

Oglala Omaste
Oh glah' lah O mahsh' dtay



Oglala Sunshine



OFFICE OF INDIAN ENERGY POLICY AND PROGRAMS (IE)

ENERGY INFRASTRUCTURE DEPLOYMENT ON TRIBAL LANDS - 2020

Funding Opportunity Announcement (FOA)

Number: DE-FOA-0002168

FOA Type: 0000

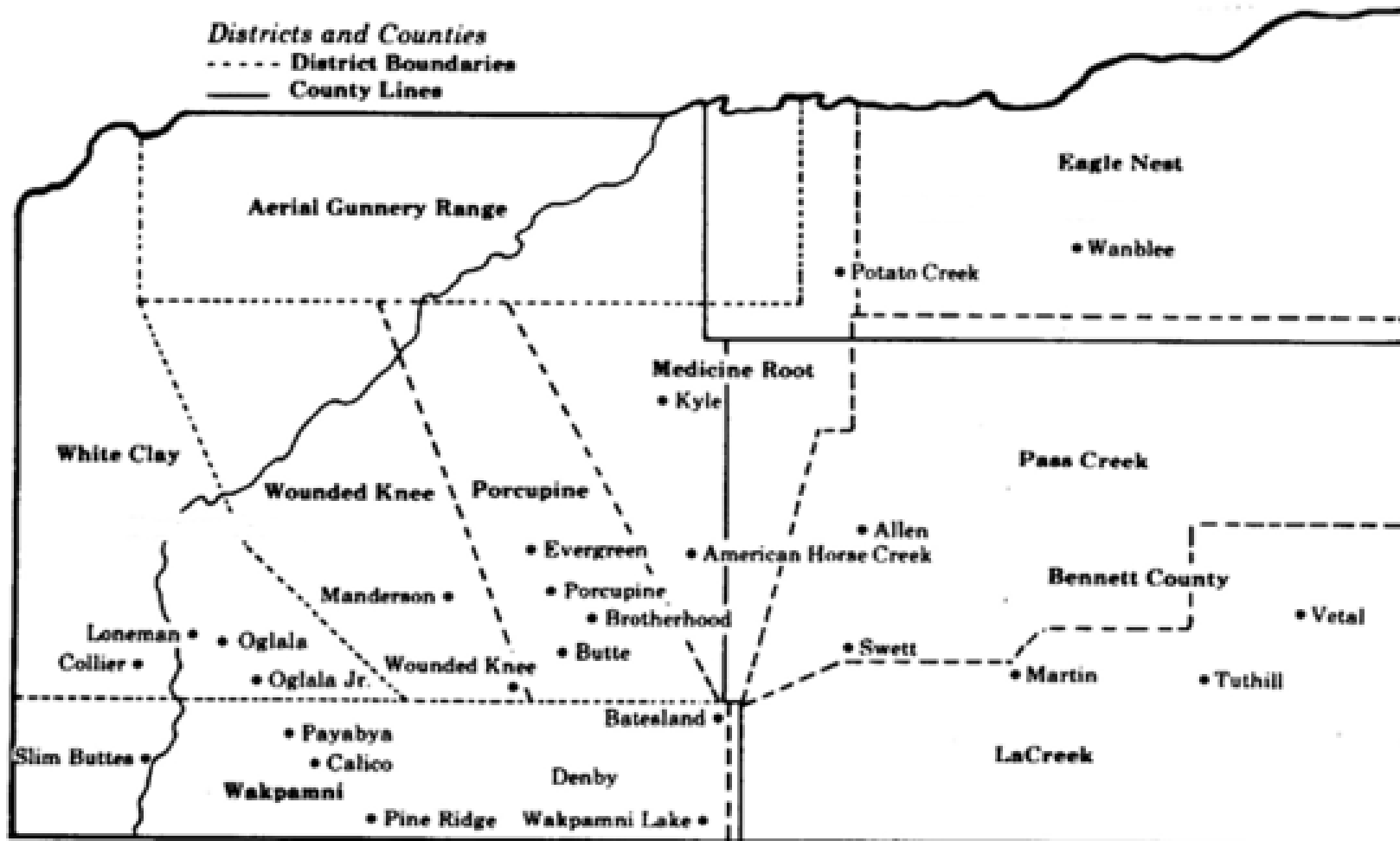
CFDA Number: 81.087

Grant #:DE-IE0000129 1/1/21 to 12/31/22



State of South Dakota





**Tribe of Red Cloud, Crazy Horse, American Horse, Little Wound,
Bull Bear, Young Man Whose Enemies Are Afraid of His Horses
Population**

