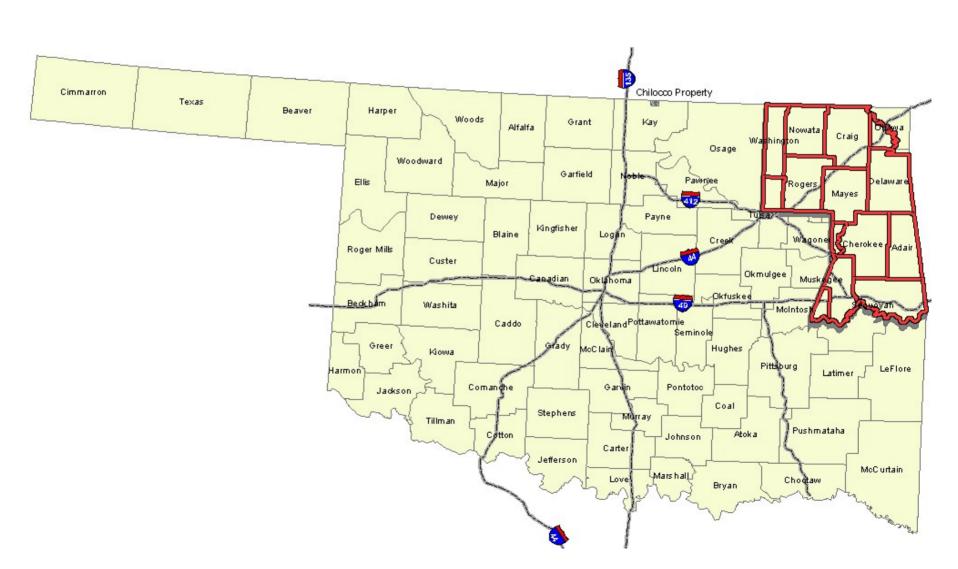


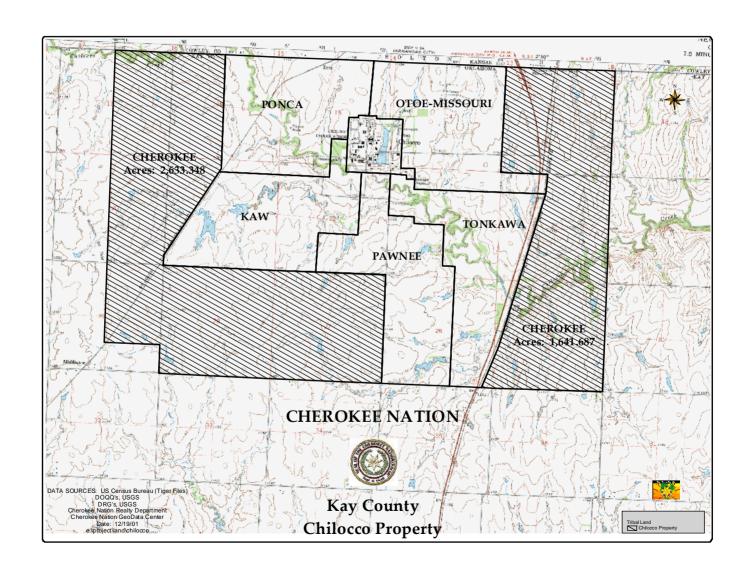
Oklahoma – 8th in the Nation for wind 13 Month Wind Energy Feasibility Study – U.S. Dept of Energy grant



Cherokee Nation, 2nd largest Indian Tribe – 256,938 members 14-County area jurisdiction – 90,000 acres Employs approx. 6,000 people in Oklahoma

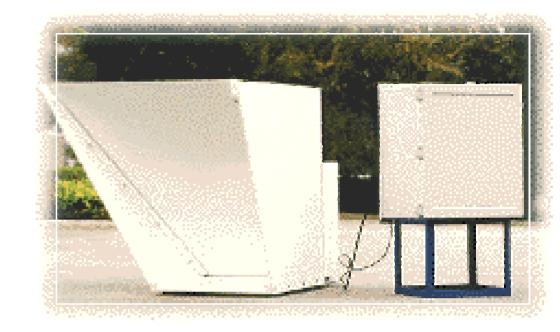


Cherokee Nation Chilocco Property 4,275 acres



Model 4000 MiniSODAR high-frequency doppler system

Wind speed accuracy 2 degrees Weight – 255 lbs.



