## TOWN OF LOCKPORT

## SPECIAL USE PERMIT APPLICATION

## NONCOMMERCIAL WIND ENERGY CONVERSION SYSTEMS (WECS)

Property Owner:
Owner Address:
Phone #:

- § 200-191. Use Districts where allowed: Agricultural Use District (AG), Agricultural Residential Use District (AR) or Industrial Use District (IN)
- § 200-191. General regulations: The placement, construction, and major modification of all noncommercial wind energy conversion systems within the boundaries of the Town of Lockport shall be permitted only by a Special Use Permit by the Town of Lockport Planning Board.
- § 200-192. Special requirements: (submit ten (10) sets)
  - A. State Environmental Quality Review Act (SEQRA)
    Short form environmental assessment form (EAF)

- B. Necessary Permit Information:
  - (1 & 2 listed above)
  - 3. Specific information on type, size, height, rotor material, rated power output, noise characteristics
  - 4. Photographs or detailed engineered drawings including the tower and foundation
  - 5. Utility interconnection data and a copy of a written notification to the utility company
  - 6. An acoustic report for the specific wind turbine technology which provides sound curve based on production levels for the overall dB(A) measurement of the wind turbine at different wind speeds based on field testing
  - 7. A report from the turbine manufacturer stating the wind speed and conditions that the wind turbine is designed to withstand
  - 8. A copy of written notification to the FAA and to Mercy Flight, and any written correspondence
  - 9. If a proposed WECS is located within two (2) miles of any microwave communication link, then include a copy of written notification to the operator of the link
  - 10. If a proposed WECS is located within a 100-year floodplain area, then the application include any such flood hazard areas on the floodplain maps, with a detailed report which addresses the potential for wind erosion, water erosion, sedimentation and flooding, and which proposes mitigation measures
- C. A site plan drawn in sufficient detail to show the following:
  - 1. Location of the tower (s) on the lot and the tower height, including blades, diameter and ground clearance
  - Dimensional representation of the various structural components of the tower construction including the base and footing
  - 3. Property lot lines and the location and dimensions of all structures and uses on the lot within five hundred (500) feet of the WECS

- 4. Proposed plan for restoration of the site after construction according to NYSDEC and Town of Lockport guidelines
- 5. Certification by a registered NYS professional engineer that the tower's design is sufficient to withstand wind loading requirements for structures established by the NYS Uniform Construction Code
- 6. Wind characteristics and dominant wind direction from which fifty percent (50%) or more of the energy contained in the wind flows

## FEES:

Special Use Permit Application Fee: \$500.00

Annual Inspection Fee: \$150.00

Building Permit Fee: ½ of 1% of project cost