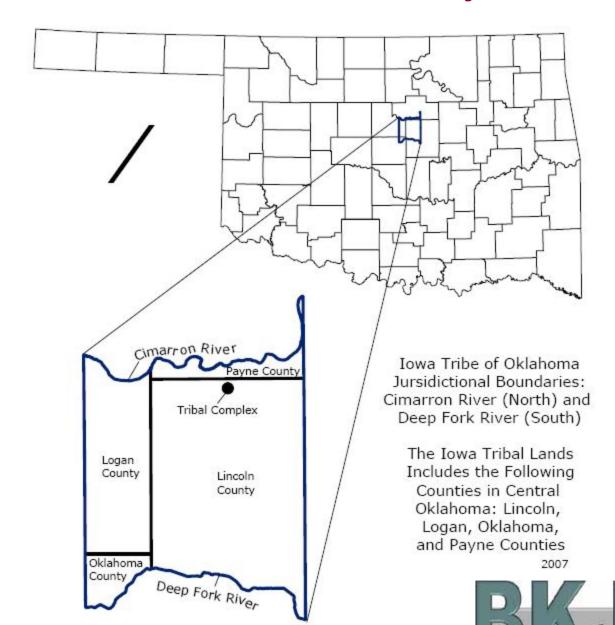
ORGANIZATION

- Iowa Tribe of Oklahoma
 - ØFederally Recognized Indian Tribe
 - ØCentral Oklahoma (between OKC & Tulsa)
 - ØStrong Commitment to Energy Efficiency & Renewables
- BKJ Solutions, Inc.
 - **ØTribally Owned Construction Company**
 - ØConstruction with USACE, IHS, BIA & Tribe
 - ØFuture Renewable Energy Development





Iowa Tribe of Oklahoma's traditional jurisdictional lands





FEASIBILITY GRANT

- Objectives
 - ØConduct in-Depth Feasibility Study of Wind Energy

- Øldentify & Address Technical Issues Related to Wind Energy Development
 - **ØLand Access**
 - ØAnemometer Siting
 - ØInterconnect & Transmission Opportunities





FEASIBILITY GRANT

- Objectives Cont.
 - **ØAddress Environmental Issues**
 - ØEducate Stakeholders
 - Ølowa Tribal Leadership
 - Ølowa Tribal Members
 - ØOffice of Environmental Services
 - **ØLocal Community**
- Goal



ØDetermine if Wind Farm is Option





BACKGROUND

Tribal NREL Study

Ø2001 Anemometer Study – 5 ms @ 20 Meters

ØCollected Interesting, but Unusable Information

ØWind Estimated to be 7 to 8 ms at Hub Height

- 80m Met Mast
- Question: HUB Height, Site and SODAR

Ø What is Proper Height?

ØWhat About SODAR?





NEW DIRECTION

- Discussed Options with Industry Experts
- Anemometer Site Changed Three Times
- HUB Height Changed from 80m to 60m
- SODAR
- Worked Through Changes with DOE ØNEPA, SOPO & Revised Budget
 - Added New Team Member Ø Johnson Controls, Inc.





































