

SANGAMON COUNTY
BUILDING SAFETY DEPARTMENT
(217) 535-3145 Fax (217) 747-5103
WIND ENERGY CONVERSION SYSTEM

Wind Energy Conversion Systems Permit Application

Application Date _____

Record # _____

Property Owner _____ Phone _____

Project Address _____

Address for permit to be sent _____

Contractor _____ Phone _____

Address Of Contractor _____

Township _____ Parcel # _____

Subdivision _____ Lot _____ Zoning _____

Parcel Type: _____ Industrial _____ Residential _____ Commercial _____ Agricultural

Tower Size: _____

KW Rating: _____

HEIGHT:

Mini Wind Energy Conversion system (Mini WECS) tower height less than 35' feet.

SWEC-Tower height shall be thirty-five (35') to eighty feet (80').

Wind Energy Conversion System shall meet the requirements of the FAA, state or other Federal Laws.

SETBACKS: All parts of the SWECS structure shall be set back a distance equal to 1.1 times the system height from the front, side and rear property lines; the principal structure; and any electric or other utility lines.

_____ (North Setback) _____ (South Setback) _____ (East Setback) _____ (West Setback)

NOISE: Will the noise levels exceed standards set by the Illinois Pollution Control Board for noise emissions from Class C land to Class A land regardless of the land use of the receiving land? _____ yes _____ no
(Noise levels shall be enforced by both the State of Illinois and Sangamon County.)

CERTIFICATION: Will the SWECS conform to applicable industry standards of the American National Standards Institute (ANSI) and be approved by a small wind certification program recognized by the American Wind Energy Association? _____ yes _____ no

APPEARANCE: Will the SWECS surface be a non-reflective, unobtrusive color? _____ yes _____ no
Will the manufacturer's identification with ratings be posted on the SWECS? _____ yes _____ no
(No other advertising signs or graphic designs shall be permitted on the SWECS.)

SAFETY: Will the SWECS be unclimbable for fifteen (15') above ground level? _____ yes _____ no
Will a visible "High Voltage" warning sign be placed on the SWECS? _____ yes _____ no

LIGHTING: Will the SWECS be lighted? _____ yes _____ no
(if yes, check requirements by the Federal Aviation Administration or other state or federal law)

BUILDING CODES: Do you agree to follow all county, state and national construction codes?
_____ yes _____ no

USE: The SWECS shall provide electricity for on-site use only. However, will the SWECS be connected to the commercial grid? _____ yes _____ no
Only one WEECS shall be allowed per land parcel or per principal structure.

Do you have evidence that the local electric utility has been informed of the intent to install an interconnected customer-owned generator? _____ yes _____ no

Do you have a letter from the Federal Aviation Administration (FAA) stating that the SWECS complies with FAA regulations? _____ yes _____ no

Do you have any additional structural and anchoring information may be required before a building permit is issued? _____ yes _____ no

SITE PLAN REQUIREMENTS:

- 1) Name, address and phone number of the property owner
- 2) Property lines
- 3) All structures
- 4) Septic field
- 5) Setback lines
- 6) Location of the tower, guy lines or anchor bases
- 7) Location of any above ground utility lines

ADDITIONAL SITE PLAN INFORMATION:

- 1) SWECS manufacturer
- 2) Name-plate generating capacity
- 3) Evidence that the local electric utility has been informed of the customer's intent to install an interconnected customer-owned generator.
- 4) Letter from the Federal Aviation Administration (FAA) stating that the SWECS complies with FAA regulations.
- 5) Additional structural and anchoring information may be required before a building permit is issued.

Date property will be staked out _____

Estimated Start Date: _____ Estimated Finish Date: _____

Estimated Cost of Construction: _____

Signature of Applicant _____ Date: _____

FOR OFFICE USE ONLY	
Plans Required ____ Yes ____ No	Permit Fee \$ _____ Penalty Fee \$ _____ Total Fee \$ _____
Access Approval Date: Township _____ State _____ County _____	
Regional Planning Approval Date: _____	
Zoning Approval _____ Inspector _____	