Kaw Nation of Oklahoma

The Kanza People

Kaws, Osages, Poncas, Omahas, Quapaws – Dehegila-Siouan of Ohio Valley

Kaw Nation of Oklahoma

DEPARTMENT OF ENERGY

Office of Energy Efficiency and Renewable Energy
Tribal Energy Program

Wind-Biomass Feasibility Study
for the
Chilocco Indian School Site in Oklahoma

FY2004 Program Review Meeting Presentation

Kaw Nation Utilities Commission

October 2004
Golden, Colorado

KNED

People of the Kaw Nation

- ***Federally recognized Native American Nation***
  - *-Constitution ~ Adopted and ratified August 14, 1990*
  - *-Government Elections ~ Every two years*
  - *-Honorable Guy Munroe ~ Chairman and CEO*
  - *-Executive Council ~ Elected Kaw Nation Members*
  - *-General Council ~ Enrolled Kaw Nation Members*
  - *-Employees and Commissioners (non-members)*

- ***United States Population***
  - *-Enrolled Kaw Nation Members ~ 2772*
  - *-Oklahoma, Kansas, and California*
  - *-Hawaii, Virginia, West Virginia*

Renewable Energy Recognitions

- ***Kaw Nation Departmental Contributions***
  - *-Chairman*
  - *-Executive and General Councils*
  - *-Utilities Commission*
  - *-Grants and Contracts*
  - *-Environmental Department*
  - *-Cultural Department and Museum*
  - *-Administrative Departments*

- ***Organizational and Professional Contributions***
  - *-Department of Energy ~ DOE*
  - *-Distributed Generation Systems, Inc. ~ Disgen*
  - *-Council Energy Resource Tribes ~ CERT*

Energy Program Personnel

- ***Kaw Nation Utilities Commission***
  - *-Administrative Clerk ~ Traci Townsend*
  - *-Commission Director ~ Charles E. Steiger Jr.*
  - *-Commissioners ~ Bob L. Gaddis*
    - *~ George Munroe*
    - *~ Ken Stamper*

- ***Kaw Nation Grants and Contracts***
  - *-Program Development Specialist ~ Sharl Taylor*
  - *-Department Director ~ Cynthia Grounds*

Energy Program Personnel

- ***Kaw Nation Environmental Department***
  - *-Administrative Assistant ~ Michele Gentry*
  - *-Water Technician ~ Stephen McCauley*
  - *-Environmental Scientist ~ Shawn Keller*
  - *-Educational Coordinator ~ Scott Haywood*
  - *-Department Director ~ Dejene Alemayehu, Phd.*

- ***Kaw Nation Culture Department and Museum***
  - *-Language Director ~ Justin McBride*
  - *-Museum Director ~ Crystal Douglas (archaeologist)*

Energy Program Personnel

- ***Kaw Nation Enterprise Development Authority***
  - *-Department Director ~ Ron Feazle*
- ***Kaw Nation Enrollment and Property Management Department***
  - *-Enrollment Director ~ Freda Lane*
- ***Kaw Nation Administrative Departments***
  - *-Harriett Hardy ~ Receptionist*
  - *-Complete Kaw Nation Staff*

Energy Program Assistance

- ***Distributed Generation Systems, Inc.***
  - *-President and Owner ~ Dale Osborn*
  - *-Disgen Staff*
- ***Council of Energy Resource Tribes***
  - *-Energy Resource Program Staff*
- ***Department of Energy***
  - *-Renewable Energy Program Staff*

Kaw Nation
Utilities Commission

Feasibility Study Program

- ***Wind-Biomass Renewable Energy Objectives***
  - *-Commercial wind facility feasibility*
  - *-Sustainable wind resource*
  - *-Bio-mass power resource potential*
  - *-Avian impact (phase I)*
  - *-Cultural assessment*
  - *-Project economic projection (preliminary)*
  - *-Energy demands and planning*
  - *-Wind-hybrid integration*
  - *-Native American employment opportunities*
  - *-Regional energy-use market options*

Feasibility Study Summary

- ***Wind-Biomass Renewable Energy Recommendations***
  - *-Chilocco School trust land site potential*
  - *-Wind energy resource sufficient*
  - *-Avian and Cultural impact limited*
  - *-Economic benefits available with PTC*
  - *-Energy sales market presents options*
  - *-Sustainable energy capabilities by local utilities*
  - *-Kaw Nation employment opportunities*
  - *-Native American proposed tax legislation*

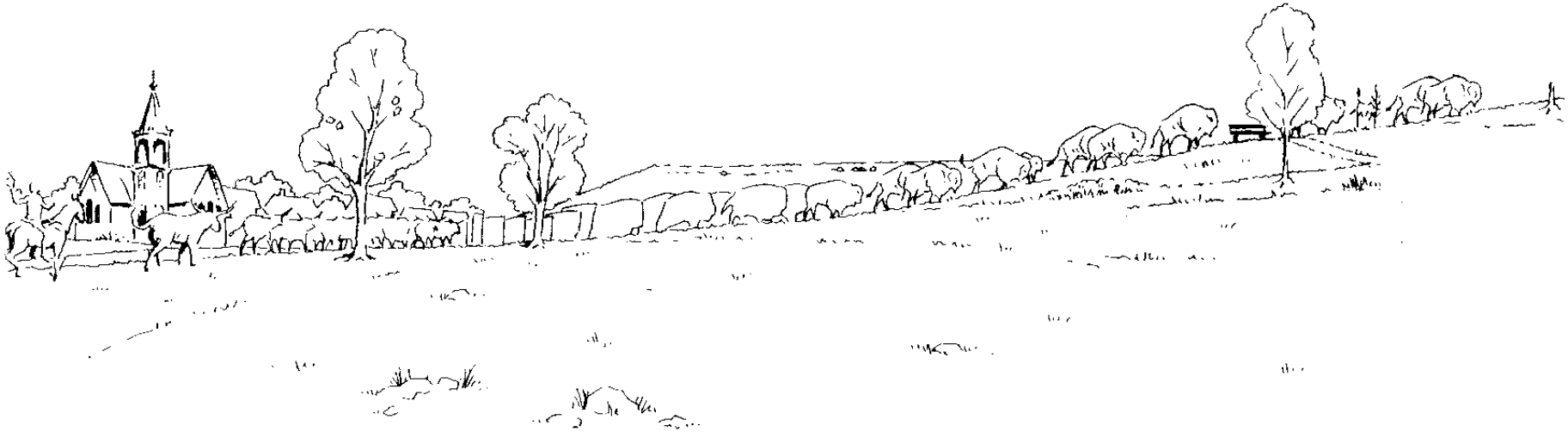
Kaw Nation Utilities Commission

KNED

Administrative Offices and Museum

Washunga Bay and Chilocco MET Towers

Kaw Nation of Oklahoma



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