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

The Iowa Tribal Lands includes the following counties in Central Oklahoma: Lincoln, Logan, Oklahoma, and Payne Counties.
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
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
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

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