



B.K.J. Solutions. Inc.

FUN

- Involved in a Renewable Energy Project
 - Grant Application – April 2009
 - Notification – September 2009
 - Finalized Details – March 2010
 - Project Kickoff – May 2010
- Cutting Edge Technology
- Economic Development for Tribe

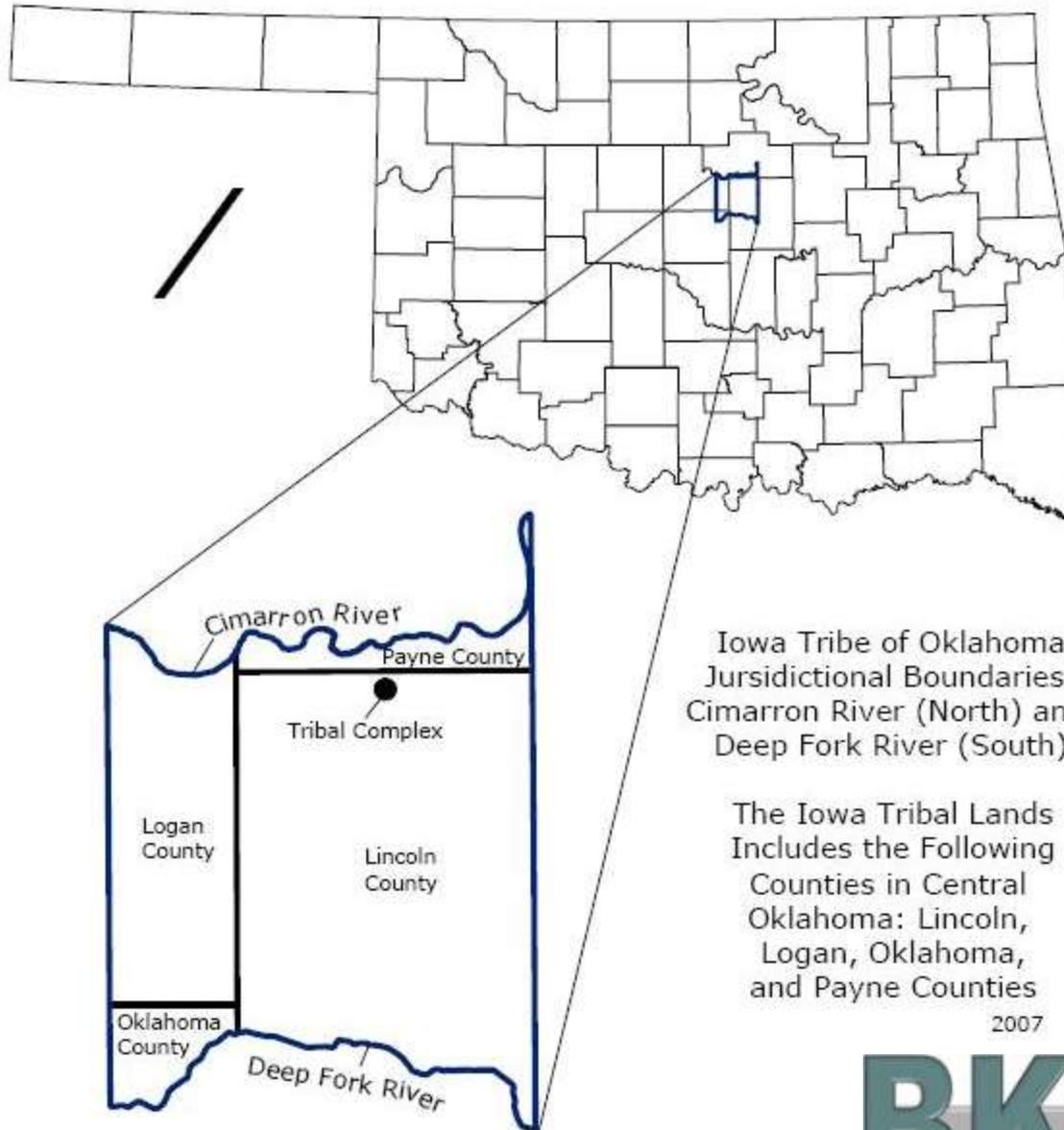


FORTUNATE

- Project Manager
- Iowa Tribe of Oklahoma
 - Federally Recognized Indian Tribe
 - Central Oklahoma (between OKC & Tulsa)
 - Fewer than 700 Tribal Members
- BKJ Solutions, Inc.
 - 8(a) / HUBZone Certified Business with SBA
 - Construction with U.S. Army Corps of Eng.
 - Future Renewable Energy Development



Iowa Tribe of Oklahoma's traditional jurisdictional lands



Iowa Tribe of Oklahoma
Jurisdictional Boundaries:
Cimarron River (North) and
Deep Fork River (South)

The Iowa Tribal Lands
Includes the Following
Counties in Central
Oklahoma: Lincoln,
Logan, Oklahoma,
and Payne Counties

2007



FEASIBILITY GRANT

- Objectives
 - Conduct in-Depth Feasibility Study of Wind Energy
 - Identify & Address Technical Issues Related to Wind Energy Development
 - Land Access
 - Anemometer Siting
 - Interconnect & Transmission Opportunities