HUD Formula 17,508 Indian persons

Tribal estimate 19,000 to 22,000

Tribal Enrollment as of Nov. 07, 2022

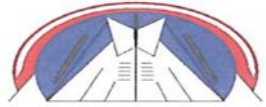
On reservation 18,413

Off reservation 32,661

Total 51,074

Oglala Lakota County was called by USA Today in May 2019

"the poorest county in America"



Oglala Lakota Housing Authority

P.O. Box #603

Pine Ridge, South Dakota 57770

Office 1(605) 867-5161 / Fax 1(605)867-1095 / oslh.org



OSLH is Tribally Designated Housing Entity

of the

Oglala Sioux Tribe

Mr. Ramon Bear Runner, CEO of OSLH

“

Exercising our sovereign and treaty rights, Oglala Lakota Housing Authority will work with communities in a culturally appropriate manner to provide safe, sanitary, and affordable housing to OST members on the Pine Ridge Indian Reservation. We will efficiently utilize any and all resources including those obligated and due us by the United States Government. The primary goal is to provide housing, although secondarily employment and economic development can be a benefit. OLHA shall always use the most effective and efficient means to provide housing.”

”

Mission

Oldest Tribally Designated Housing Entity in the country (1960)

Manage 1,158 1937 Act low-rent units in 19 clusters

201 NAHASDA Low Rent Units including

49 Leftover 1937 Act funds not on NAHASDA formula

84 USDA 515 units

45 Title VI units

**9 Rural Innovation Fund Units (designed and built for
low maintenance and energy efficiency)**

5 Little Wound Project built with ICDBG 17

83 1937 Act Mutual Help Units (Built 545)

45 NAHASDA Home Ownership Units

Past Activities

Held Renewable Energy and Energy Efficiency Financing Technical Assistance Training for OLHA Staff March 19-20,2019 Presented by Brian Pierson and John Clancy

Provided Solar Installations on 4 HUD VASH Houses and 1 Rural Innovation House in 2020 by GRIDAlternatives



Oglala Sioux Lakota Housing & GRID Alternatives Installations



1 Rural Innovation Fund Low-Rent House



3 Title VI HUD-VASH Low Rent Unit

Summary

- ▶ **Oglala Omaste 2020 will provide 54.5 kW-DC of solar PV energy to six tribal buildings, including the Oglala Sioux (Lakota) Housing Administration Building, 4) Veterans Affairs Supportive Housing (HUD-VASH) homes, and (1) Rural Innovation Fund (RIF) home. The project will lower electricity bills for tribal tenants and provide hands-on training to tribal employees and members of the local community.**

Oglala Omaste Objectives

- ▶ **Sustainable:** Support tribal environmental and net-zero energy goals by reducing reliance on non-renewable energy resources, increasing local renewable generating capacity, and reducing the tribe's environmental footprint.
- ▶ **Affordable:** minimize life-cycle costs of energy services compared to historic costs.
- ▶ **Commercial Technology:** Rely on commercially available technologies with standard service warranties.
- ▶ **Strategically Integrated:** Support the strategic goals, plans, and mission of the Oglala Sioux Tribe, including preserving and sharing cultural traditions; improving the general welfare of the tribal community; and compassionately providing for the people and future generations.
- ▶ **Economic Development:** Economic development is of high priority for the Tribe, given the high poverty and unemployment rates on the reservation. The Tribe expects to drive projects that can generate employment for the members as well as provide training and expertise for high demand jobs.
- ▶ **Cost-Effective:** In order for the project to be viable, it is necessary to evaluate options based on their cost-effectiveness over a 30-year horizon.

Participants

- ▶ **Oglala Sioux Tribe**
- ▶ **Oglala Sioux (Lakota) Housing**
- ▶ **Nebraska Public Power District**
- ▶ **GRID Alternatives**
- ▶ **Tribal Solar Accelerator Fund**
- ▶ **HUD**

