

# Winnebago Tribe- About Us

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- Location Northeast Nebraska
- 120,000 Acres of Land
  - Fee simple
  - Trust
  - Allotted
  - Non Indian owned



# Renewable Energy Journey

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- Strategic Planning – **Early 2000's**
- Assessment of Opportunities
- Options Reviewed
  - Wind
  - Solar
  - Biomass

MET Tower Deployment at Current Site  
January 2009



# Objectives of Tribe

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- Primary - Direct Economic Benefit to Tribal Members
- Additional Step Toward Economic Self Sufficiency
- Utilize Existing Land Resources
- Manage Financial Risk
- Preserve Sovereignty



# Land Holdings

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- 120,000 acres
- Most Non-Indian owned
- Checkerboard ownership
- Potential Site – 600 acres Fee Simple Ownership
  - Acquired within the past 10 years.
  - Currently used as cropland

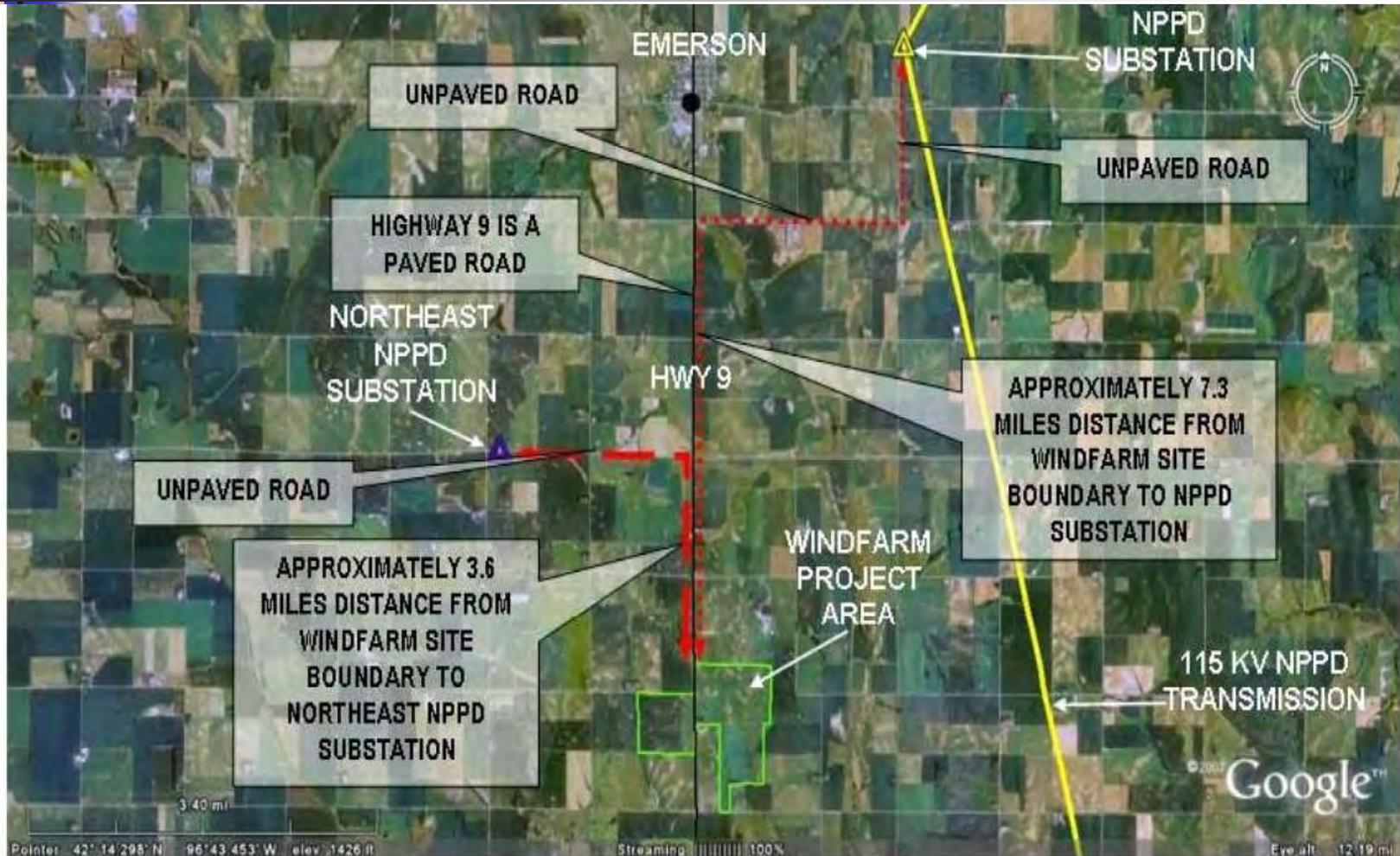


# Wind Project Scope & Objectives

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- Community Scale - 10 MW (4 turbines)  
2.5 MW each
- Tribal Ownership
- Power Purchase Agreement with  
Nebraska Public Power District
- Acceptable Rate of Return
- Construction 2012

# Map of Project Site





# Project Funding

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- New Market Tax Credits (20%)
- Treasury 1603 Grant (30%)
- Loans (50%)
  - Commercial Bank
  - Guarantee Programs
    - USDA
    - DOE
    - DOI



# The Money Part?

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## Source of funds

NMTC: (20%)	\$3,200,000
1603 (30%):	\$4,800,000
<u>Loan (50%)</u>	<u>\$8,000,000</u>

Total            \$16,000,000

## Use of funds

Turbines	\$12,500,000
Connect	\$2,700,000
<u>Contingency</u>	<u>\$800,000</u>

Total            \$16,000,000



# Strengths - Wind

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- Good Wind Resource (7-8 m/s)
- Available Land
- Interconnection & Transmission Availability
- No Known Environmental, Cultural, Wildlife Issues Identified to Date
  - Land is Currently Cropland



