Cherokee Chilocco Wind

Presenter: Carol Wyatt
Cherokee Nation Businesses, Inc.
DATA SOURCES: US Census Bureau (Tiger Files)
DOQ's, USGS
DRG's, USGS
Cherokee Nation Realty Department
Cherokee Nation Geodata Center
Date: 12/19/01
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Chilocco Property
Project Development Cycle
Implemented Globally for Reliable Success

**Development Process**

- **Development**
  - Acquisition of the site
  - Wind analysis and met-towers
  - Project LLC
  - Fatal flaw interconnection/transmission analysis

- **Marketing and Financing**
  - Project financial analysis
  - Interconnection agreement
  - Sales / marketing
  - Construction financing

- **Construction**
  - System upgrades
  - Infrastructure
  - Assembly
  - EPC and wind turbine finalization

- **Substantial Completion**
  - Project sale completed
  - Independent power production (own operation of the equipment for generation of electricity)

- **Project Management**
  - Operation and maintenance
  - Warranty

**3 to 5 years**

**25+ years**
Accomplishments:
• Feasibility study
• Business plan & white paper
• Completed wind resource assessment
• Conducted turbine comparison
• Southwest Power Pool interconnect
• Finalizing environmental studies
• Engaged PNE Wind for development
• Power Purchase Agreements (PPAs)
• Finalized firm transmission studies
ENVIRONMENTAL

• Spring Avian ✓
• ABB study ✓
• Fall Avian ✓
• Eagle study ✓
• Bat study ✓
• Archaeological / cultural studies ✓
• Section 7 – endangered species ✓
• Environmental assessment (EA)
• Surveying / topographical
LESSONS LEARNED

• Don’t rely on PTC’s

• Present project to Council early
  • Real Commitments
  • Include Contracts (leases, budgets, ownership)

• Don’t get discouraged