Northern Cheyenne Tribe
30 MW Wind Energy Development Grant

Renewable Energy Development on Tribal lands

Joe Little Coyote, Sr., Tribal Planner

Dale Osborn, President
Distributed Generation Systems, Inc. (Disgen) Contractor

11-17-03
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Discussion Outline

Project Overview
Objectives
Project Location
Project Participants
Requested Technical Support

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Project Overview

• CEDS mission is “To attain socio-economic independence through the development of a diversified and self-sustaining culturally appropriate reservation economy.”
• Northern Cheyenne Tribe has completed a wind energy feasibility study funded in 2002.
• The NCT Tribal Council passed a resolution to support a 30Mw wind facility and authorized the development grant application.
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Project Objectives

1. Complete all the development steps and contracts necessary to finance, construct and operate and maintain a 30 Mw wind facility on Tribal Trust Lands

2. Create maximum economic development through Tribal Ownership, if possible, of resulting projects
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Project Location

• The Northern Cheyenne Reservation is located in southeastern Montana in Big Horn and Rosebud Counties.

• Tribal headquarters is located in Lame Deer, Montana.

• The wind site is a north-south plateau with an area of approximately 120 square miles.

• Meteorological studies have been conducted for ten years.

• A wind energy feasibility (DOE funded) has been completed.
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Northern Cheyenne Reservation
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Project Location

- Colstrip coal fired power plant is 25 miles to the north.

- Transmission capacity is limited and un-quantified, although Tongue River Electric Cooperative (TRECO) has indicated a 30 Mw facility is feasible.

- Site could accommodate a 30 megawatt wind facility locally and a 150+ megawatt facility for export power.
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Project Participants

• Northern Cheyenne Nation
  – Program Director, Joe Little Coyote, Sr.

• Contractor
  – Distributed Generation Systems, Inc. (Disgen)
    • Dale Osborn, President
    • Ed McCarthy- Meteorological studies
    • Western EcoSystems Technology, Inc.-Avian assessment
    • Tom Wind- Transmission review
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**Key Studies**

Avian research
- US F&WS

Cultural studies
- Archeological  
- Ethnographic

Interconnection studies
Soils studies

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**Required Contracts**

- NCT land agreements
- NCT permits
- BIA permits
- Interconnection agreement
- Taxation agreements
- Power sales agreement
- Financing agreements
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Status

• Completed Avian Study protocol with NCT, USF&WS and BIA

• Will conduct environmental Scoping Meeting on Nov. 21

• Relocated meteorological tower to project area

• Briefed NCT Tribal Council on grant and schedule