Sandia National Laboratories' Tribal Energy Program

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Renewable Energy:
Planning for Sustainability & Self-Determination
for the Navajo Nation

Summer 2008





Tribal Energy Program

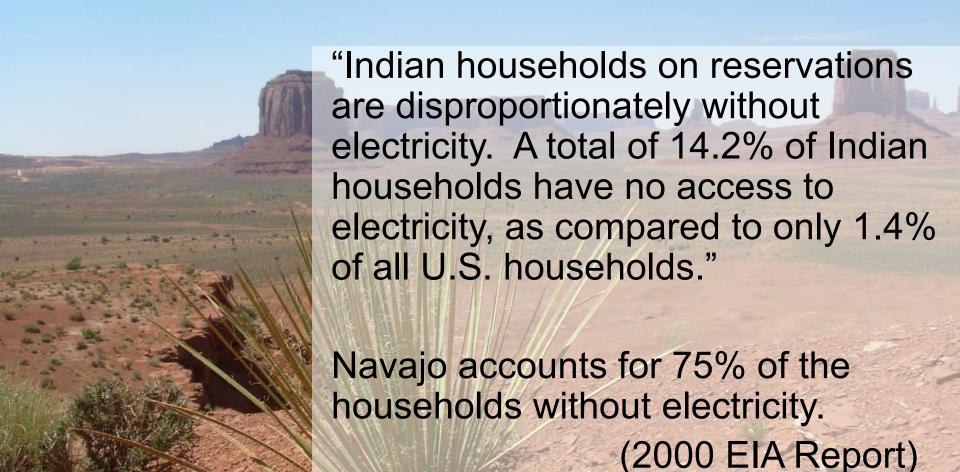
Indian land comprises 5% of the land area of the United States, but contains an estimated 10% of all energy resources.

"Wind resources in the Great Plains could meet 75% of the electricity demand in the contiguous 48 states."

(Native American Energy Development and Self-Determination Act of 2003)



