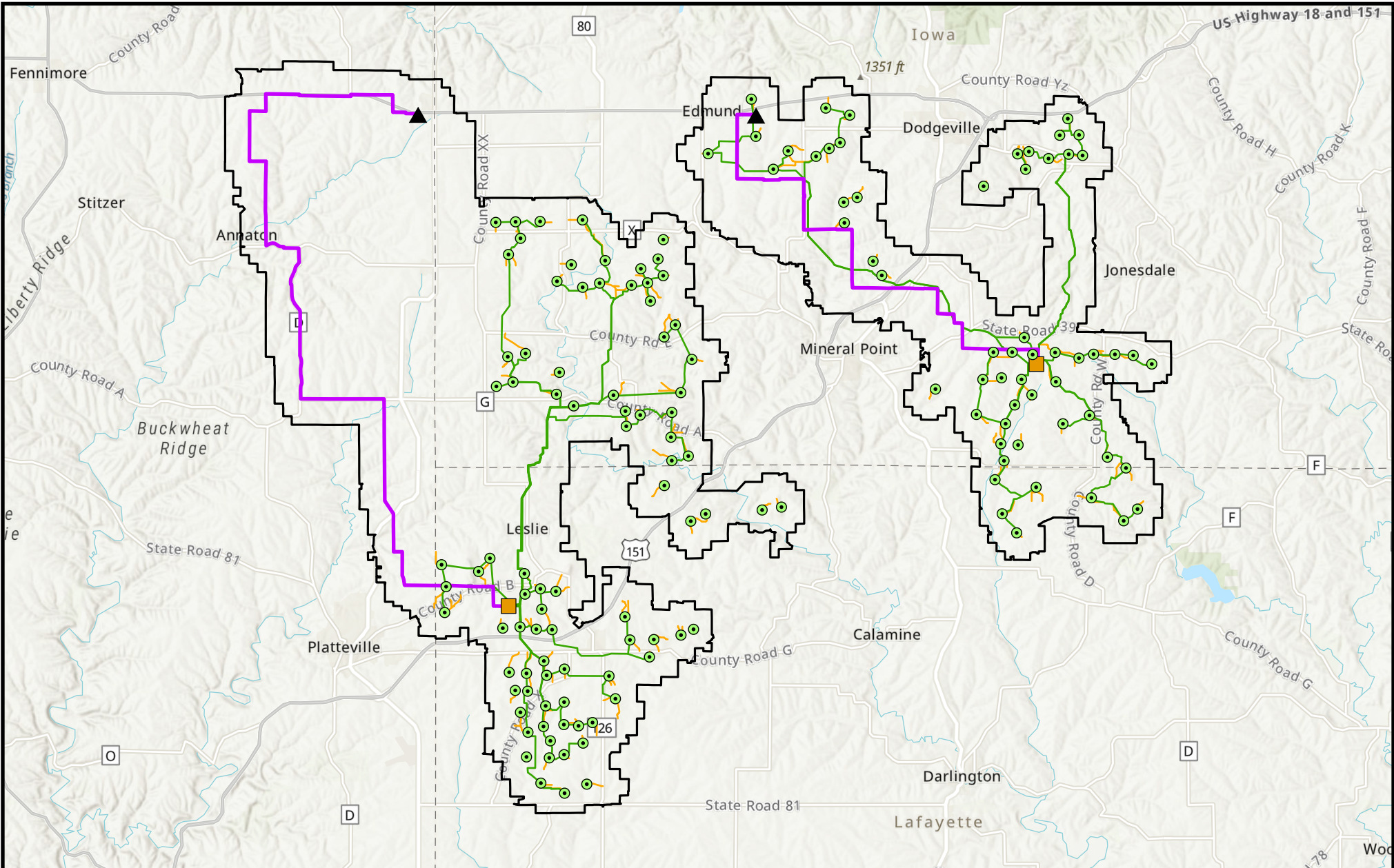
<b>Table 2 – Potential Federal, State, and Local Permits / Approvals</b>		
<b>Jurisdiction</b>	<b>Agency</b>	<b>Permit / Approval</b>
Federal	Federal Aviation Administration	Notice of Proposed Construction or Alteration (Form 7460-1)
		Notice of Actual Construction or Alteration (Form 7460-2)
	Federal Energy Regulatory Commission	Large Generator Interconnection Agreement (LGIA)
	U.S. Army Corps of Engineers	Section 404 Clean Water Act permitting for activities on/in jurisdictional Waters of the U.S.
	U.S. Department of Agriculture, Farm Services Agency	Mortgage loans review
	U.S. Department of Commerce – National Telecommunications and Information Administration (NTIA)	NTIA Communications Study to determine if Project will impact Federal government communication systems





	U.S. Department of Defense	Military Aviation and Installation Assurance Siting Clearinghouse Review
	U.S. Department of Energy, Energy Information Administration (EIA)	EIA 860 (and extension form 860-M)
	U.S. Environmental Protection Agency	Spill Prevention Control and Countermeasure (SPCC) Plan
	U.S. Fish and Wildlife Service	Compliance with Endangered Species Act, Migratory Bird Treaty Act, Bald and Golden Eagle Protection Act
	National Oceanic and Atmospheric Administration	NexRAD
State	Public Service Commission of Wisconsin	CPCN for construction of a wind energy project 100 megawatts or greater
	Wisconsin Department of Agriculture, Trade and Consumer Protection	Aboveground Storage Tank Registration
	Wisconsin Department of Natural Resources	Section 401 Water Quality Certification
		Dewatering Permit
		Wetland Individual or General Permit
		Waterway Individual or General Permit
		Water Use Permit
		Water Withdrawal Permit
		Well Construction Notification
		Endangered Resources Review
	Storm Water Construction Permit including an Erosion Control and Storm Water Management Plan	
	Wisconsin Department of Transportation	Heavy and Oversized Load Permits
		Permit to Construct and Operate Utility Facilities on Highway Right-of-Way
Permit for Connection to State Trunk Highway		




		Permit to Work on Highway Right-of-Way
		High Structure Permit
	Wisconsin State Historical Society	Archaeological and Cultural Resource Review

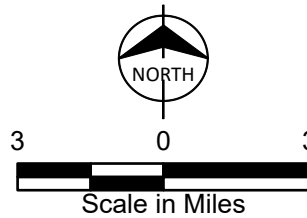
**(e) Whether the owner is requesting a joint application review process under s. PSC 128.30 (7) and the name of each political subdivision that may participate in the joint review process.**

Not Applicable. The Project will require a CPCN, not local review under Wis. Admin. Code Ch. PSC 128. Uplands Wind LLC is not requesting joint application review under Wis. Admin. Code § 128.30 (7).



-  Project Area
-  Wind Turbine Location
-  Interconnection Point
-  Project Substation & O&M Building

-  Generator Tie Line Path
-  Collector Circuit
-  Access Road



**BURNS  
MCDONNELL**

Uplands Wind LLC  
Wisconsin

Location of System Facilities  
(PRELIMINARY - Subject to Change)