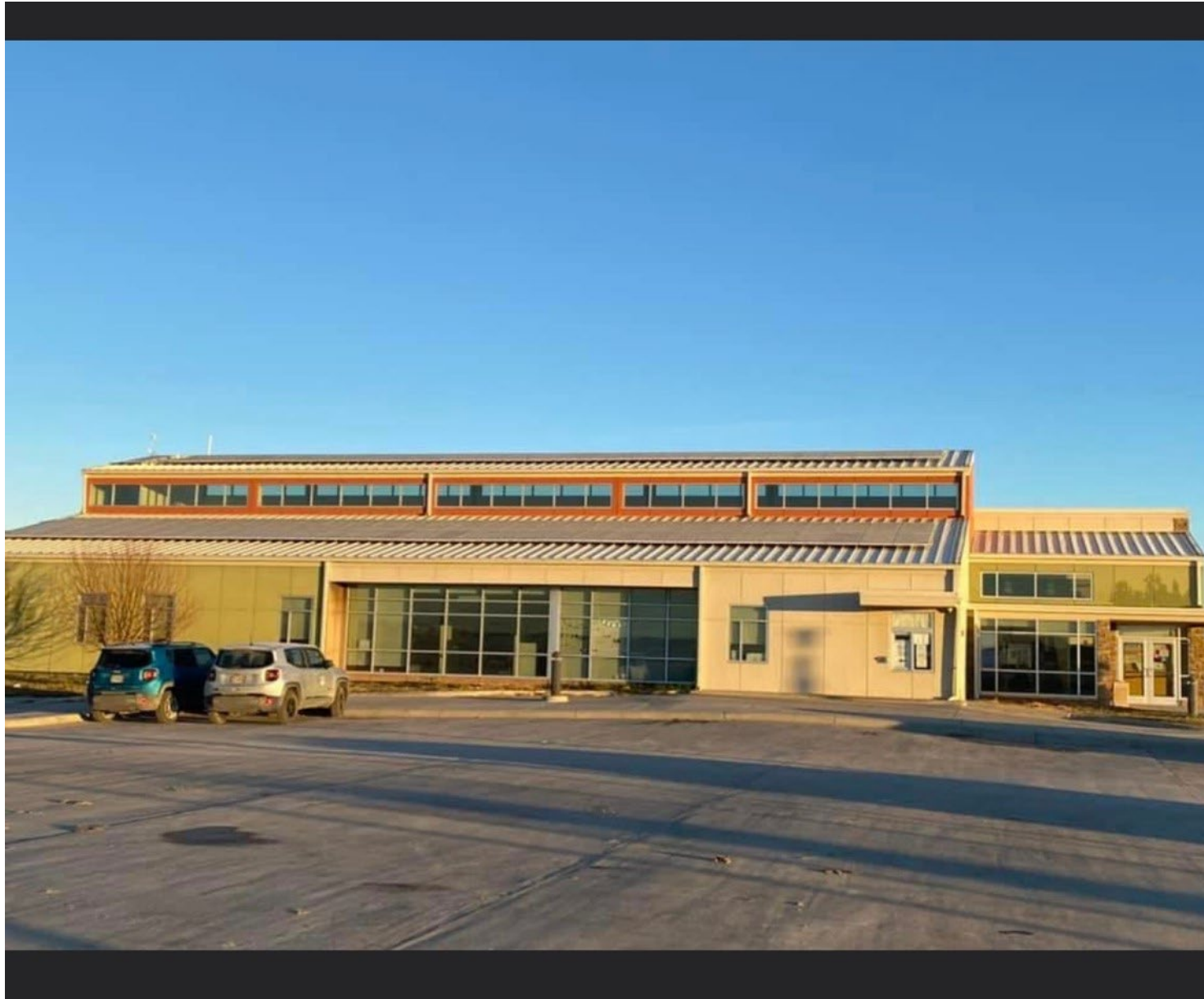
Project Status and Accomplishments

- ▶ **Installations came online in April 2022**
 - ▶ **1 Rural Innovation Fund House**
 - ▶ **4 HUD-VASH houses**
 - ▶ **Johnson Holy Rock Administration Building**

Pictures



Johnson Holy Rock Building







Monitoring

AUGUST							
	Before Solar			After Solar			
Account	Billing Period	Total Usage (kWh)	Bill	Billing Period	Total Usage (kWh)	Bill	Solar Production (kWh)
using Authority Building	August 2021	19360	\$1,823.99	August 2022	15440	\$1,463.78	0
Blaine White Eyes	August 2018	1032	\$132.77	August 2022	772	\$52.23	489
Richard White Eyes	August 2018	1454	\$177.44	August 2022	991	\$98.60	251
Julia Martin	August 2018	1120	\$142.08	August 2022	944	\$80.03	387
Michelle Pourier	August 2015	857	\$114.33	August 2022	1128	\$101.33	361
James King	August 2018	800	\$120.31	August 2022	1080	\$93.02	395
Total		24623	\$2,510.92		20355	\$1,888.99	1883
			Total Cost Savings: \$621.93 Total Energy Savings: 4268 kWh Total Solar Production: 1883 kWh				

Activities yet to be completed

- ▶ **Draw Downs and Payments**
- ▶ **Year of Monitoring to May 2023**
- ▶ **Quarterly Reports**
- ▶ **Close out grant which ends 6/30/23**

Lessons Learned

- ▶ **We need to work politically to get a better net metering or usage payback for solar energy. At least for low-income people. Energy companies say that the cost of energy is not just usage but also infrastructure and it is unfair to have other consumers subsidize individual solar installations. Especially since most are well-off.**
- ▶ **We need to plan for involving people from other groups including Oglala Lakota College, Lakota Tech High School, Thunder Valley CDC on the installations.**

Pilamayapelo!!!

Toksa Ake

