

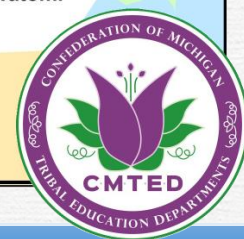
Jijak Gises Project



Elizabeth Binoniemi Smith, Environmental Director
Match-E-Be-Nash-She-Wish Band of Pottawatomi Indians

Michigan

Federally Recognized Tribes



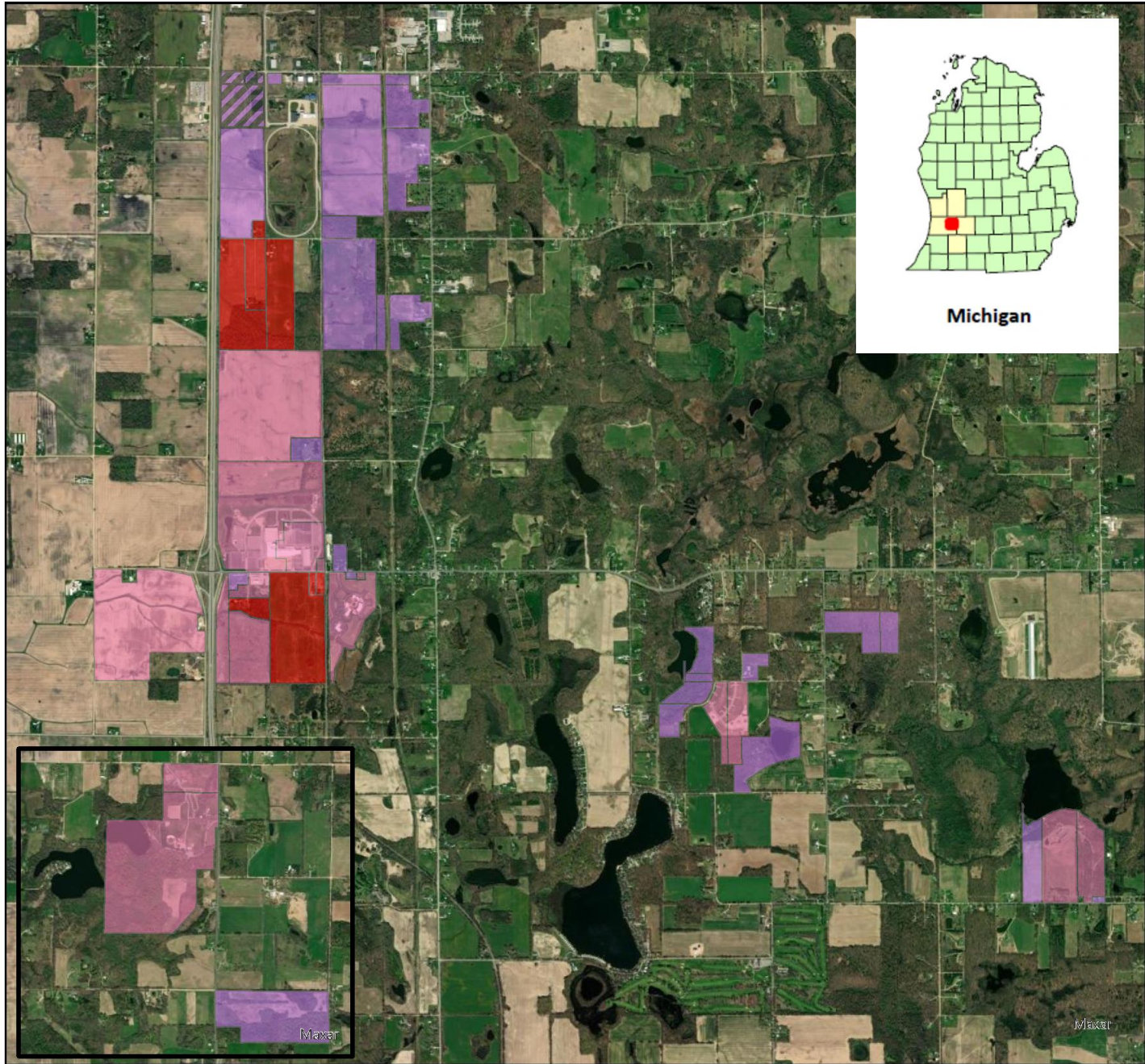
Match-E-Be-Nash-She-Wish Demographics

1,574 acres of Tribal land

610 Tribal citizens

Government Campus located
in Shelbyville, Michigan








Michigan



Gun Lake Tribe
Tribal Lands


Legend

-  Wholly Owned Tribal Subsidiary
-  Fee
-  Trust
-  Pending

Fee: 767.28 acres
Trust: 806.42 acres
Total: 1,573.70 acres



0 0.28 0.55 1.1 Miles



Map created by the Gun Lake Tribe
Land Use, Planning, and
Development Department, 7/25/2023.

JIJAK PROPERTY



Gun Lake Tribe
Tribal Lands

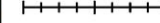
Tribal Properties
Legal Category

- Fee
- Trust

Fee: 705.3 Acres
Trust: 735.6 Acres
Total: 1441.0 Acres



0 0.05 0.1 0.2 Miles



