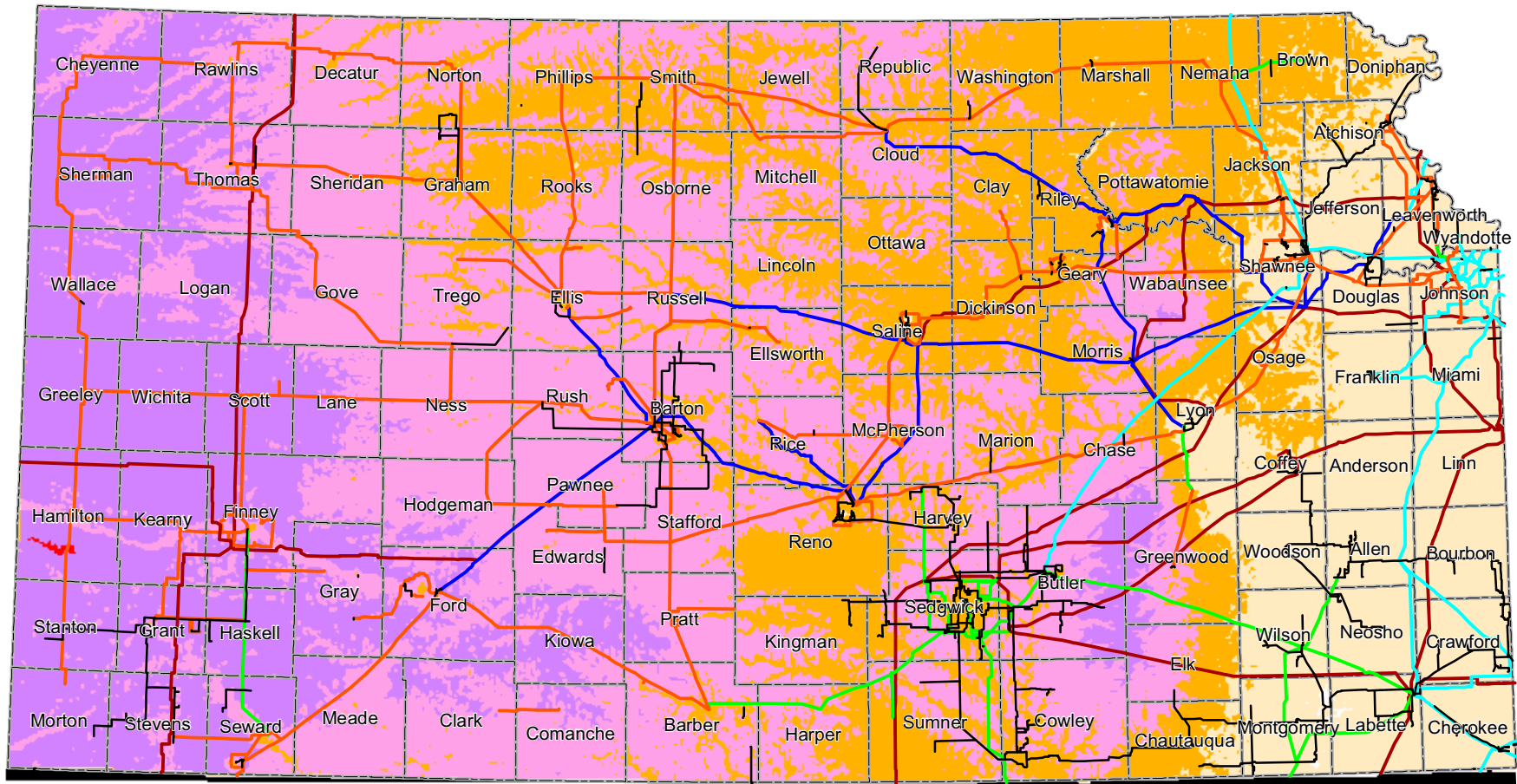


# Kansas Wind Energy Resource Map and Electric Transmission



Electric Transmission Lines	Wind Speed at 50 meters (m/s)	Wind Speed at 50 meters (mph)	Wind Power Density at 50m W/m <sup>2</sup>
345 - KV	Class 1: 0.00 - 5.60	0.00 - 12.5	0 - 200
230 - KV	Class 2: 5.60 - 6.40	12.5 - 14.3	200 - 300
161 - KV	Class 3: 6.40 - 7.00	14.3 - 15.7	300 - 400
138 - KV	Class 4: 7.00 - 7.50	15.7 - 16.8	400 - 500
115 - KV	Class 5: 7.50 - 8.00	16.8 - 17.9	500 - 600
69 - KV	Class 6: 8.00 - 8.80	17.9 - 19.7	600 - 700
	Class 7: > 8.80	> 19.7	> 700

The wind resource estimates presented on this map were developed by Coriolis-AE using WindMap TM. The spatial grid resolution is of 1000 (app) meters.

Development of this map was performed under contract with the Kansas Corporation Commission Energy Program with funding from the U. S. Department of Energy's Wind Power America Program.

This map may be viewed on the web at: <http://www.kcc.state.ks.us/energy/wind.htm>

Source: Kansas Corporation Commission (March 2004)