



Dodge County Environmental Services
 22 6th St East, Dept 123
 Mantorville, MN 55955
 Phone 507-635-6272
 www.co.dodge.mn.us

Application Fee \$ 500.00
 Recorder Fee \$46.00
 Date Received _____
 Received by _____

CUP APPLICATION WIND ENERGY CONVERSION SYSTEMS (WECS) Commercial or Non-Commercial

Applicant Name: _____

Address _____ City _____

State & Zip Code _____ Phone _____

E-mail Address (if available) _____

Name of Authorized Agent/ Project Manager _____

Address _____ City _____

State & Zip Code _____ Phone _____

Project Name: _____

Web site (if available) _____

Site location(s): Township _____ Section _____ 1/4: ____ of 1/4 ____
 Township _____ Section _____ 1/4 ____ of 1/4 ____

Parcel ID Number(s) (if applicable) _____

Part A:

Application Requirements: An application to the County for a permit under Chapter 21 is not complete unless it contains the following:

- i. The name, address, telephone number and signature of the project applicant, or authorized representative/agent of the applicant.
- ii. The role of the permit applicant in the construction and operation of the WECS.

- iii. The operator of the WECS, if different from the applicant or owner.
- iv. The name(s), address(es), telephone number(s) and signature(s) of the project owner(s). For C-BED projects, information must be provided regarding the percent of ownership for each of the project owners.
- v. List of all contractor's performing work on the project and the duties they are responsible for completing.
- vi. Name and contact information for local on-site project manager/general contractor responsible for daily project oversight and complaint resolution.
- vii. The legal description and address of the project (if applicable).
- viii. A description of the project (and all phases of the project, if applicable) including: number, type, model, model information, total name plate generating capacity, tower height, rotor diameter, total height of all wind turbines, and means of interconnecting with the electrical grid
- ix. Site layout, including the location of all property lines, project area boundaries, land and wind right boundaries, property lines, roads, wind turbines, electrical wires (existing and proposed), interconnection points with the electrical grid, roads, access road/driveways (existing and proposed) drainage tile/systems, and all related accessory structures. The site layout shall include distances and be drawn to scale.
- x. Documentation of land ownership or legal control of the property and current land use on the site and surrounding area.
- xi. The latitude and longitude and GPS coordinate of individual turbine(s).
- xii. Noise modeling to verify project will comply with Minnesota Rules Chapter 7030 governing noise, as amended. Project must meet Minnesota Noise Standard, Minnesota Rules Chapter 7030 as amended. Specifically, residential noise standard NAC1, L50 50dBA during overnight hours.
- xiii. Micro-WECS and Non-Commercial WECS must provide documentation that the power will be utilized on-site.
- xiv. A United States Geological Survey (USGS) topographical map, or map with similar data, of the property and surrounding area, including any other WECS within 10 rotor diameters of the proposed WECS.
- xv. Location of wetlands, scenic, and natural areas including bluffs within 1,320 feet of the proposed WECS.
- xvi. Location of all known communications towers within five (5) miles of the proposed WECS. Documentation that the applicant notified all communication

tower operators shall be required. No WECS shall be constructed so as to interfere with County of Minnesota Department of Transportation microwave transmissions. The burden of proof shall be placed on the applicant to document that the proposed WECS will not interfere with the line of sight of other towers.

- xvii. Location of all known public or private airports or heliports within five (5) miles of the proposed WECS. All projects located within five (5) miles of licensed public and private airports/heliports shall provide verification that these facilities have been notified and that no conflicts exist with the proposed projects.
- xviii. Identification of haul routes to be utilized for material transportation and construction activities: state, federal, county and/or township roads. The permittee must provide written documentation that all haul routes have been approved by each of the road authorities with jurisdiction.
- xix. Copies of all relevant applications, permits and/or documentation that indicates compliance with all other local, state and federal regulatory standards, including but not limited to:
 - a. Federal Aviation Administration (FAA) approvals/standards
 - b. Minnesota Pollution Control Agency (MPCA) Rules, as amended. This includes, but is not limited to stormwater, solid and hazardous waste and noise.
 - c. Environmental Protection Agency (EPA) regulations, as amended.
 - d. MNDOT approvals – Roads, ROWs and Microwave Beam Path Corridors
 - e. Dodge County Highway Department approvals
 - f. Township Road Authority approvals
 - g. Federal Communication Commission (FCC) approvals
 - h. Minnesota Department of Natural Resources (MNDNR)
 - i. Minnesota State Historic Preservation Office (MNSHPO)
 - j. Office of the State Archeologist (OSA), completed by County
 - k. U.S. Fish and Wildlife Service (USFWS)
- xx. Locations and site plans for all temporary, non-residential construction sites and staging areas.

Applications for Commercial WECS shall also include:

- i. Detailed Decommissioning and Restoration Plan compliant with Section 2109.4
- ii. Description of potential impacts on nearby WECS and wind resources on adjacent properties. A Wake Loss Study may be required if the county determines the proposed project may have a significant impact on nearby WECS.
- iii. Modeling and a description of potential impacts from shadow/flicker, including the number of properties impacted by flicker and the hours of day each property will be subject to shadow/flicker. If no shadow/flicker is predicted to impact the property, the applicant shall provide a statement of "no impact".

- iv. Signed copy of the Power Purchase Agreement (PPA).
- v. Other WECS located in Minnesota in which the applicant/owner has an ownership of financial interest.

Part B: If your wind project has: 1) turbines from more than one manufacturer; 2) turbines whose characteristics are different from one another; and 3) turbines in the project with different in-service or start dates, you will need to fill out Part B for each turbine project or set of turbines whose characteristics are different.

B.1 Turbine Manufacturer: _____

B.2 Turbine Model: _____

B.3 Turbine Rating (Nameplate Capacity): Kilowatts _____ Megawatts _____

B.4 Blade Length in Feet: _____ Meters: _____

B.5 Rotor Diameter in Feet: _____ Meters: _____

B.6 Rotor Swept Area in Feet: _____ Meters: _____

B.7 Tower Height in Feet: _____ Meters: _____

B.8 Hub Height in Feet: _____ Meters: _____

B.9 Project Capacity (Nameplate): Kilowatts _____ Megawatts _____

B.10 Number of Permanent Met Towers: None _____ 1 _____ 2 _____ 3 _____ 4

B.11 Permanent Met Tower Height in Feet: _____ 1 _____ 2 _____ 3 _____ 4

B.12 Transmission Network Interconnection Voltage (Kilovolts):

< 25 (specify below) 115

_____ 138

25 161

34.5 230

41.6 345

69 other (specify)

B.13 Beginning Date of Commercial Operation: Month _____ Day _____ Year _____

B.14 Power Purchase Agreement With: _____

B.15 Power Purchase Agreement Expiration Date: Month _____ Day _____ Year _____

B.16 Comments (As needed for any clarification or explanation):

Signature Page for CUP Application:

Wind Energy Conversion Systems (WESC), Commercial or Non-Commercial

Signature of Applicant

Date

Signature of Authorized Agent/ Project Manager

Date

For Office Use Only:

Date Rcvd _____ Rcvd by _____ 15 days for Review _____ Dated Returned / by _____

Date Application is Accepted _____ Accepted by _____ 60 Days _____ 120 Days _____

Date of Public Hearing _____ Date Approved by County Board _____