

**EXISTING****PROPOSED****WIND ENERGY CONVERGENCE SYSTEMS (WECS)**

	Wind Energy Convergence Systems are permitted by special exception ('S') in the A-1 District, by right ('P') in the A-2 District and 'S' in the L-I and H-I Districts (Permitted Uses table, page 100).	Clearly distinguish micro WECS, non-commercial WECS (less than 200'), and non-commercial WECS (greater than 200') from commercial WECS in Permitted Uses Table. Allow MICRO WECS and non-commercial WECS options to Permitted Uses Table. Remove A-1 'S' & A-2 'P' for commercial WECS. Replace with 'P-O', "Permitted in Overlay District", & create new Wind Energy Convergence Systems Overlay District. Define "P-O, Permitted in Overlay District," in 4.1 as new 4.1.F. Add WECS OD to Permitted Uses table & allow by right ('P') in A-1 & A-2 Districts.
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**NOISE REGULATION**

	Only non-commercial no greater than 60 decibels	At any non-participating property line, audible A-weighted daytime sound pressure levels as a result of sound emitted shall not exceed 51 decibels. At any non-participating property line, audible A-weighted nighttime (9p.m. – 7:00 a.m.) sound pressure levels as a result of sound emitted by the WECS shall not exceed 40 decibels.
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**COMMERCIAL WECS SETBACKS**

<u>Point of setback measurement</u>	<u>Minimum setback</u>	<u>Minimum setback</u>
Property line (non-participant)	1.1 times height at blade highest point- may be waived	3.5 times height or 1/4 of a mile (whichever is greater distance) from blade at highest point
Residential structure	1,000'	NO MEASUREMENT TO STRUCTURE
Road right-of-way	1.1 times height, must meet yard setback; applies to future ROW if planned road improvement/expansion is known at construction time	1.5 times height, must meet yard setback; applies to future ROW if planned road improvement/expansion is known at time of construction
Other rights-of-way (including but not limited to utility & ditch right-of-way)	1.1 times height, must meet yard setback	1.5 times height, must meet yard setback
Jasper-Pulaski F&WA	4 miles	6 miles
Public conservation land	750'	1 miles
Wetlands (Army Corps)	per Army Corps permit	per Army Corps permit
Tippecanoe River	1/2 miles	1 mile from bank of river
Incorporated municipal limits/village boundaries	1,500'	1/2 mile
Tippecanoe River State Park		6 miles
Runway		2.75 miles or per FAA

**EXISTING****PROPOSED**

**NON-COMMERCIAL/MICRO WECS****Micro= Any WECS less than 200 feet**

<u>Point of setback measurement</u>	<u>Minimum setback</u>	<u>Minimum setback</u>
Property line (non-participant)	1.1 times height at blade highest point; may be waived	3.5 times height with blade at highest point. Micro may be waived
Residential structure	1,000'	NO MEASUREMENT TO STRUCTURE
Road right-of-way	1.1 times height, must meet yard setback; applies to future ROW if planned road improvement/expansion is known	1.5 times height, must meet yard setback; applies to future ROW if planned road improvement/expansion is known at time of construction
Other rights-of-way (including but not limited to utility & ditch right-of-way)	1.1 times height, must meet yard setback	1.5 times height, must meet yard setback. Micro= no restriction
Jasper-Pulaski F&WA	4 miles	6 miles. Micro= no restriction
Public conservation land	750'	1/2 mile
Wetlands (Army Corps)	per Army Corps permit	per Army Corps permit
Tippecanoe River	1/2 miles	1 mile
Incorporated municipal limits/village boundaries		1.5 times height with blade at highest point

**DRAINAGE TILE INSPECTION**

		Require pre & post-construction inspections of any private tile on a nonparticipant running through participant ground & any county/public tile running through participant ground, as well as all culverts under county-maintained roads used for turbine transport & construction traffic.
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**SHADOW FLICKER**

		Allow no more than 30 min of shadow flicker to effect a nonparticipating residence on any given day & allow no more than 30 days of shadow flicker to effect a nonparticipating residence per year. Requirement may be waived.
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**ROAD USE AGREEMENT**

		As per agreement delegated by commissioners
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**DEMOLITION/DECOMMISSION**

		Concrete removed by applicant
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**BOND & INSURANCE**

		As approved by Board of Commissioners
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