

Lac du Flambeau Tribal Energy Program Renewable Energy and Conservation Planning

Larry Wawronowicz
Deputy Administrator of Natural Resources
November 8, 2007

**Lac du Flambeau Band of Lake Superior
Chippewa Indians**

DE-PS36-06GO96038

Brief Summary of Tribe

- Located in North Central Wisconsin.
- The reservation is 144 square miles or 86,630 acres.
- 12 Member Tribal Council.
- Population 3,400 Tribal Members.
- Checkerboard Reservation.
- Hunt, Fish and Gather in the Ceded Territory.



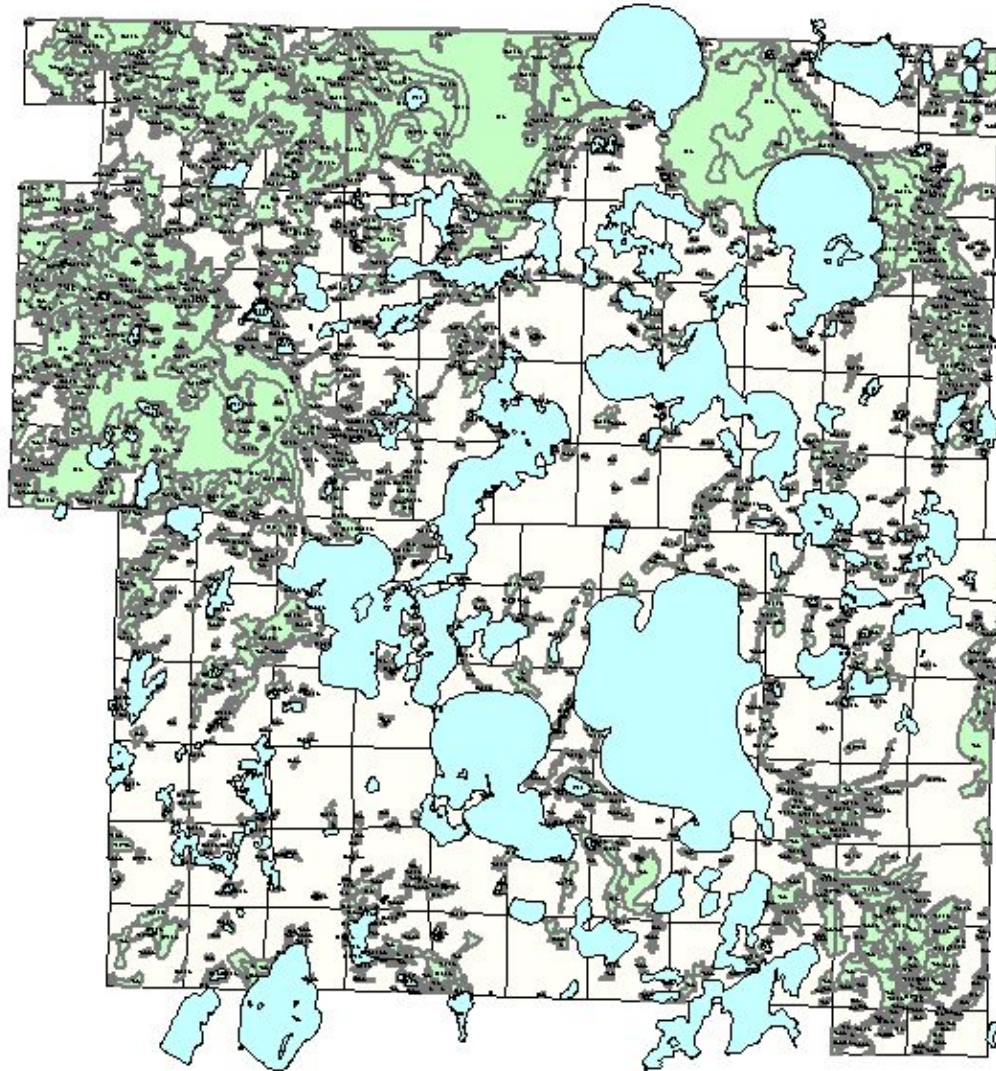
Aerial Photo of the Reservation



TRIBAL NATURAL RESOURCES

- AREA- 86,630 acres or 144 square miles
- LAND OWNERSHIP- 66.8% tribal land and 33.2% fee land.
- LAKES- 260.
- CREEKS/RIVERS- 71 miles.
- WETLANDS- 24,000 acres
- FORESTED LANDS- 41,733 acres

49% of the Reservation is Wet Lakes, Rivers and Wetlands



Natural Resource Utilization

- The Lac du Flambeau Band utilizes the natural resources to provided cultural, subsistence, economic and social opportunities for tribal members.
- The resources are also available to the non-Indian Community.

