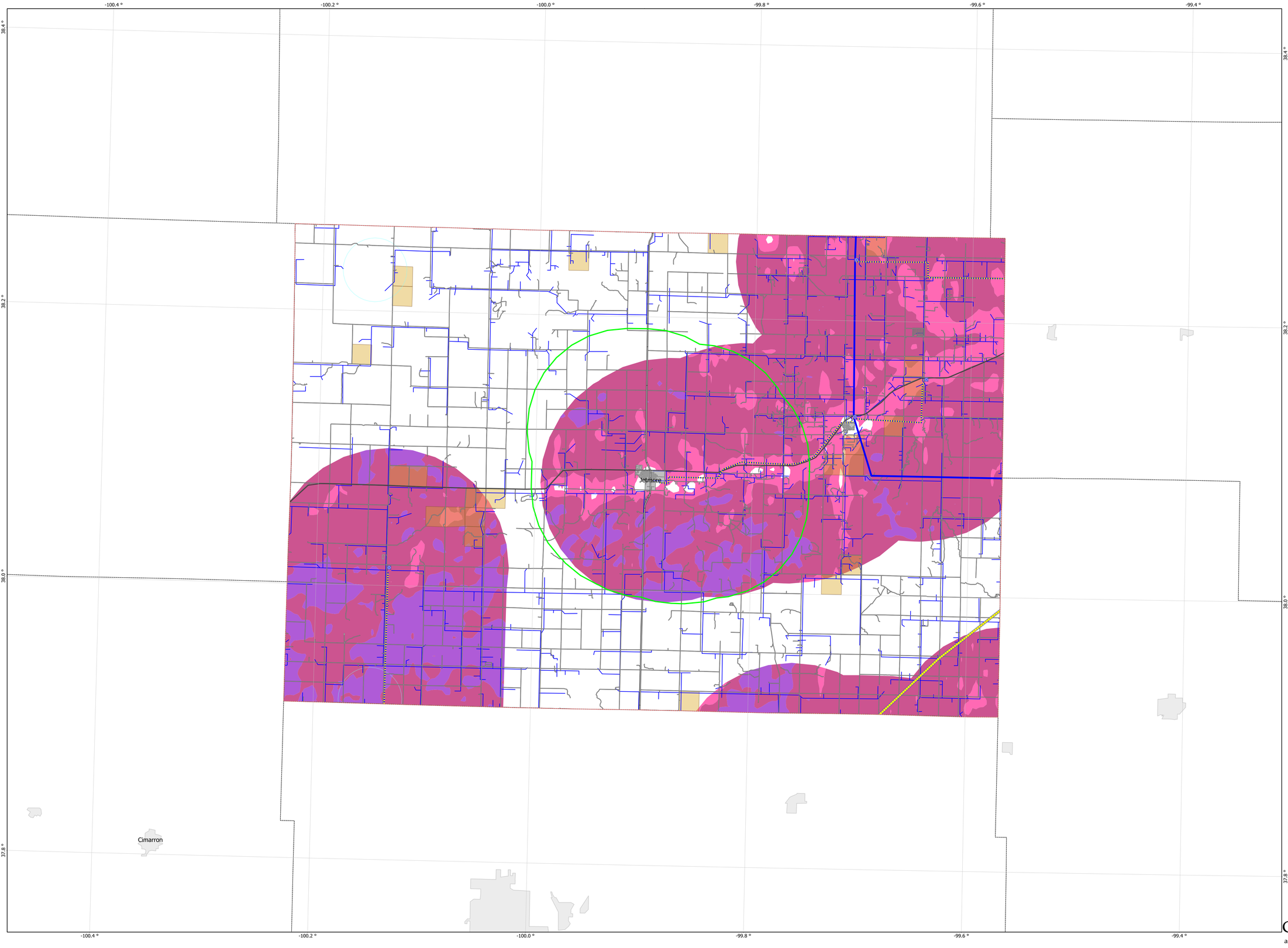


Legend

Base Map Layers
Kansas County Boundaries
text Municipal Utility Names
Municipal Utility Boundaries
Municipal Utility 5mi region
Kansas Scenic Byways
Kansas Scenic Byway 5mi Region
KDOT Highways and Roads
Interstate Highways
US Routes
Kansas Routes
Kansas Roads

Areas of concern for wind development
Heart of Flint Hills Area
National Grasslands Buffer
National Preserve Buffer
National Wildlife Refuge Buffer
Untilled Land Area
Untilled Land Buffered Area
Archaeological Section
T&E Species Area

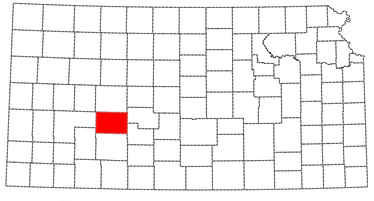
Electrical Grid
Substation Locations
Transmission Grid
Transmission Voltage in KVA
34.50
69.00
115.00
138.00
161.00
230.00
345.00
6mi area from Substation or
Small Transmission (34.5-69 KVA)
White overlay for > 6 miles from small transmission lines
Distribution Grid
All Distribution Lines

Wind Resources
Wind Resource showing Class4 and greater
Estimated Average Annual Wind Speed
at 50 meters altitude in meters/second
7.00 - 7.25
7.25 - 7.50
7.50 - 7.75
7.75 - 8.00
> 8.00

This information should be used only for project exploration.
Detailed site specific assessment of wind resources and development requirements should always be performed.

This material was prepared with the support of the U.S. Department of Energy (DOE) Grant Nos. DE-FG48-02R803202 and DE-FG48-02R820213. However, any opinions, findings, conclusions, or recommendations expressed herein are those of the author(s) and do not necessarily reflect the views of the DOE.

This Map has been prepared using the Lambert Conformal Conic Projection in the North American 1983 (mean for CONUS) Datum.
The Map is centered on the Selected County using
38°5.283' N Latitude and 99°53.976' W Longitude.
With a printed scale of 1 in : 2.16 mi.



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Community Wind Toolkit