A Snapshot of Renewable Energy Land Use Regulations in

# **Adams County**



Farmland Coverage 98.10% land in farms

Population Density 105.7 per sq. mi.

Housing Unit Density **38.9** per sq. mi.

Population (2020) 35,809 ↔

County Type Rural/Mixed

PCPI (2019) \$40,584

## **COMMERCIAL WIND ENERGY CONVERSION SYSTEM STANDARDS**

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

#### **SETBACKS & BUFFERS**

Setback	None
Municipal Buffer	1500'
Use Buffer	600' or 1.1x tower height from residence, business or school
Reciprocal Buffer	Yes

#### OTHER DEVELOPMENTAL STANDARDS

Maximum Height	None
Minimum Blade Clearance	75'
Maximum Noise Level	45 dB or 5 dB abouve ambient baseline
Shadow Flicker	No shadow flicker on non-participating residences or animal buildings
Braking System Standards	Yes
Color Standards	Yes
Warnings/Hazard Protection Standards	Yes
Fence/Climb Prevention Standards	Yes
Lighting Standards	Yes
Interference	Yes
Other Standards	Annual fee of \$5,000 per tower

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

System that generates electricity to be sold to wholesale or retail markets, unless generating capacity of 3MW or less that are located on own property

### **PLANS & STUDIES REQUIRED**

\* Upon request

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

## COMMERCIAL SOLAR ENERGY SYSTEM STANDARDS

This county has no commercial solar specific regulations in their zoning ordinance.

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