- Uses patented 32-element phased array antenna to form 3 orthogonal beams needed to measure a complete three-dimensional wind profile.
- SODAR acoustic signal processor is engineered for reliable, unattended field operation.
- Data is read remotely via modem.
- Wind profile measurements 15 to 200 meters in 5 meter increments
- Designed to accurately measure wind shears.
- Unit is portable and mounted on a trailer.





Project Participants:

- Project Administrator Lynn Ousley
- Program Coordinator Bobby Short
- Administrative Assistant Carol Wyatt
- Technical Consultant Dr. Ken Underwood

Objectives:

- Determine the feasibility of a Wind Farm on Cherokee Nation property in North Central Okla.
- Compare SoDAR data with anemometer data in the same area.



Project Status:

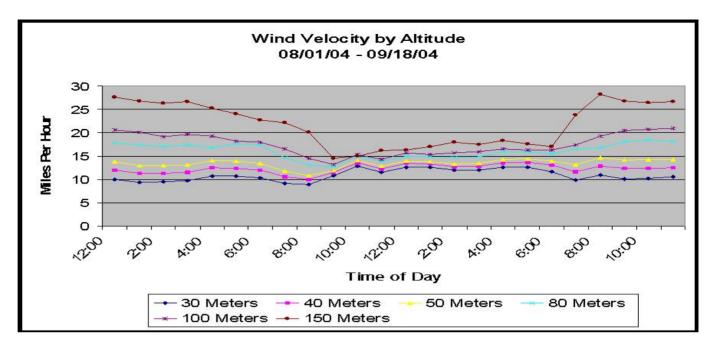
- Gathered data for 14 months with two interruptions for a period of 47 days.
- Preliminary data looks promising.
- Data not edited or interpreted by consultant.
- Study will be completed by Jan. 2006.
- Plan to gather data until May 2006 to allow 12 months of continuous data.

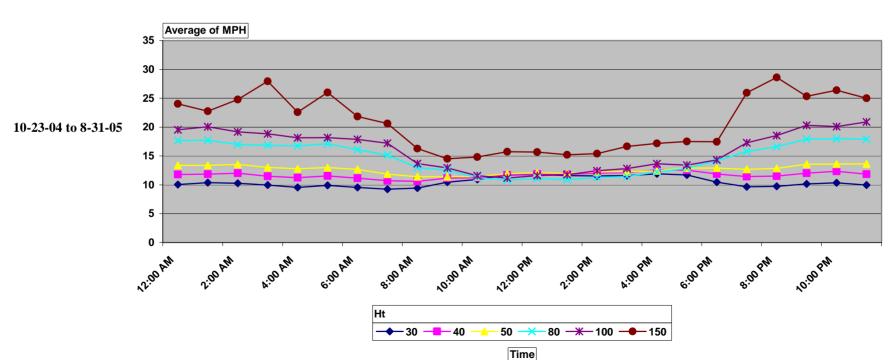


Future plans on wind farm development:

- Move to next phase pending final outcome of study.
- Other variables to consider will be:
 - ✓ Availability of investment capital.
 - ✓ Return on investment.
 - ✓ Federal and State incentives.
 - ✓ Partnering/sharing arrangements with neighboring tribes.



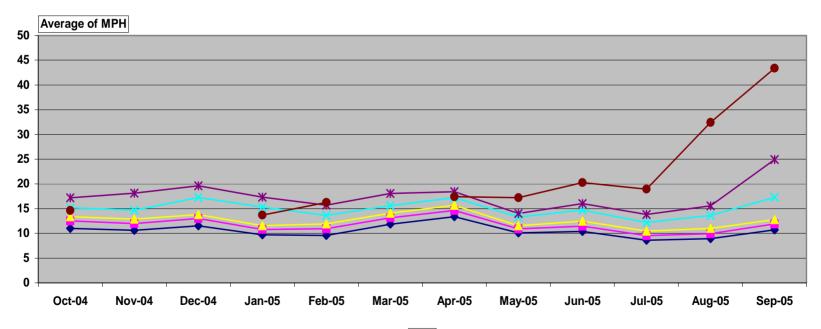






Seasonal Wind Velocity Avg by Altitude 10-23-04 to 8-31-05







50 Meter Level

Cherokee Nation Enterprises