Map created by the Gun Lake Tribe
Development Department, 01/12/2022.



Gun Lake Tribe
Environmental Department

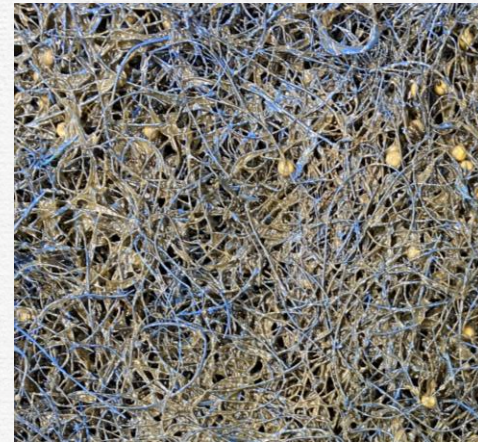




We, the members of the Match-E-Be-Nash-She-Wish Band of Pottawatomis Indians of Michigan, will maintain our elders' vision, integrity, spirituality, culture and economic self-sufficiency by protecting our sovereignty, treaty rights, traditions, land and natural resources for our future generations.

Tribal History Video

<https://youtu.be/IBmcpBsFJAI?feature=shared>



NMÉ (STURGEON) REHABILITATION



MNOMEN (WILD RICE) RESTORATION



WISGAK (BLACK ASH) CONSERVATION



POLLUTION PREVENTION



EDUCATION AND OUTREACH

Jijak Gises Project Team

- Melissa Brown – Business Contact, Senior Director of Operations
- Elizabeth Binoniemi Smith – Technical Contact, Environmental Director
- Shawn McKenney – Environmental Specialist



