

# Yerington Paiute Tribe

## Building Organization Capacity for Renewable Energy Projects

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***Presented by: Justin Whitesides***  
***Environmental Director***

# Yerington Paiute Tribe

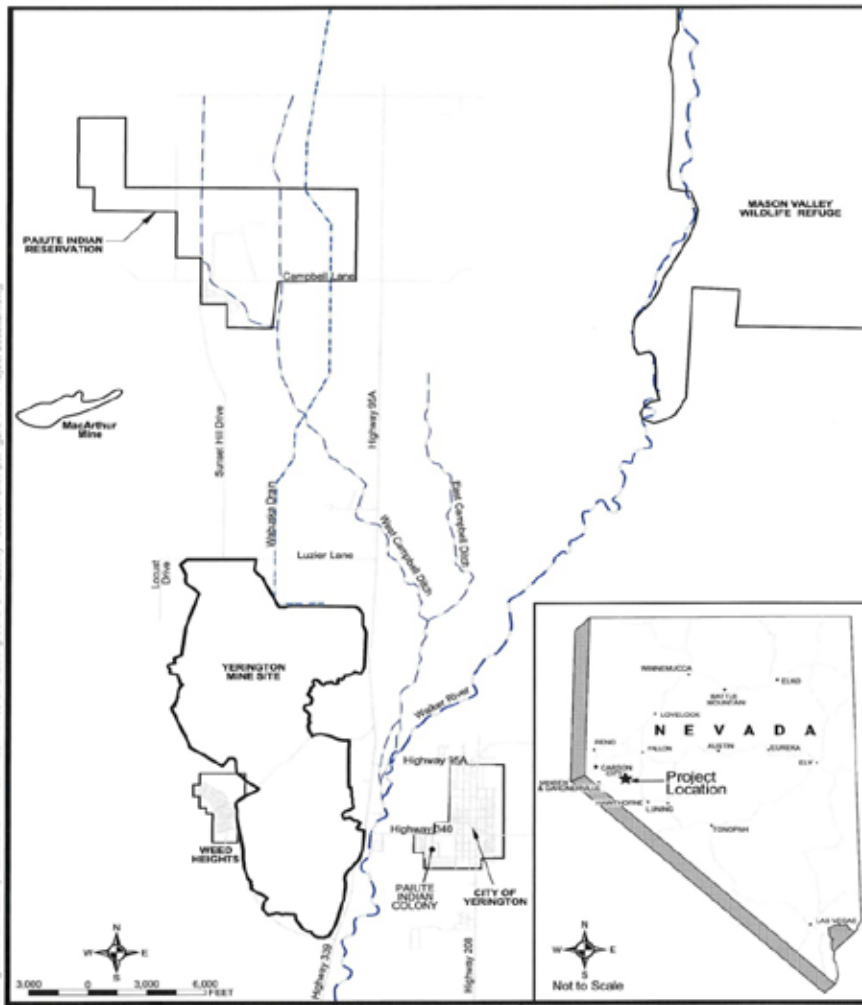
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- Northern Paiutes
- Gained Federal Recognition 1934
- Land Base approx 1,653 acres
- Famous Historical Figure

