

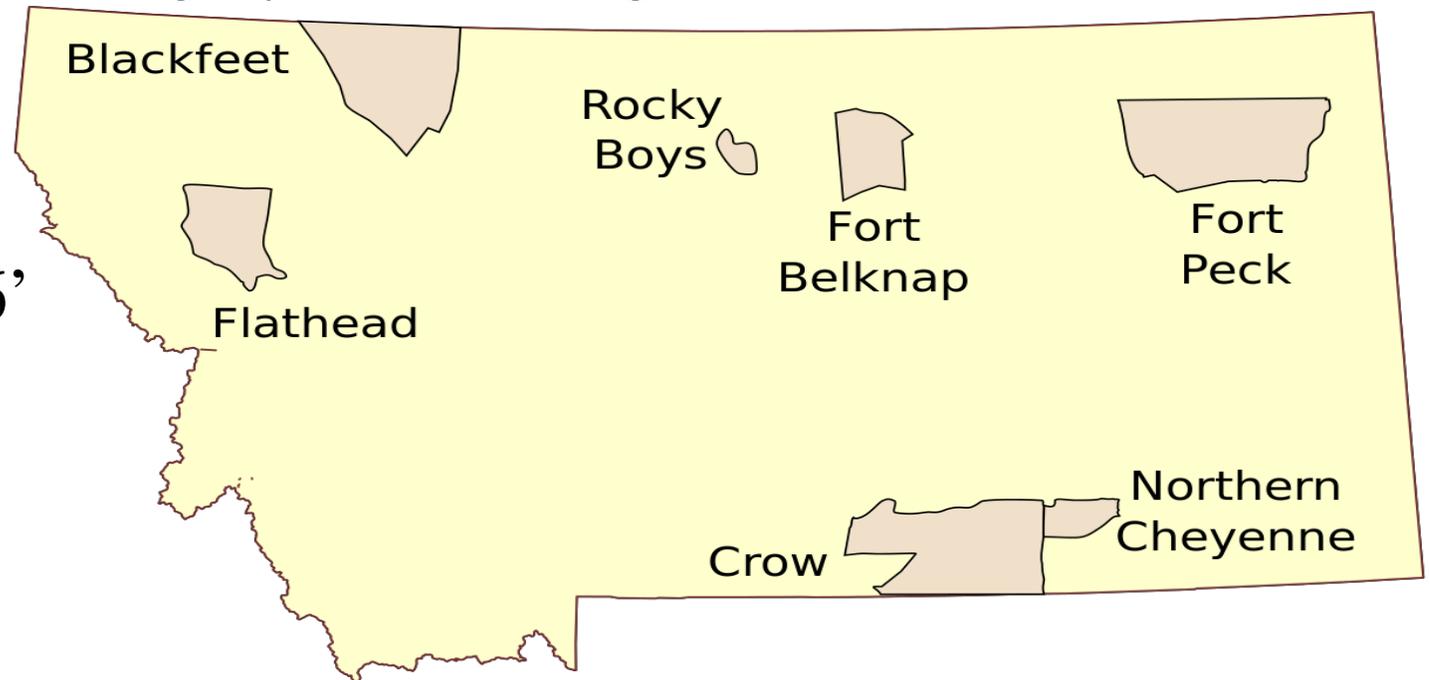
Chippewa Cree Tribe of Rocky Boy, MT



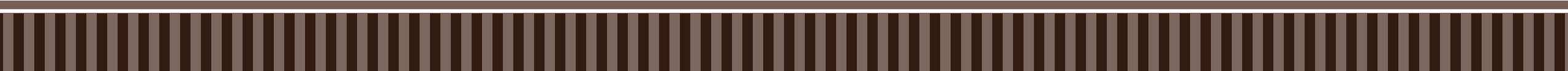
Residential Solar installation | Trevor Standing Rock

Location

- 122K Acres of plains, hills, and mountains (Bear Paws)
- 6400 members with roughly 3800 living within the reservation boundaries
- Celebrated 100 Year in August 16'