# Issues Regarding Trust Land vs. Fee Land

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- Contiguous Parcel Suitable for Development.
- BIA Involvement & Jurisdiction
- NEPA Compliance (National Environment Protection Act)
- Federal Funding for Project
  - Grants & Loans
    - USDA, DOI, DOE, 1603



# Advantage Consulting Group-

## My Role

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- Act as a Project Manager for the Tribe
- Conduct All Aspects of Wind Development
  - Wind Assessment- MET Tower & Analysis
  - Finance- including Grants, Equity & Debt
  - Financial Analysis- Cash Flow Projections
  - Power Purchase Agreement- Negotiate with Utility
  - Environmental/Cultural- Due Diligence in Identifying & Addressing issues
  - Coordinate Engineering, Procurement, Construction



# NEPA (National Environmental Protection Act) Compliance

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- What Level of Study is Required?
  - Environmental Impact Statement
    - Thorough, In Depth & Costly
  - Environmental Assessment
    - Less Rigorous Study



# NEPA Compliance Milestones

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- Nebraska State Historical Society Review – Letter Stating No Known Cultural Resources on Site
- Tribal Historian Review and Letter of No Known Cultural Resources
- Nebraska Game & Parks Commission – Current Bird & Bat Studies
  - Surveys Being Done by Local BIA Wildlife Biologists in Cooperation with NGPC.

# Current Status- Positive Progress



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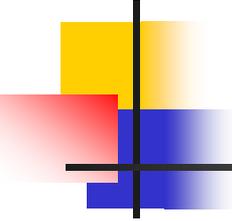
- Wind Data Certification (18 months)
- Interconnection Engineering Completed
- Legal Entity Creation
- Power Purchase Agreement- Negotiations With Nebraska Public Power District
- Financing Options
  - New Market Tax Credits (up to 20%)
  - Treasury 1603 Grant in Lieu of Tax Credit (30%)
  - Guaranteed Loan (50%)



# Project Goals

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- Tribally Owned Community Scale Project
- Acceptable Financial Return to Tribe
- Long Term Power Purchase Agreement
- Provide a Track Record for Increased Wind Development



# For More Information

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