*Wovoka- Founder Ghost Dance*

# Yerington Paiute Tribe Demographics

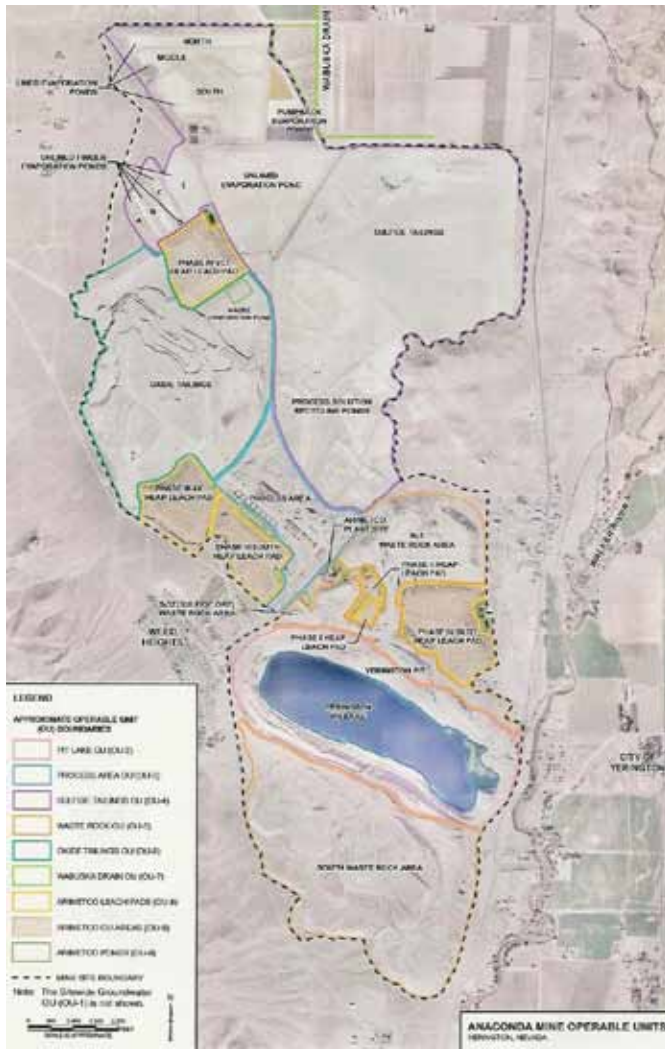


**Located in**  
*Yerington, Nevada*  
*Lyon County*

**Population**  
*~1200 Enrolled*  
*575 Tribal Members*  
*400 Reservation*  
*175 Colony*

**Unemployment**  
*~40%*

# Yerington Anaconda Mine Site



## Basic Info

- *3,500 acres*
- *8 Operable Units*
- *CERCLA 106 Superfund Site*
- *Beyond Petroleum responsible party*
- *Plume of contamination ~3 miles north of site*
- *Tribal Reservation ~2.5 miles north of site*

# Steps Already Taken



- Developed recycling program
  - Serve the adjacent city of Yerington*
  - Expanded to collect CFL's/batteries*
- Going Paperless
  - Followed Paper Reduction Act*
  - Digitized*
  - Cost savings per year ~\$15,000*
- Energy Audits
  - Initiated by my office RCAC*
  - Taken over by housing*
- Weatherization
  - Component of housing*
- Adopted Green Building Codes
  - Component of housing*



# Black Rock Solar



- Nonprofit 501C3
- NV Energy Rebate funded
- Use economies of scale
  - economies of labor*
  - improved buying power*
- Provide local training
  - Paid apprenticeship*
  - Hands on*
  - Classroom training*
- Pictograph Installations
  - increase awareness*
  - educational opportunity*

# Reservation Solar Installations



## Completed Installation

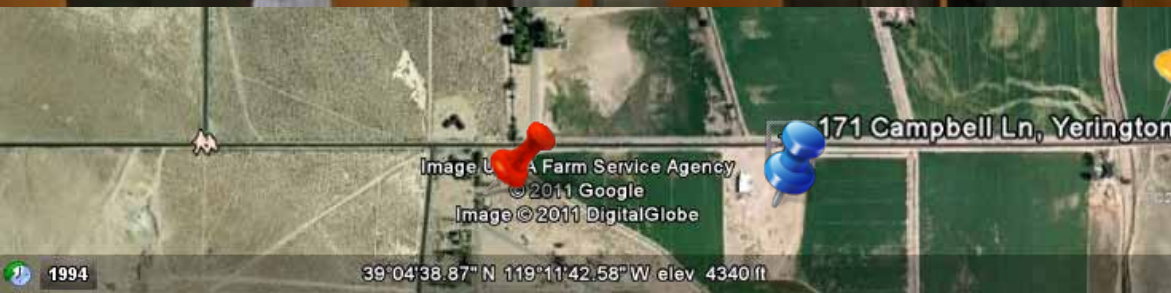
- **Commodities**  
~15KW
- **Health Clinic**  
~40KW
- **Administration**  
~35KW

