

**SANGAMON COUNTY ZONING AND BUILDING SAFETY  
DEPARTMENT**

200 So. 9<sup>th</sup> St.-Rm. 213-County Complex  
Springfield, IL 62701  
(217) 753-6760 \* Fax (217) 747-5103

**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: \_\_\_\_\_

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