

Hamilton County



Farmland Coverage
50.40% land in farms

Population Density
881.1 per sq. mi.

Housing Unit Density
342.5 per sq. mi.

Population (2020)
347,467 ↑

County Type
Urban

PCPI (2019)
\$77,263

COMMERCIAL WIND ENERGY CONVERSION SYSTEM STANDARDS

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

ZONING DISTRICT	PERMITTED USE / SPECIAL EXCEPTION
WECS Overlay District	Permitted Use
REZONE REQ: YES ADDITIONAL PROCESSES: DEVELOPMENTAL PLAN REVIEW	

DEFINITION

Multiple turbines or generating capacity greater than 20 kW

SETBACKS & BUFFERS

Setback	1.5x tower height
Municipal Buffer	None
Use Buffer	1.5x tower height from co-applicant residence
Reciprocal Buffer	None

OTHER DEVELOPMENTAL STANDARDS

Maximum Height	300'
Minimum Blade Clearance	50'
Maximum Noise Level	45 dBA or 5 dBA above ambient baseline sound
Shadow Flicker	None
Braking System Standards	Yes
Color Standards	Yes
Warnings/Hazard Protection Standards	Yes
Fence/Climb Prevention Standards	Yes
Lighting Standards	Yes
Interference	None
Other Standards	Tubular, monopole Minimum of 40 acres per tower

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

COMMERCIAL SOLAR ENERGY SYSTEM STANDARDS

This county has no additional standards for commercial solar energy systems.

COUNTY CONTACT INFORMATION

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