

# Oglala Omaste NUPA



Oglala Sunshine 2



**OFFICE OF INDIAN ENERGY POLICY AND PROGRAMS (IE)**

**ENERGY INFRASTRUCTURE DEPLOYMENT ON TRIBAL LANDS**

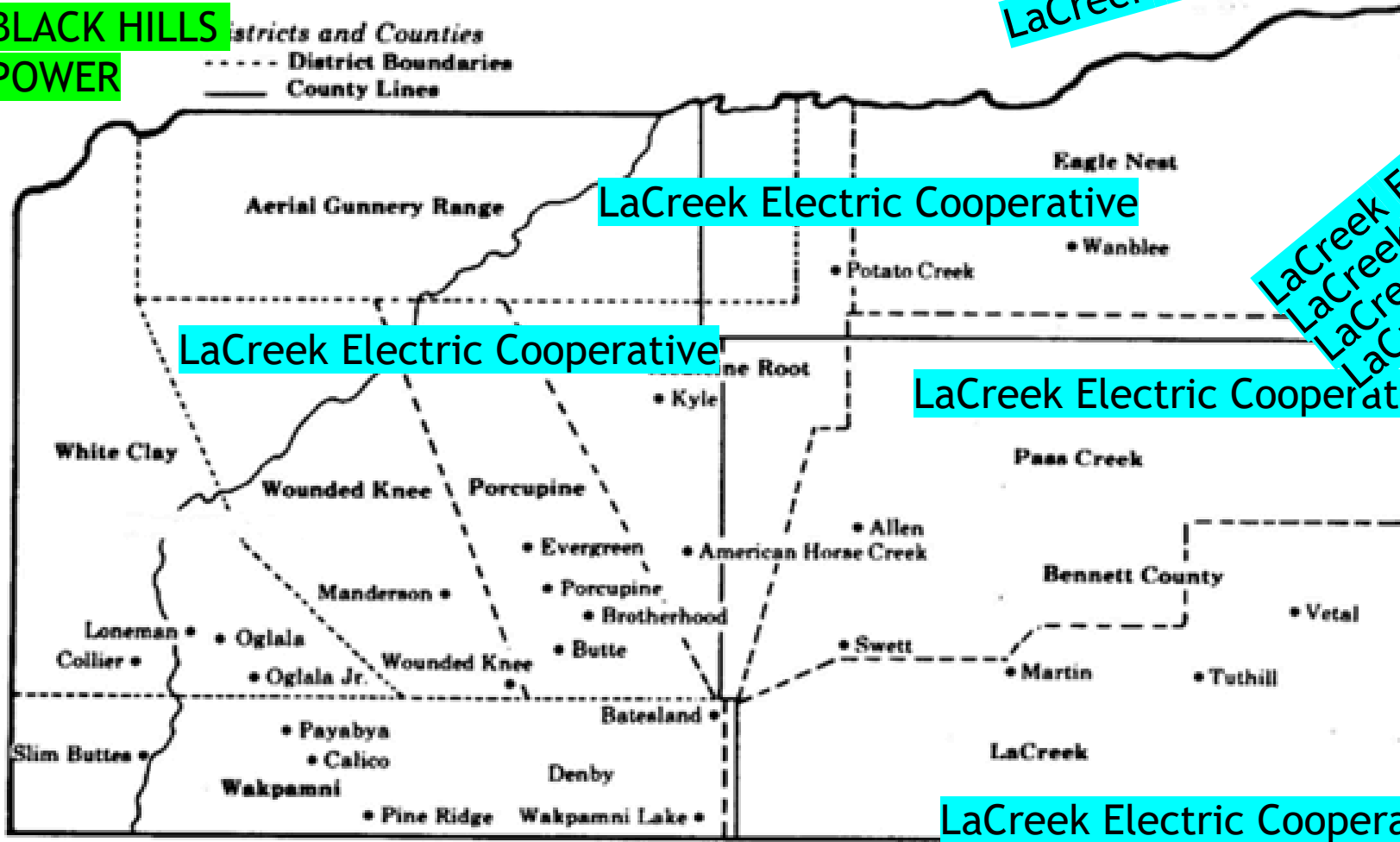


State of South Dakota



**BLACK HILLS  
POWER**

Districts and Counties  
----- District Boundaries  
———— County Lines



LaCreek Electric Cooperative

LaCreek Electric Cooperative

LaCreek Electric Cooperative

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NEBRASKA PUBLIC POWER DISTRICT

LaCreek Electric Cooperative

**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**

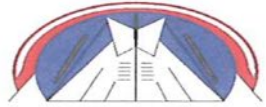
**On reservation 18,413**

**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](http://oslh.org)



**OLHA is Tribally Designated Housing Entity**

**of the**

**Oglala Sioux Tribe**

**Mrs. Janelle Price, CEO of OLHA**

“  
**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 IHBG 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**

**18 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 7 HUD VASH Houses and 1 Rural Innovation Fund Homes in 2020 by GRID Alternatives and installation of solar panels on the OLHA Admin Office i.e. The Johnson Holy Rock Building**

The background features abstract, overlapping geometric shapes in various shades of pink and purple, creating a modern, layered effect. The shapes are primarily triangles and polygons, some with soft gradients and others with solid colors. The overall composition is clean and professional.

