**ON-SITE (RESIDENTIAL) WIND SYSTEM ORDINANCE**

Replaced Mt Haley Home-Residential Wind Turbine Ordinance 02-11.

An on-site wind energy system intended to primarily serve the needs of the home consumer.

An on-site wind energy system with a blade tip height of 150 feet or higher shall be considered a utility grid wind energy system for siting purpose.

Home-Residential Wind Turbines are permitted in all of the Wind Overlay Zoning Districts.

1. **System requirements:**

a. Mt Haley Township building, electrical, and special use permits are

 required.

b. Site permit filed with the Zoning Administrator prior to installation.

c. Turbines shall be located in the rear or side yards only.

d. Free standing or guyed turbine towers must be securely anchored in the

 ground to

 concrete support and NOT on a building.

e. Tower height is not to exceed 149 feet from ground level to upper tip of

 blade.

f. Turbine sound level shall not exceed 55 dbA at the property line closest

 to the wind energy level.

g. Turbine Tower shall be no closer than 1.1 times the tallest tip of the

 blade from an adjoining parcel, road or a public right-of-way.

h. The distance from any building must be at least 10 feet.

i. Battery storage area must meet the Government Regulations for

 containment and potential hazard spillage.

j. Guy wires and anchors shall be no closer than 10 feet from owner’s

 property line, road or public right-of-way.

1. **On-Site Wind Energy Systems must comply with:**

 a. Applicable state construction and electrical codes, and local building

 permit requirements.

 b. Federal Aviation Administration, Michigan Airport Zoning Act (Public Act

 23 of 1950), Michigan Tall Structures (Public Act 259 of 1959) and local

 Airport regulation.

 c. Interconnector on-site systems must comply with the Michigan Services

 Commission. Grids are exempt.

1. **Safety**

 a. Must have a system to prevent over speeding or uncontrolled rotation.

 b. Have lightning protection.

 c. Guy wires, if needed, must be clearly visible to the height of at least 6

 feet above grade.

 d. A minimum vertical blade, bottom to tip, clearance must be at least 20

 feet above grade on a horizontal axis rotor.

 e. If use ceases for more than 12 successive months, property owner

 must remove all materials, equipment and facility no later than 90 days

 after end of a 12-month period.

**Separabilit**y: If any section, subsection, paragraph, sentence, clause, phrase, or portion of this ordinance is, for any reason, held invalid or unconstitutional by any court of competent jurisdiction, such portion shall be deemed a separate, distinct and independent provision and such holding shall not affect the validity of the remaining portions thereof.

**Ordinance Repealed**: All ordinances and/or parts of ordinances that are inconsistent with this ordinance are hereby repealed.