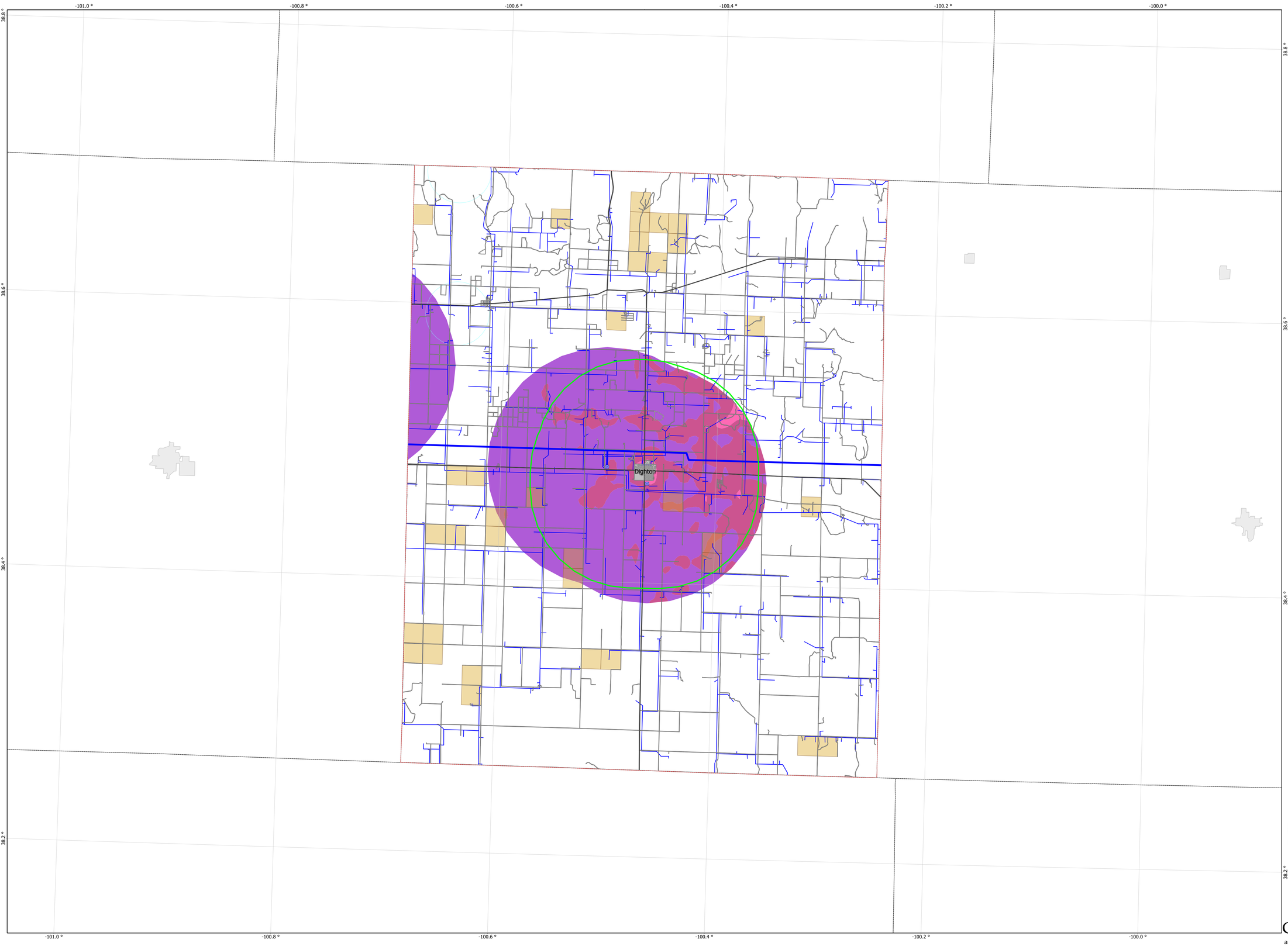


**Legend**

**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.

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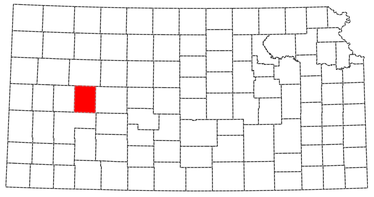
This Map has been prepared using the Lambert Conformal Conic Projection in the North American 1983 (mean for CONUS) Datum.
The Map is centered on the Selected County using 38°28.883' N Latitude and 100°27.996' W Longitude.
With a printed scale of 1 in : 2.16 mi.



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# Lane County

Community Wind Toolkit