

Benton County



Farmland Coverage
96.50% land in farms

Population Density
21.5 per sq. mi.

Housing Unit Density
9.3 per sq. mi.

Population (2020)
8,719 ↔

County Type
Rural

PCPI (2019)
\$42,135

COMMERCIAL SOLAR ENERGY SYSTEM STANDARDS

Use standards for CWECs beyond zoning district's standards unless otherwise specified.

ZONING DISTRICT	PERMITTED USE / SPECIAL EXCEPTION
All districts except residential	Special Exception
REZONE REQ: NO ADDITIONAL PROCESSES: NONE	

DEFINITION

Convert and deliver electricity to a utilities transmission lines

SETBACKS & BUFFERS

Setback	75' from ROW
Municipal Buffer	None
Use Buffer	200' from primary dwelling
Reciprocal Buffer (CM)	None

OTHER DEVELOPMENTAL STANDARDS

Minimum Lot Size	5 acres
Maximum Height	35'
Noise Limit	41-75 dB depending on hertz
Ground Cover Standards	None
Color Standards	None
Signage/Warnings Standards	Yes
Fencing Standards	Yes
Landscaping/Screening Standards	Yes
Glare Standards	Yes
Other Standards	None

PLANS & STUDIES REQUIRED

* Upon request

- Decommission Plan
- Economic Development Agreement
- Maintenance Plan
- Transportation/Road Use Plan
- Vegetation/Landscape Plan
- Environmental Assessment
- Emergency/Fire Safety Plan
- Drainage/Erosion Control Plan
- Liability Insurance
- Property Value Guarantee
- Certificate of Design Compliance
- Other plans or studies
 - Sound study

COMMERCIAL WIND ENERGY CONVERSION SYSTEM STANDARDS

Use standards for CWECs beyond zoning district's standards unless otherwise specified.

ZONING DISTRICT	PERMITTED USE / SPECIAL EXCEPTION
All districts, except residential	Special Exception
REZONE REQ: NO ADDITIONAL PROCESSES: NONE	

DEFINITION

Wind energy conversion system that delivers electricity to a utility's transmission lines.

SETBACKS & BUFFERS

Setback	350' or 2.2 times the tower height
Municipal Buffer	1500'
Use Buffer	1,000' from existing residence, occupied structure, place of public gathering and platted subdivisions
Reciprocal Buffer	None

OTHER DEVELOPMENTAL STANDARDS

Maximum Height	None
Minimum Blade Clearance	15'
Maximum Noise Level	41-75 dB depending on hertz
Shadow Flicker	None
Braking System Standards	Yes
Color Standards	Yes
Warnings/Hazard Protection Standards	None
Fence/Climb Prevention Standards	Yes
Lighting Standards	None
Interference	Yes
Other Standards	None

PLANS & STUDIES REQUIRED

* Upon request

- Decommission Plan
- Economic Development Agreement
- Maintenance Plan
- Transportation/Road Use Plan
- Vegetation/Landscape Plan
- Environmental Assessment
- Sound Study
- Emergency/Fire Safety Plan
- Drainage/Erosion Control Plan
- Liability Insurance
- Property Value Guarantee
- Certificate of Design Compliance
- Certification by Engineer
- Other plans or studies

COUNTY CONTACT INFORMATION

Name	Matt Hull
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