Goals of the Tribal Natural Resource Department

- Protect
- Conserve
- Enhance

Tribal Natural Resources for present and future generations of all people living on the reservation by utilizing the Band's IRMP and Natural Resource Programs.

Tribal Natural Resource Department Programs

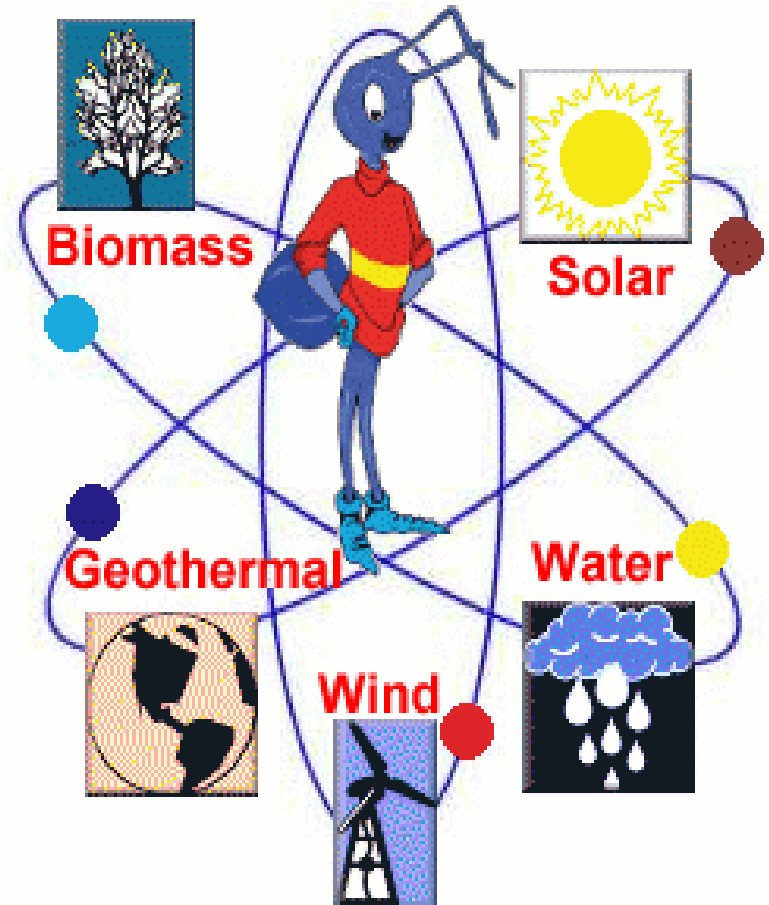
- Fish Culture
- Fisheries Management
- Wildlife Management
- Conservation Law Enforcement
- Forestry
- Water Resources

Tribal Natural Resource Department Programs (continued)

- Parks and Recreation
- Environmental Protection
- Land Management
- Tribal Historic Preservation
- Renewable Energy/Conservation (New)
- Sustainable Development (New)

Renewable Energy/Conservation Planning Program

- Goal: Is to create an Energy Plan for the LDF Reservation that includes conservation and utilization of alternative/renewable energy.
- Solar, wind, mini-hydro, geothermal and biomass.
- Develop baseline data on Reservation energy utilization.
- Determine the potential of alternative/renewable energy for the reservation.



Objectives of the Project (7)

- Develop and evaluate baseline data on energy consumption, costs, trends and future impacts.
- Determine the potential for wind, solar and ground source heat pump technologies to be integrated into current and planned tribal buildings.
- Evaluate the potential for biomass resources to produce power, heat or other products for use within Tribal Buildings or for export.

Objectives (continued)

- Determine if water resources on Tribal Land are capable of generating small scale electrical power.
- Assess the viability of retrofitting existing buildings.
- Develop a Conservation/Renewable Energy Plan.
- Report the results of the project to Tribal Council, Administration and Federal Agencies.

Project Participants

1. Tribal Environmental Program
2. Tribal Forestry
3. Tribal Fish and Game
4. Tribal Planning
5. Tribal Water Resources
6. Wisconsin Public Service
7. UW-Extension
8. NiiJii Enterprise Community
9. Nicolet College
10. Wisconsin Focus on Energy
11. DOE
12. BIA

Alternative/Renewable Energy



Conclusion

The responsibility of every Natural Resource Agency is to provide the science, biology, management, personnel, funding, policies and politics necessary to provide clean air, water and land. Without clean air, water and land, we lose our way of life and life itself!

“Anonymous”

Contact Information

Larry Wawronowicz
Deputy Administrator
Tribal Natural Resource
Department
PO Box 67
Lac du Flambeau,
Wisconsin 54538
715-588-4213
Dir253@aol.com

Bryan Hoover
Project Coordinator
Tribal Natural Resource
Department
PO Box 67
Lac du Flambeau,
Wisconsin 54538
715-588-4213
hooverb2003@yahoo.com