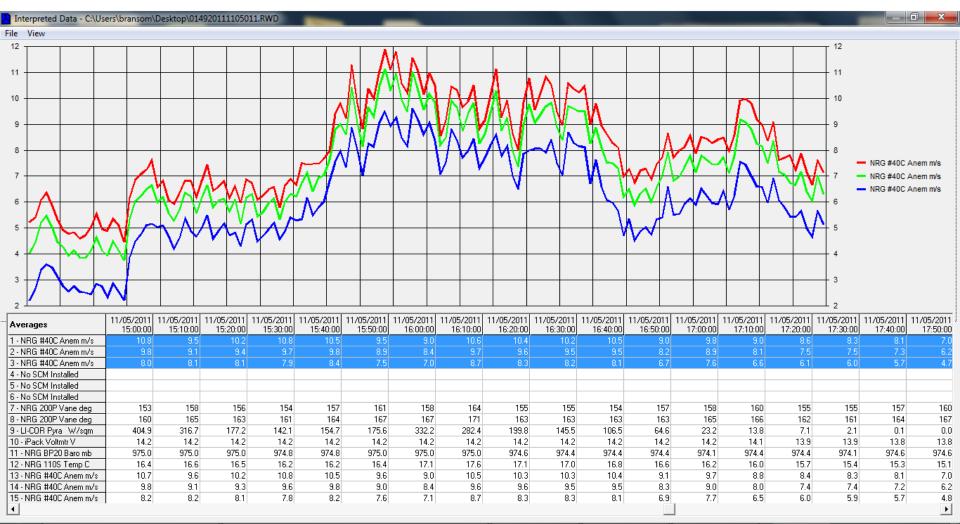






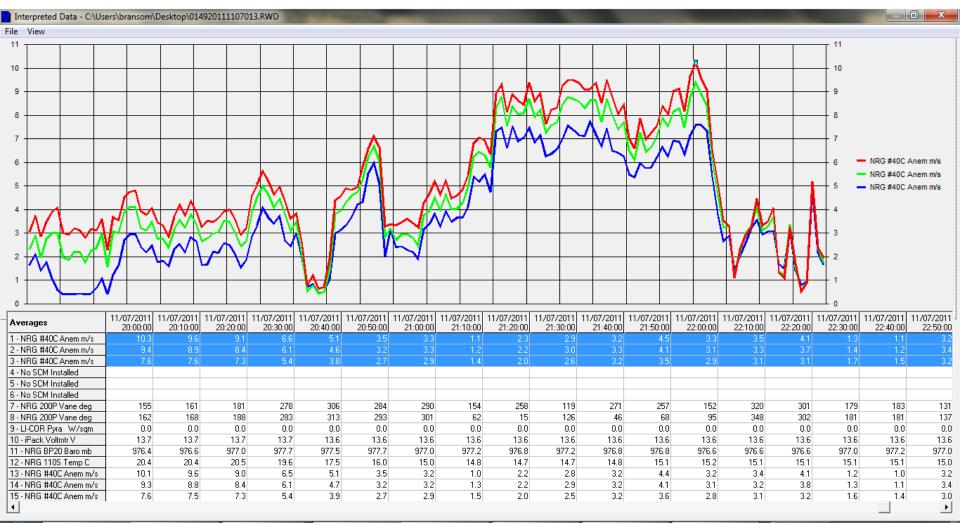






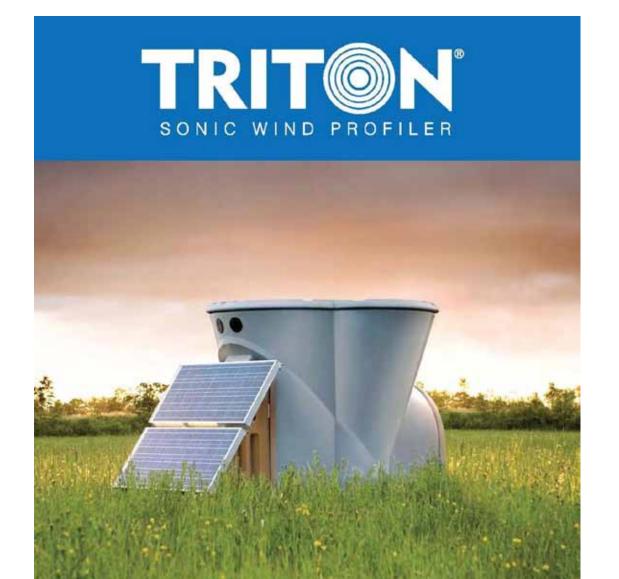
















FINAL THOUGHTS

- Own the Vision / Make it the Tribe's
- Long Term Commitment / Education Key
- Gather Information from Multiple Sources
- Challenge the Information
- Anticipate Surprises / Nothing will Go as Planned or Budgeted
- Work with the DOE



ØHave Patience

ØVisit DOE in Golden, CO



