



Legend

Base Map Layers

- Kansas County Boundaries
- 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
- Unfilled Land Area
- Unfilled 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.

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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 37°41.633' N Latitude and 97°28.779' W Longitude. With a printed scale of 1 in : 2.16 mi.