## Pending Installation

- **Water Treatment Plant**  
~30KW
- **Rite Of Passage**  
~50KW

## Future Installation

- **Tribal Gas Station**
- **Irrigation Pump**
- **Community Center**



# Colony Solar Installations



## Completed Installation

- Elder Complex  
~16KW

## Pending Installation

- None

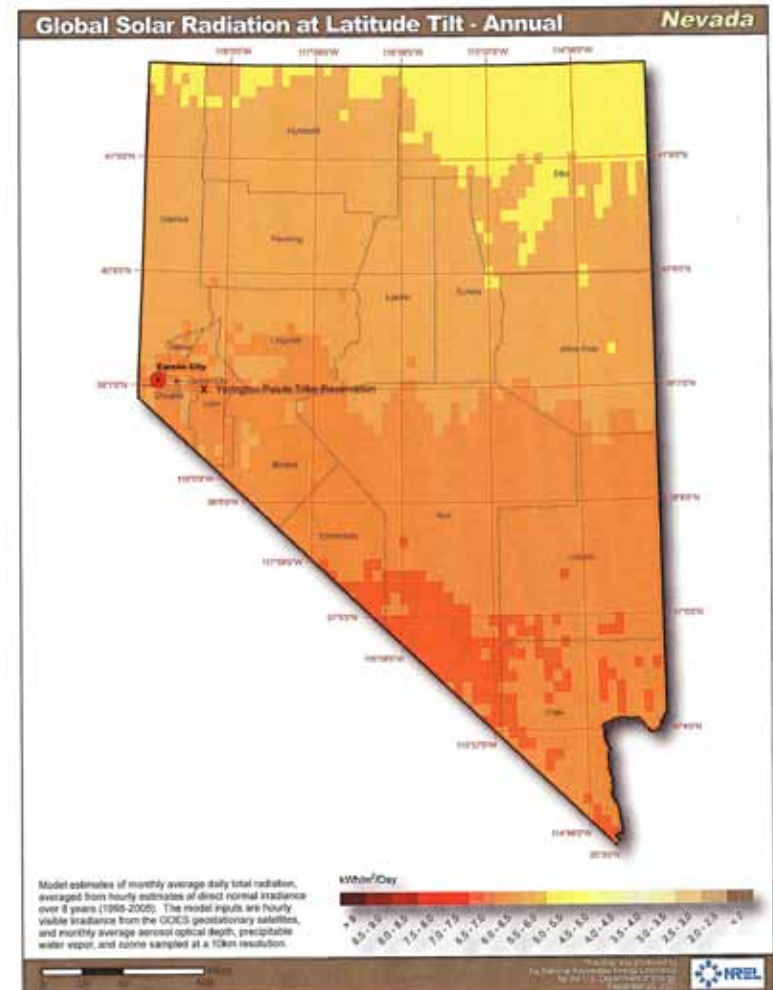
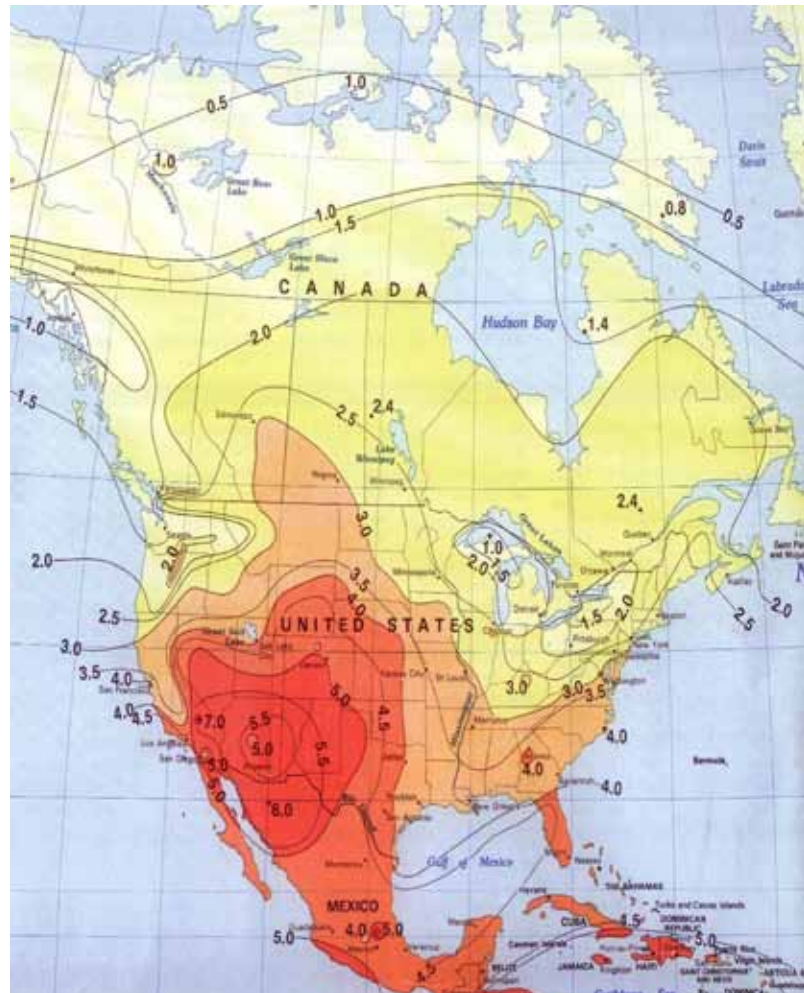
## Future Installation

