

**IROQUOIS COUNTY
PERSONAL WIND ENERGY ORDINANCE**

Adopted: November 10, 2009

I. Introduction

A. Title

This Ordinance shall amend the Iroquois County Zoning Ordinance and be known, cited and referred to as the Iroquois County Personal Wind Energy Ordinance.

B. Purpose

This Ordinance is adopted for the following purposes:

1. To assure that any development and production of wind-generated electricity in Iroquois is safe and effective;
2. To facilitate economic opportunities for local residents;
3. To promote the supply of wind energy in support of Illinois' Statutory goal of increasing energy production from renewable energy sources.

II. Definitions

FAA: The Federal Aviation Administration of the United States Department of Transportation.

FCC: The Federal Communications Commission.

Primary Structure: The structure that one or more persons occupy the majority of time on that property for either business or personal reasons. Primary Structure includes structures such as residences, commercial buildings, hospitals, and day care facilities. Primary Structure excludes structures such as hunting sheds, storage sheds, pool houses, unattached garages and barns.

Small Wind energy System: A wind energy conversion system consisting of a wind turbine, a tower, and associated control or conversion electronics which will be used primarily to reduce on-site consumption of utility power.

System Height: With regard to a small wind energy system, the tower height plus the blade length.

Tower: With regard to small wind energy system, the tower is the height above grade of the fixed portion of the tower, excluding the wind turbine itself.

Turbine: The parts of the wind system including the blades, generator, and tail.

PERSONAL WIND TOWER

PERMITTED USE IN THE A-1, A-2, and RH-1 DISTRICTS

Small wind Energy Systems provided the following are met:

1. A Small Wind Energy System shall not be permit on any parcel that is less than 2.00 acres.
2. There shall be no more than one Small Wind Energy System located on a parcel.
3. Small Wind Energy Systems are only permitted as an accessory use to a primary structure, and in no case will a Small Wind Energy System be permitted on a vacant parcel.
4. Small Wind Energy Systems shall only be permitted in a rear yard.
5. Small Wind Energy Systems are not permitted in any platted subdivision.
6. Small Wind Energy Systems may not be constructed within any recorded easements.
7. The maximum permitted system height of a Small Wind Energy System from average grade to the top of the blade shall be no more than one hundred twenty five (125) feet. Wind Energy Systems over one hundred twenty-five (125) feet shall be covered by the Iroquois County Wind Energy Ordinance.
8. Small Wind Energy Systems shall be set back a distance equal to one hundred ten (110) percent of the system height from all adjacent property lines, third party transmission lines, communication towers, and from

occupied structures on the same parcel as the system. Additionally, a system must be a minimum distance equal to two hundred (200) percent of the system height from any dwelling inhabited by humans on neighboring property.

9. The minimum distance between the ground and any protruding blades utilized on a Small Wind Energy System shall be fifteen (15) feet, as measured at the lowest point of the arc of the blades. The lowest point of the arc of the blade shall also be ten (10) feet above the height of any structure within fifty (50) feet of the base.
10. Guy wires and anchoring systems shall extend no closer than eight (8) feet from an adjacent property line.
11. The supporting tower shall also be enclosed with an eight (8) foot tall fence or the base of the tower shall not be climbable for a distance of twelve (12) feet.
12. Small Wind Energy Systems shall not be artificially lighted unless required by the Federal Aviation Administration (FAA) or appropriate authority. Any required lighting shall be shielded so that no glare extends substantially beyond the boundaries of the facility.
13. Small Wind energy Systems, except as may be required by the FAA, shall be finished in either white or gray or another non-reflective, unobtrusive color as approved by the Iroquois County Planning & Zoning Department, including the blades. The finish shall be flat or matte. The required coloration and finish shall be maintained throughout the life of the system.

14. No Small Wind Energy System shall have any advertising material, writing, picture, or signage other than warning, equipment identification or ownership information. This prohibition shall include the attachment of any flag, decorative sign, streamers, pennants, ribbons, spinners or waiving, fluttering or revolving devices, but not including meteorological/weather devices.