

Sault Ste. Marie Tribe of Chippewa Indians

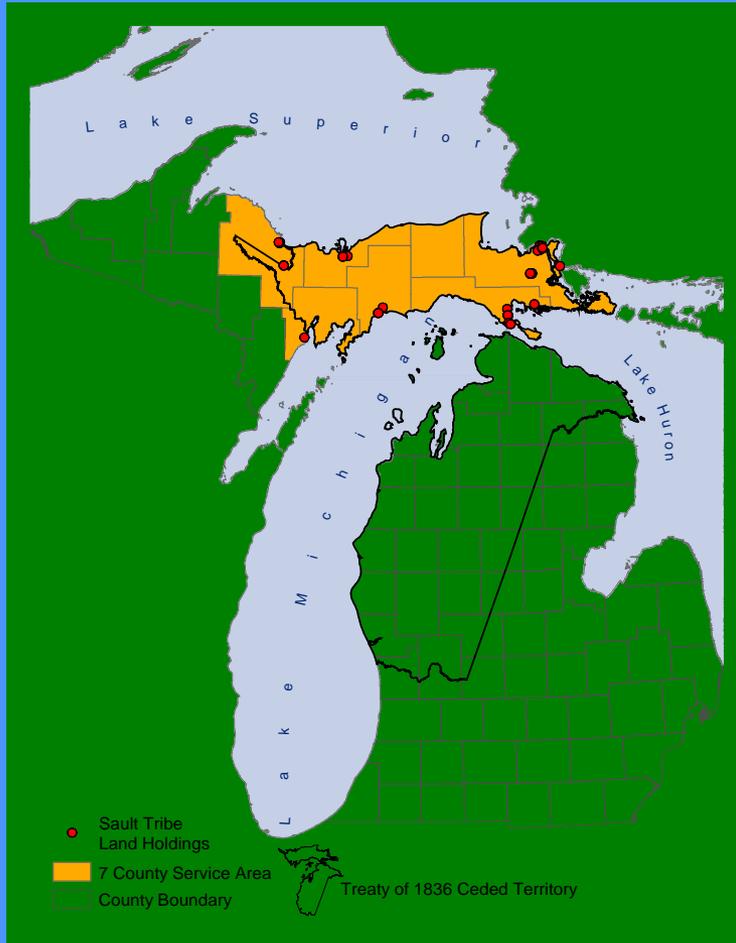
Governmental Building Energy Audits

&

**Training in Building Energy Audit
Technologies**

November 14 – 18, 2011

Summary of Sault Tribe



- * Federally Recognized in 1972
- * Approximately 40,000 Tribal Members
- * 7-County Tribal Service Area
 - n Eastern Upper Peninsula of Michigan
 - n Approximately 1,600 Acres Held in Trust
 - n Upper Peninsula – 16,452 Square Miles
 - n Tribal Service Area – 8,573 Square Miles

Project Objectives



Governmental Building Energy Audits

- n Procure qualified provider to conduct energy audits
- n Conduct energy audits of 36 governmental buildings
- n Review findings from comprehensive energy audits



Training in Building Energy Audit Technologies

- n Procure qualified providers to conduct training
- n Conduct Infrared Camera, Building Envelope and Blower Door Analysis and Building-As-A-System training and certification for Tribal personnel

Progress-To-Date



Governmental Building Energy Audits

- n Procurement documents and mailing list developed
- n Procurement advertising strategy completed
- n Working with Tribal Purchasing Department
- n Scheduling Comprehensive Energy Audits – Winter, 2012



Training in Building Energy Audit Technologies

- n Procurement documents and mailing list in progress
- n Procurement advertising strategy in progress
- n Working with Tribal Purchasing Department
- n Scheduling Technology Training – Winter, 2012

Lessons Learned



Governmental Building Energy Audits

- n Want to have a comprehensive audit instead of by trade
- n Energy audits must be performed by credible provider
- n Energy audit information is necessary for grant-writing



Training in Building Energy Audit Technologies

- n Providing training at local sites increases participation
- n Employees want certification credentials
- n Employees want to upgrade their technology skills

Future Plans

- ∩ Develop energy retrofit specifications for each Tribal governmental building based on energy audit findings
- ∩ Apply for grants to address Tribal governmental building retrofit needs
- ∩ Implement retrofits of Tribal governmental buildings to maximize energy efficiency
- ∩ Monitor energy usage of Tribal governmental buildings to ensure maximum efficiency
- ∩ Perform routine energy audit technology testing of Tribal governmental buildings to maintain efficient operations

Sault Ste. Marie Tribe of Chippewa Indians

Sault Tribe is implementing energy retrofitting to protect natural resources, improve Tribal membership economic well-being, foster self-sufficiency and sustain operational continuity.

*Sault Tribe expresses appreciation
to the U. S. Department of Energy
for providing the funding,
which makes these projects possible.*

Miigwech