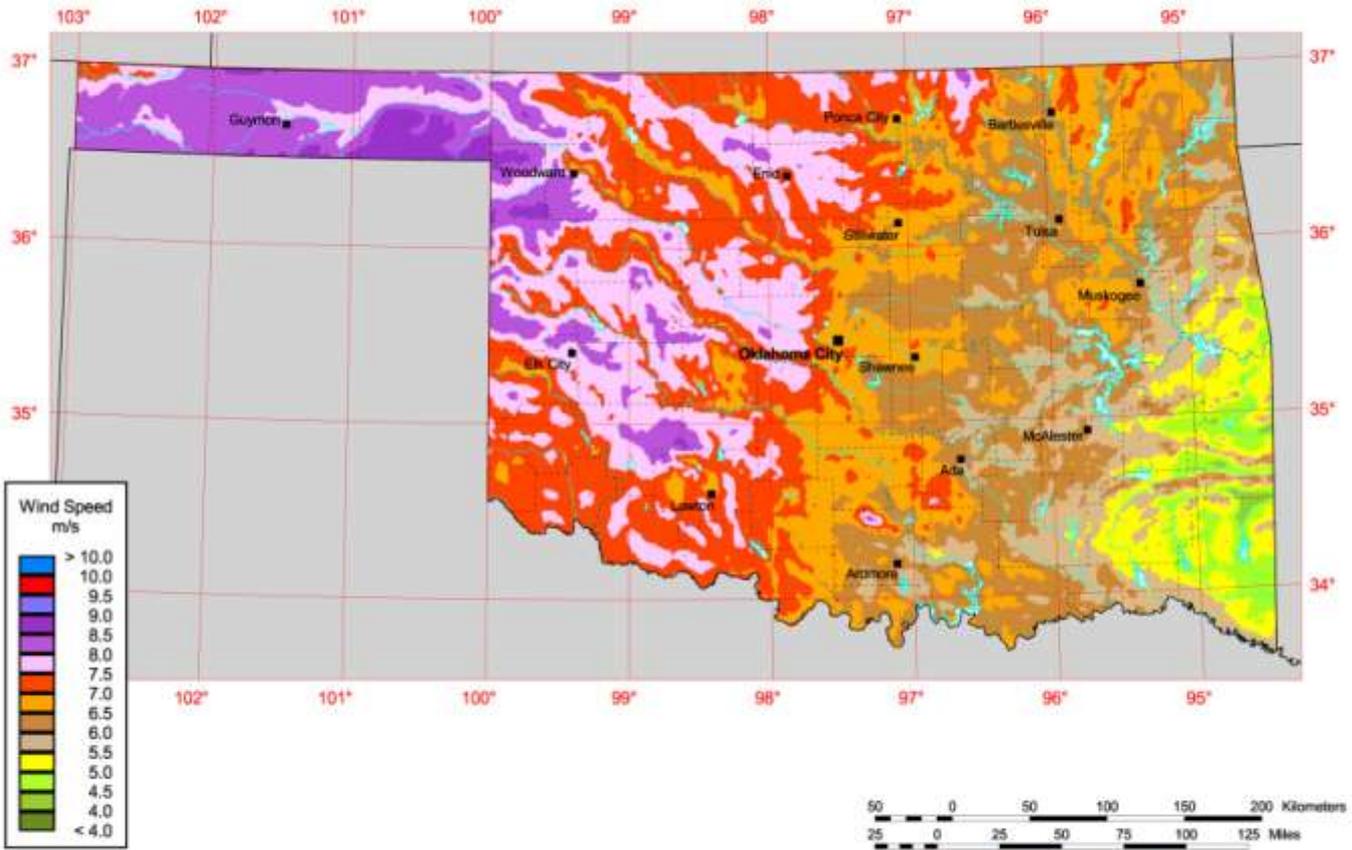


FEASIBILITY GRANT

- Objectives Cont.
 - Address Environmental Issues
 - Educate Stakeholders
 - Iowa Tribal Leadership
 - Iowa Tribal Members
 - Office of Environmental Services
 - Local Community
- Goal
 - Quantify Wind Resource Potential
 - Determine if Wind Farm is Option



Oklahoma - Annual Average Wind Speed at 80 m



Source: Wind resource estimates developed by AWS Truewind, LLC for windNavigator®. Web: <http://navigator.awstruewind.com> | www.awstruewind.com. Spatial resolution of wind resource data: 2.5 km. Projection: UTM Zone 14 WGS84.



FEAR

- Not Having the Right, Bankable Data
- Tribe has Experience
 - 2001 Anemometer Study – 5 ms @ 20 Meters
 - Collected Interesting, but Unusable Info
 - Estimated to be 7 to 8 ms at Hub Height



FACTS

- Data Available Soon
- Project Site Selected
- Access Road to be Built early November
- Tower, Anemometer & Instrumentation
 - Received 3 Quotes – All within Range
 - Purchase Order to be Placed Next Week
 - Anemometer to be Erected December
- Key Partner / Consultant
 - Native Wind Energy





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FINAL THOUGHTS

- Working Through HUB Height Issues
 - What is Proper Height? Most Critical Issue
 - What is Industry Standard?
 - What is Considered Bankable?
 - 60 Meter Met Mast / Taller Later
 - Developing Business Plan
 - Wisdom in Multitude of Counsel
- Communication is Key