# 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, 7) 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

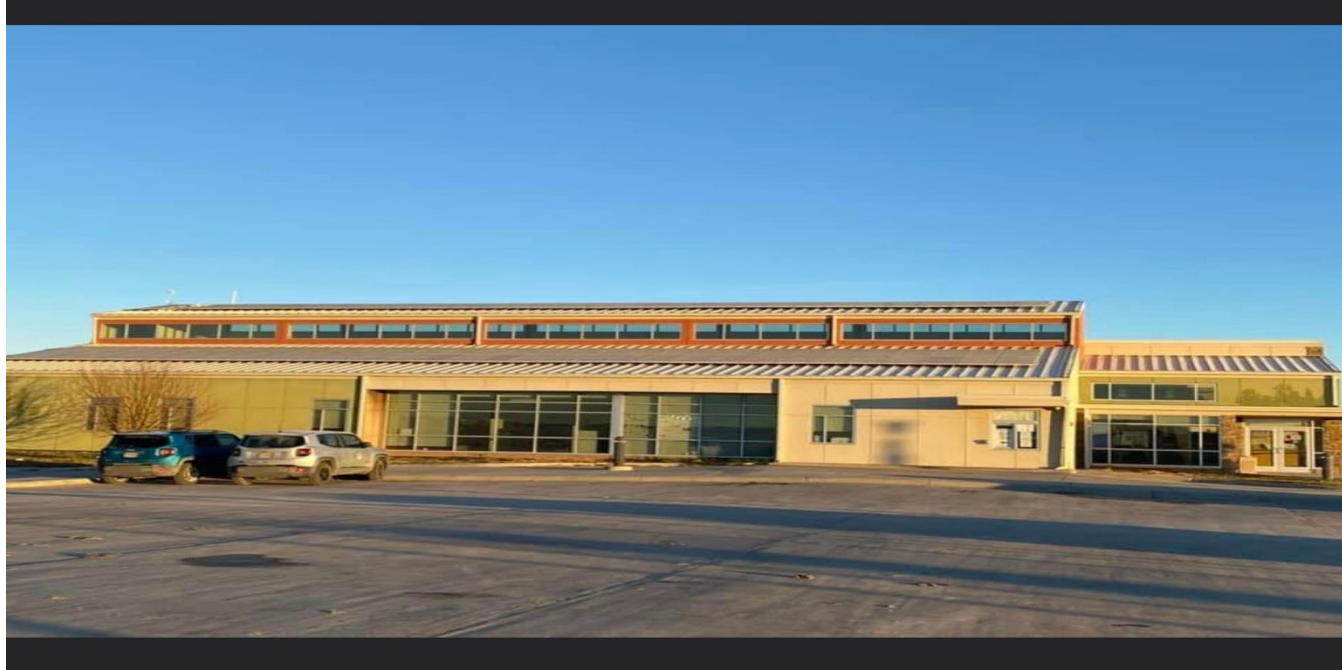
- ▶ **Oglala Sioux Tribe**
- ▶ **Oglala Sioux (Lakota) Housing**
- ▶ **Nebraska Public Power District**
- ▶ **GRID Alternatives**
- ▶ **Tribal Solar Accelerator Fund**
- ▶ **HUD**