Jijak Gises Project

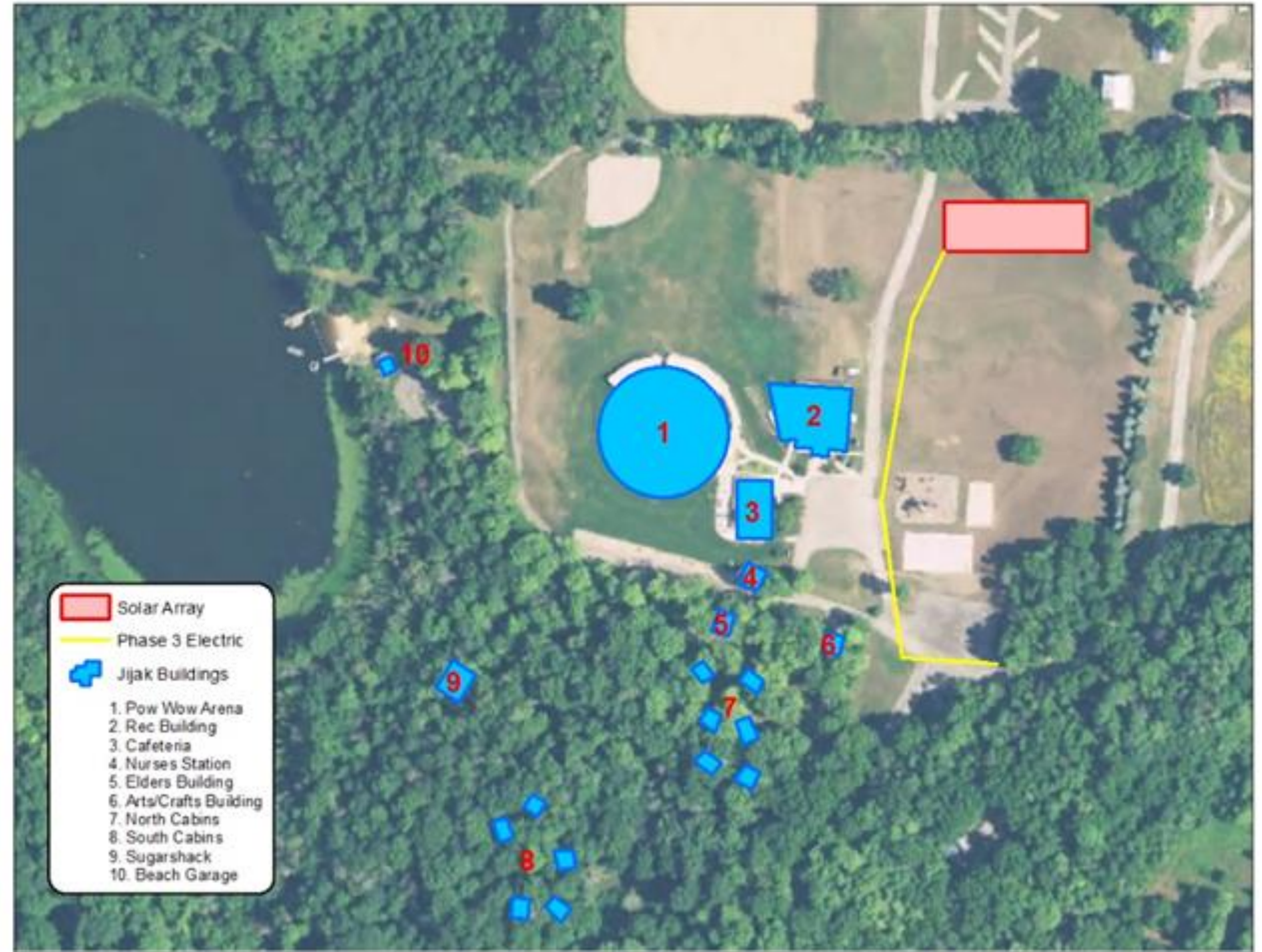
69 KW Solar Array

- 99%+ of the current electrical needs of the three main buildings, cabins/bathrooms, sugar house, pow wow arena, auxiliary buildings and other outdoor lights at the property.
- 88,000 kWh Annual Electric Consumption

