

# RED CLOUD RENEWABLE ENERGY CENTER



*A Native American  
Renewable Energy Training Facility*

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## ***Red Cloud Renewable Energy Center (RCREC)***

**A ten acre training and demonstration facility for Native Americans on the Pine Ridge Reservation in South Dakota that provides support for tribal renewable energy *projects* and provides green job *training* in the heart of Indian Country.**

**We are on the leading edge in assisting Native communities become energy independent through clean renewable energy and sustainable building.**

**Come join us in this  
*new way to honor the old ways***



**RCREC is managed by the Native American controlled 501 (c)(3) non-profit organization, *Red Cloud Renewable* under the direction of Lakota tribal member, Henry Red Cloud. It is also the home of his business *Lakota Solar Enterprises*, which provides workforce support, as well as technical and management assistance to tribal communities who are developing solar and other renewable energy and sustainable building projects.**



# Renewable Energy & Sustainable Building

Red Cloud Renewable has provided many types and levels of training for tribal members from more than 50 tribes - from our hands-on solar PV and solar furnace workshops and installations to our professional *Tribal Train the Trainer* (T4) Program that leads to national NABCEP testing and certification.

Whether adding to your skills, wanting to start your own solar business or looking for a career in renewable energy, Red Cloud Renewable has workshops and personalized training that will give you the green job and business skills you need to succeed!

We are also developing affordable and sustainable home construction techniques that will help our tribal communities address the critical housing shortage that exists on many reservations.

*Come see our compressed earth block (CEB) and foam-crete construction projects!*



## Sacred Earth Lodge

Located just minutes away from Pine Ridge Village, *Sacred Earth Lodge* is a one-of-a-kind eco-friendly space for groups who are visiting or working on the Pine Ridge Reservation. It provides affordable dormitory lodging for groups, but is also a great Lakota venue for workshops and meetings.

### Sacred Earth Lodge Amenities

- Two dormitory rooms - each with 5 bunk beds (20 total beds)
- One smaller dormitory room (3 single beds)
- Women's and men's restrooms and showers
- Dining area for up to 35 people
- Community kitchen - can feed 100 people
- Classroom and social area
- Laundry area



# Green Job Training



RCREC is a hub for green job training in Indian Country where tribal members from across the country receive training in a wide spectrum of renewable energy and sustainable building applications from fellow Native Americans.

We also provide workshops, internships and mentoring aimed at building confidence and learning how to start your own solar business and manage projects.

Red Cloud Renewable can provide a skilled workforce and management capability to directly assist tribes develop and manage significant renewable energy projects.

Courses we have offered include:

- Solar Electric with NABCEP certification
- Residential Solar Air Heating
- Solar Water Heaters and Pumps
- Solar Radiant Floor Heating
- Food Preservation
- Building with Compressed Earth Blocks
- Green Business Development
- Small Wind Turbines
- Solar Water Pumping for Small Farms

*We offer hope, but also teach the practical steps necessary to build a future that goes beyond survival and into long-term success.*

*Henry Red Cloud*

## Solar Warrior Farm

Solar Warrior Farm grows a wide variety of native and heirloom fruits and vegetables. It is a living showcase that Native Americans can visit and learn from and we provide a variety of workshops throughout the growing season.

The harvest is used by the resident families and also offered to Pine Ridge residents in need, often at the local Diabetes Clinic.

The Farm is also developing a *Lakota Forage Foods Program*, in which new generations of Native Americans will learn about traditional foods and medicinal plants. Berries, seeds, and edible roots can all be foraged while also providing habitat for birds and other animals of the prairie.

