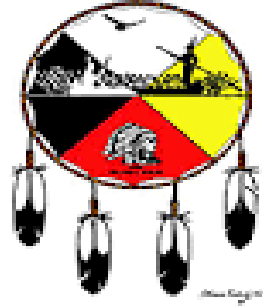


Sokaogon Chippewa Community



Emission-Free and
Treaty Resources
Protection Clean
Energy Initiative





Sokaogon Chippewa Community

Mole Lake Band of Lake Superior Chippewa Indians



- * Located in northern Wisconsin
- * Village occupied since late 1700s
- * Reservation purchased in 1937
- * Successfully fought copper ore mine and purchased the rights
- * Over 1,500 tribal members
- * One of the best wild rice bed in Wisconsin



Tribal Businesses

Tribal Administration Building
Mole Lake Casino and Lodge
Café Manoomin
Health Clinic
Convenient Store
Elderly Complex
Youth Center
Family Service Building
Housing Department
Tribal Roads Department
Sokaogon Finance, Inc.
A-Binoojii Daycare
Waste Water Treatment Plant
Food Distribution Center
Fish Hatchery
Recycling Center



HUD Indian Community Development Block Grant Project



- *Started in 2015
- *\$600,000 ICDBG
- *\$300,000 Tax credit investor
- *49 Homes with rooftop Solar PV Panels and Fronius Inverters
- *Size 273 kW
- *\$1.3 Million in energy savings over 30 years
- *Completed in December 2016



Department of Energy Grant Project



- *Started in 2015
- *\$1 Million DOE grant
- *\$1,152,925 Tax credit investor
- *17 Tribal businesses and 3 homes with Solar PV panels and Fronius Inverters on rooftops
- *2 Tribal businesses with Solar PV and Fronius Inverters on the ground
- *Size 606 kW
- *\$2.7 Million in energy saving over 30 years
- *Completed in December 2016

Project Objectives

- * Decrease Tribe's carbon footprint and energy costs
- * Provide training and job opportunities for tribal members in rapidly growing field
- * Provide a cost-effective, clean energy model for other low-income Tribal communities





Lessons Learned

- *Look into ground mounted panels and battery storage
- *It don't store power for the night
- *Snow accumulates on panels
- *Lot of our Tribal homes have too many trees around them



New Projects



Establishing a Tribal Police Department and moving Tribal Courts to a new facility



Restoring one of the first houses in Mole Lake into a bait shop/ trading post



Other Completed Projects



20 unit tax credit housing project



24 unit tax credit apartment complex



Future Projects

Upgrading Fish Hatchery





Thank You

Carson Ackley, Sokaogon Chippewa Community
carson.ackley@scc-nsn.gov