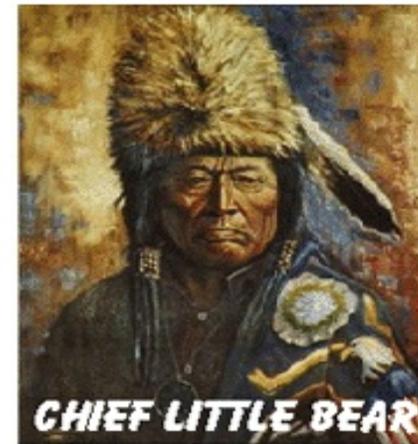
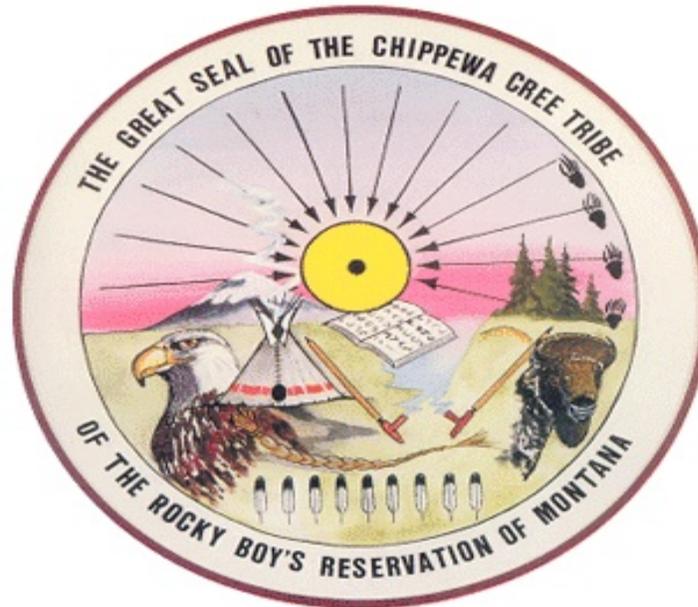
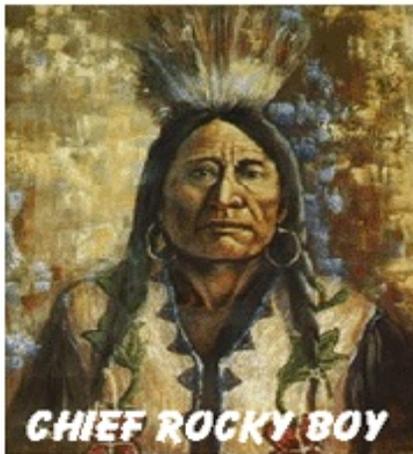






Project Goals

- Introduce Solar PV as a viable means of sustainable energy development on the Rocky Boy Reservation
- Kick-off our commitment to long term strategic energy plan



Procedures

- Construction was in an area that had pre-existing Environmental Assessments and Cultural clearance
- Work with local utility company to be in compliance with their requirements.
- Ours was a net metering system
- Ran into difficulty with utility in the form of a 3K fee

-for more info...List location or contact for specification (or other related documents)

Description

- Installed six solar PV systems on income qualified residential units
- Houses also chosen based on existing energy efficiency
- Completed in October 16'

Key Milestones & Deliverables

year 1:	Install six 3.5 kW solar PV systems on three of the tribe's recently constructed duplexes.
Year 2:	Verify energy output and savings to use as justification for future renewable energy projects.

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Key personnel/Organization

- Chippewa Cree Tribe
- Grid Alternatives
- Chippewa Cree Housing Authority
- Stone Child College



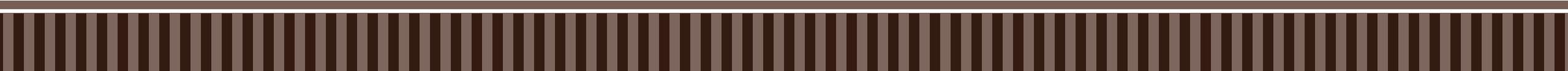
GRID
ALTERNATIVES

Budget/Costs

- **\$126,872 total award amount**
- **50% matching contribution for total of \$63,436**
- **Shared between Chippewa Cree Tribe and GRID Alternatives in form of equipment, in-kind, and cash contributions**
- **Tribe is looking at 8yr. ROI with a 25yr life of panels**









Project Outcomes

- Reduce utility bills for income qualified residents
- Currently paying around \$2K per year with an anticipated \$500 yearly savings
- Provided training for local community members
- Stimulated community interest in renewables

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