



**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
- Unutilized Land Area
- Unutilized 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°14.291' N Latitude and 96°50.301' W Longitude. With a printed scale of 1 in : 2.16 mi.