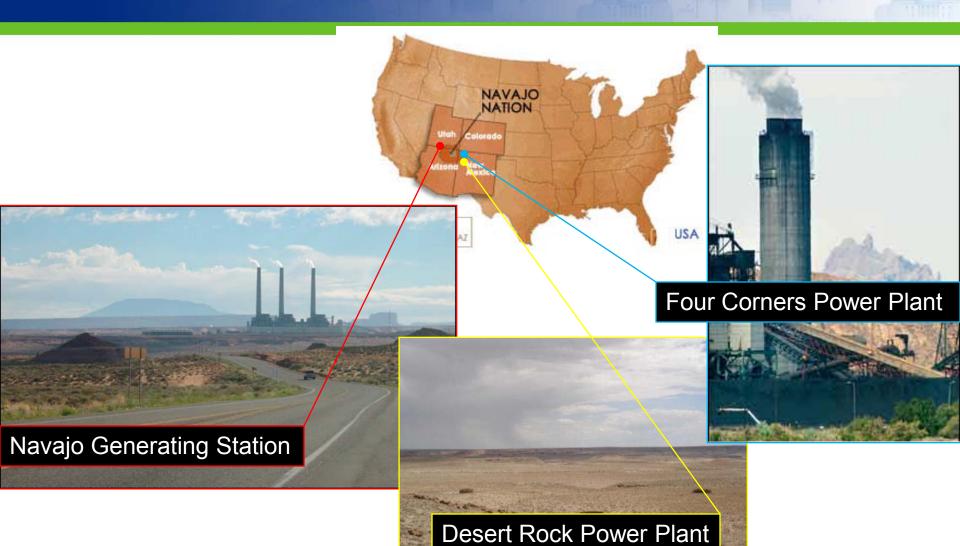
Tribal Energy Program







Energy Generation

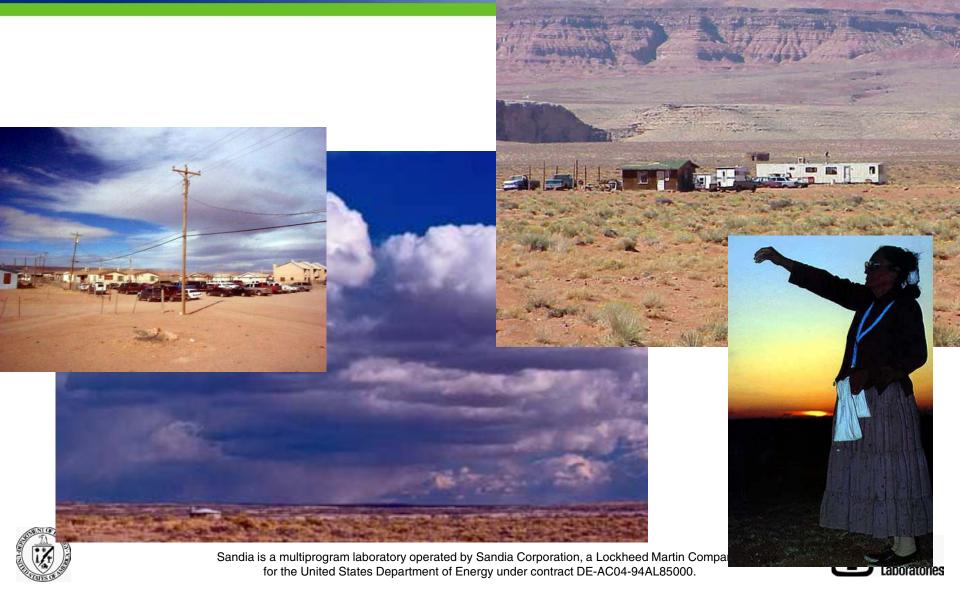








Who's Connected?





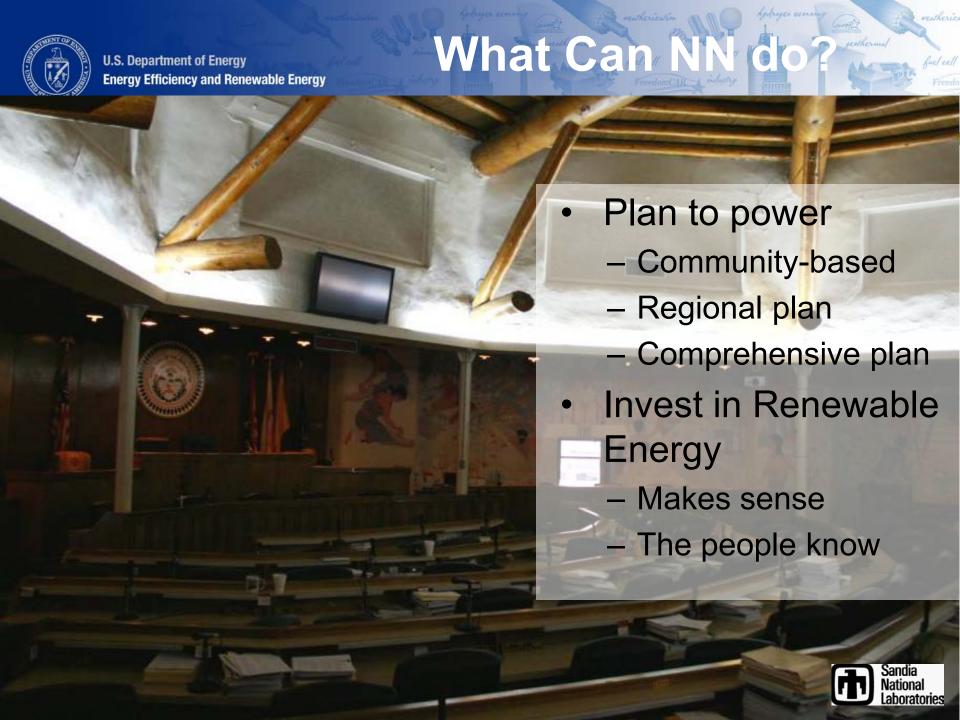
Why a Concern?



dia Corporation, a Lockheed Martin Company,

for the United States Department of Energy under contract DE-AC04-94AL85000.







Sustainability Planning



- Long-term perspective
- Holistic approach
- Acceptance of limits
- Focus on place
- Active involvement





Why Renewable Energy