# Project Status and Accomplishments

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

# Johnson Holy Rock Building





# Pictures



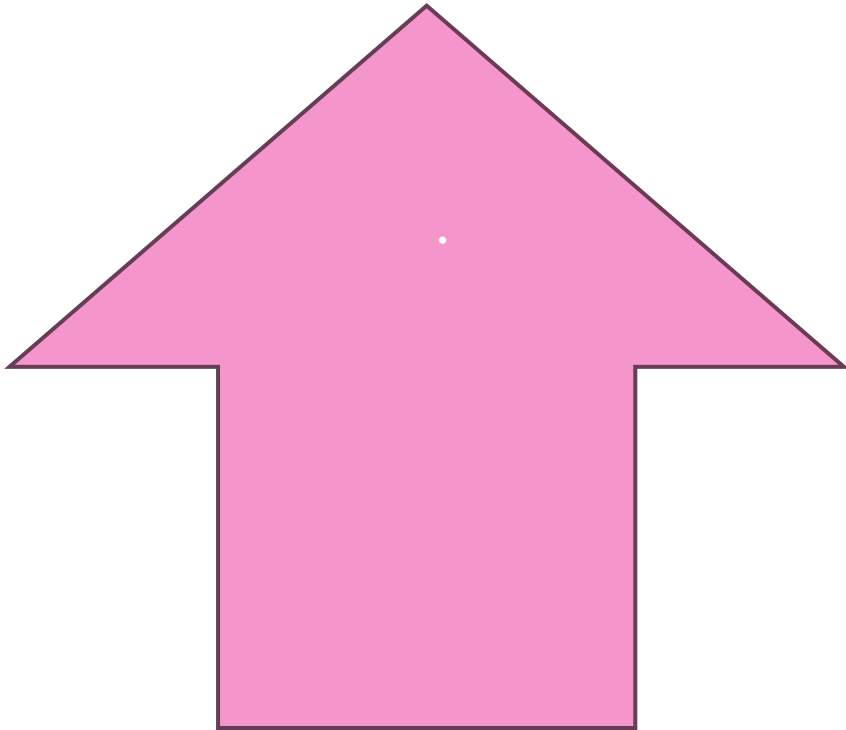
# COHEN Memorial Home - 22 one-room dwelling units, set to receive solar array with Omaste Nupa



USDA 515 Governors units 12 two-bedroom SDHDA Gov units. Each unit have received full renovation with a combo of ICDBG and ARP Funds including new roofs. Units to receive roof top solar units in the Omaste Nupa project.



Wakpamni Maintenance Building to receive roof top solar panels. Building constructed with IHBG-CARES funds.



# Activities yet to be completed

- ▶ **Submit Quartey Reports to DOE**
- ▶ **Plan development with GRID Alternative**
- *Seek out other Pine Ridge Programs that may want experience and involvement with renewable energy/solar. Oglala College, LAKOTA FUND, Local CDC-Community Development Corporations.*
- *Locate lodging for Grid Employees and possible interns.*
- *Educate and prepare tenants of upcoming solar panel insulation.*
- ▶ **Start Oglala Omaste Nupa spring 2025**



# Oglala Lakota Housing Authority

## Oglala Omaste Nunpa

### A. PROJECT SUMMARY

- ▶ Oglala Lakota Housing Authority (OLHA) will be partnering with GRID Alternatives to install solar for 28 buildings on the Pine Ridge Reservation in South Dakota. This includes 13 units to be built for veterans under the HUD-VASH program, 12 USDA 515 units that are being totally renovated, the Cohen Home for elderly and disabled tenants that has 22 low-rent units, and 1 OLHA Maintenance buildings. At least 3 Oglala Sioux tribal members will be identified to participate in a paid training program during the installation and receive hands-on experience in the solar industry. The installed solar systems will total 150.495 kW-DC and produce 208,319 kWh of clean energy annually.
- ▶ The systems will save residents and OLHA an average of \$19,790 annually on energy costs and throughout their estimated 25-year lifetime. In total the systems will save the Oglala Sioux Tribe \$445,268.30 and produce 4,687,035 kWh of clean energy. The project aligns with energy goals of OLHA and the Oglala Sioux Tribe to reduce energy costs for low rent tenants and to reduce carbon footprint in line with Lakota values.

# Involvement in other solar projects.

OLHA & OST have been selected to participate in Indigenized Energy's EPA Community Change Grant (CCG)/ Pollution Reduction Grant.

Pine Ridge is one of 14 tribes selected to participate in the grant.

Plans are to install solar panels on 100 plus homes on the Pine Ridge Indian Reservation.

Indigenized Energy requested that the 14 tribes select a home for seed project this was a pilot project to gain an understanding of cost, logistics and the relationship with the local power providers.

October 31, 2024, Indigenized Energy, Solar For All, Red Cloud Renewable and OLHA finished the installation on one of OLHA's Lakota Property Management Units in Porcupine SD. November 1, 2024, the solar install came online.

# Oglala Lakota Housing Authority

## Oglala Omaste Nunpa

- ▶ Oglala Omaste Nupa is currently taking place is the Pine Ridge Village i.e. Pine Ridge Town due to the energy provider Nebraska Public Power District that participates in NET METERING. The state of Nebraska participates in Net Metering, but South Dakota is not a net metering state.
- ▶ Across the state of South Dakota there are tribal members that have gained a seat on the state legislator, with education and positive reinforcement of these tribal solar projects the possibility of SD becoming a net metering state becomes a reality.
- ▶ Fossil Fuels usage and other carbon products need to become a vestige of the past if we are to salvage the world for the wichowichage- future generations. It was reported that the summer 2024 was the hottest year on recorded.

**Wopila yelo!!!**

# Toksa Ake

