

**ORDINANCE NO. 2010-12-CM**  
**AN ORDINANCE TO AMEND THE ZONING ORDINANCE OF**  
**TIPPECANOE COUNTY, INDIANA, NO. 97-51-CM**

**BE IT ORDAINED BY THE BOARD OF COUNTY COMMISSIONERS OF TIPPECANOE COUNTY, INDIANA, THAT THE UNIFIED ZONING ORDINANCE, BEING A SEPARATE ORDINANCE AND NOT PART OF A UNIFIED COUNTY CODE IS HEREBY AMENDED AS FOLLOWS:**

**Section 1:** Change **UZO Section 1-10-2 Words and Terms Defined**, by adding the following definition of **METEOROLOGICAL TOWER** and **ACCESSORY METEOROLOGICAL TOWER**.

**METEOROLOGICAL TOWER.** A tower whose primary function is to measure atmospheric conditions to monitor or transmit wind speed and wind flow characteristics over a period of time for either instantaneous wind information or to characterize the wind resource at a given location and may include, but is not limited to, the tower, base plate, anchors, guy wires and hardware, anemometers (wind speed indicators), wind direction vanes, booms to hold equipment anemometers and vanes, data loggers, instrument wiring, and any telemetry devices. Meteorological towers may also include wildlife protection related equipment such as bird diverters and wildlife entanglement protectors. A meteorological tower does not generate electricity and is not considered a **WECS**.

**ACCESSORY METEOROLOGICAL TOWER.** A *meteorological tower* is accessory to and on the same site as defined in the Special Exception a *wind farm*, or another *primary use*.

**Section 2:** Add the following **Section 3-2** to the Primary Use Table:

**METEOROLOGICAL TOWERS** will be permitted by Special Exception in OR, I3, A, AA, AW (same as Large Wind Systems).

**Section 3:** Add the following to **Section 4-1 (b) Accessory Uses, Accessory Structures and Accessory Buildings** (associated with residential uses):

Accessory Uses, Accessory Structures and Accessory Buildings  
(29) ***accessory meteorological towers***. (only in commercial, industrial or rural zones as regulated in 4-11-12)

**Section 4:** Add the following to **Section 4-1 (c) Accessory Uses, Accessory Structures and Accessory Buildings** (associated with non-residential uses):

UZO 4-1 (c) Accessory Uses, Accessory Structures and Accessory Buildings  
(27) ***accessory meteorological towers***. (only in commercial, industrial or rural zones as regulated in 4-11-12)

**Section 5:** Add the following **Section 4-11-12 Meteorological Towers:**

- (a) All **Meteorological towers** are subject to the air space control height restrictions surrounding airports as shown in 5-3-4 below
- (b) Setbacks for **Meteorological towers** are measured radially, and depend on whether the tower is guyed or self-supporting:
  - (1) The base of a guyed **meteorological tower** shall be setback from all surrounding property lines, overhead utility or transmission lines, other electrical substations, and primary communication towers by at least 20% of the tower's height, or the distance between the tower's base and its guy wire anchors, whichever is greater. However, no portion of the above ground guying shall be permitted less than 6' from any road right-of-way line; and
  - (2) The base of a self-supported **meteorological tower** shall be setback from all surrounding property lines, overhead utility or transmission lines, other electrical substations, and primary communication towers by at least 20% of the tower's height, or the standard setback, whichever is greater.
- (c) The base of all **meteorological towers**, including any guy wires, shall be totally and permanently enclosed by a security fence at least 6' high.
- (d) Full compliance with Tippecanoe County Code, Chapter 161 WECS, is required.

**Section 6:** Change **Section 4-11-11(i) WECS** to read as follows:

**UZO 4-11-11 WECS**

**Large wind systems** must be located at least 750' from the property line of a non-participating landowner and at least 1200' from any dwelling on a non-participating landowner's property.

This ordinance shall be in full force and effect from and after its passage.

(Adopted And Passed) (Denied) by the Board Of Commissioners of Tippecanoe County, Indiana, this 2nd day of August, 2010.

VOTE:

yes

John Knochel  
President

yes

R. S. B.  
Vice President

yes

J. P. M.  
Member

ATTEST:

Jennifer Weston  
Jennifer Weston, Auditor