Federal funds: \$270,149

Cost-share: \$ 68,127

Total Project: \$ 338,276



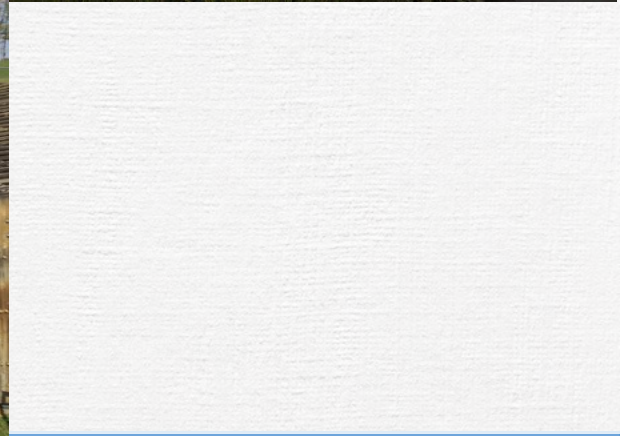
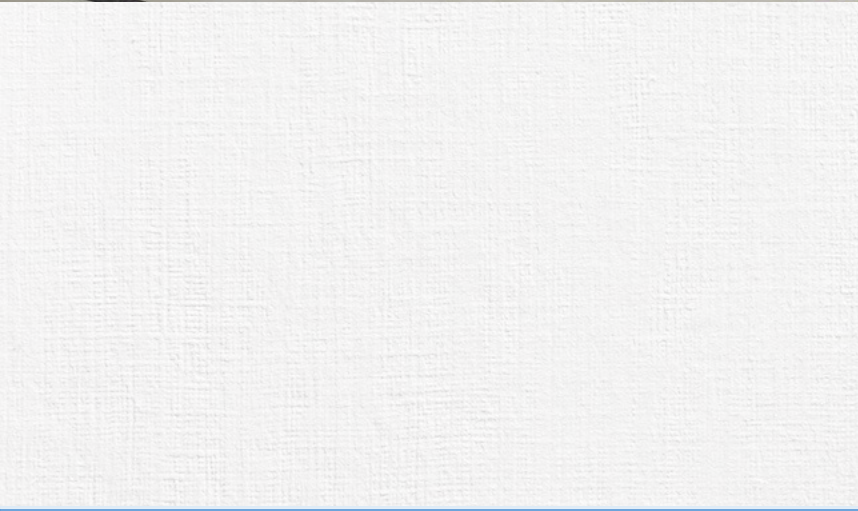
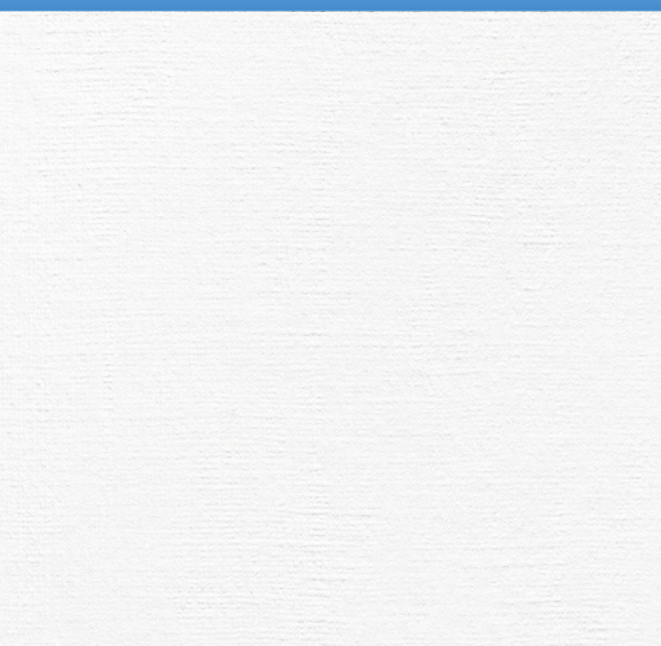
Jihak Gises Project

- Objective 1. Complete all planning and preparations for the installation of photovoltaic solar array.
- Objective 2. Install and grid connect 88,000 kWh photovoltaic solar array.
- Objective 3. Fulfill all Department of Energy (DOE) grant requirements.





Herlan Lake



Jijak Gises Project

- Save over \$312,00.00 over the life of the system
 - \$12,550 annually
- Reduce the Tribe's reliance on non-renewable energy sources
- Conserve the environment for the next seven generations
- Enhance and strengthen the Gun Lake Tribe's sovereignty and economic stability
- Save 3,000 tons of carbon dioxide emissions over the life of the system
- Be an example for future renewable energy deployment



Before the Jijak Gises Project

- Installed small solar arrays at the Tribal housing development and Luella Collins Community Center
- 2015 Climate Change Adaptation Plan
- Tribal Council Strategic Plan includes a long term goal to enhance infrastructure and strengthen Tribal self-sufficiency by expanding renewable energy programs and alternative power sources
- Renewable Energy Master Plan facilitated by NREL
- Photovoltaic feasibility studies for four Tribally owned properties, including the Jijak Property
- The Tribe retrofitted the government buildings and casino with LED lights



Migwech! (Thank you!)



Gun Lake Tribe
Environmental Department