- Smoke Shop

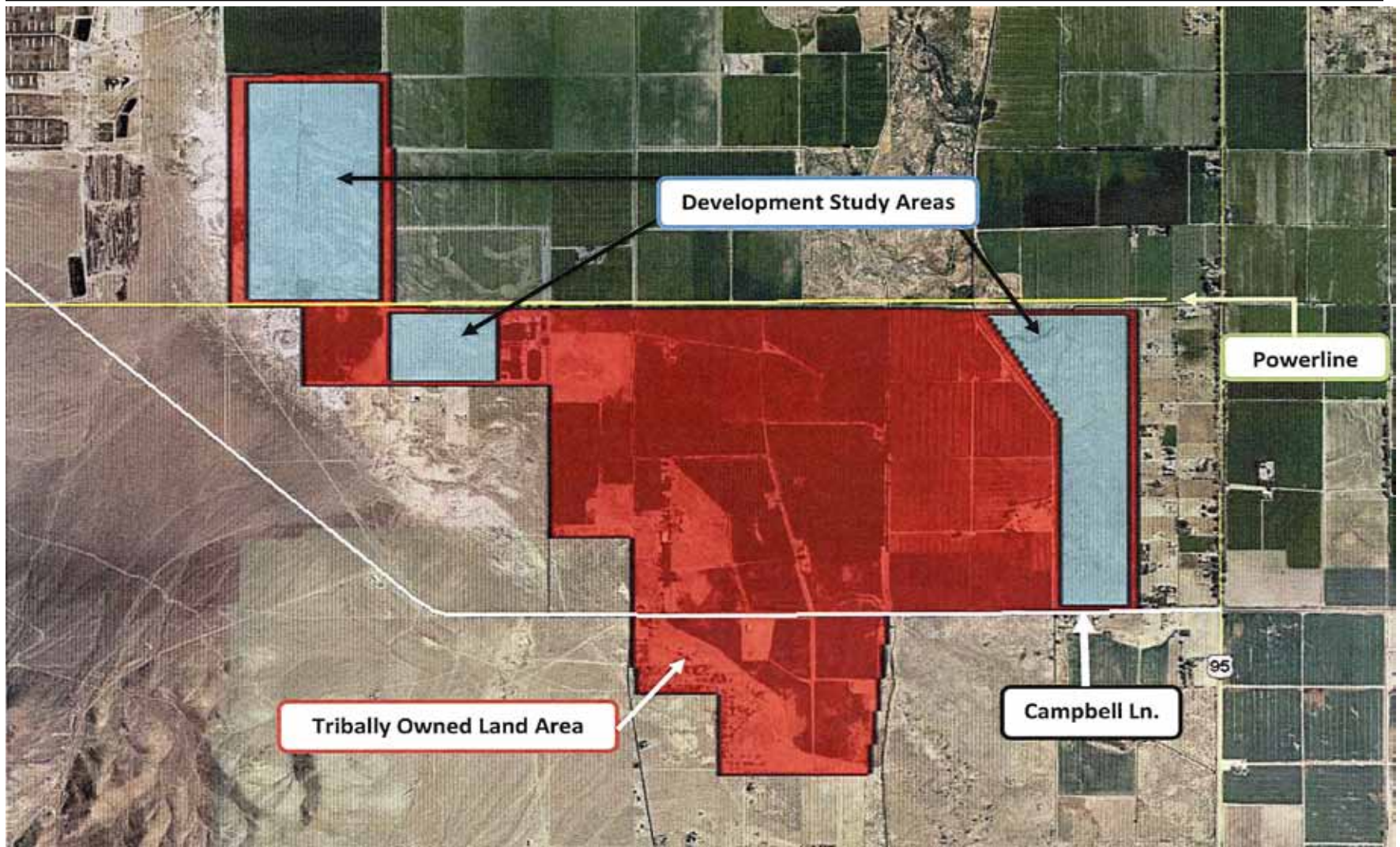




# NREL Annual Solar Radiation Map



# Development Study Area



# DOE First Steps Grant

*Building Organizational Capacity for Renewable Energy Projects*

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## Phase 1

- *Project Initiation*

*Tribal Council, Community, Stakeholder Buy In*

## Phase 2

- *Data collection and analysis*

*Data mining...which model will work in the best interest for the Tribe?*

## Phase 3

- *Design*

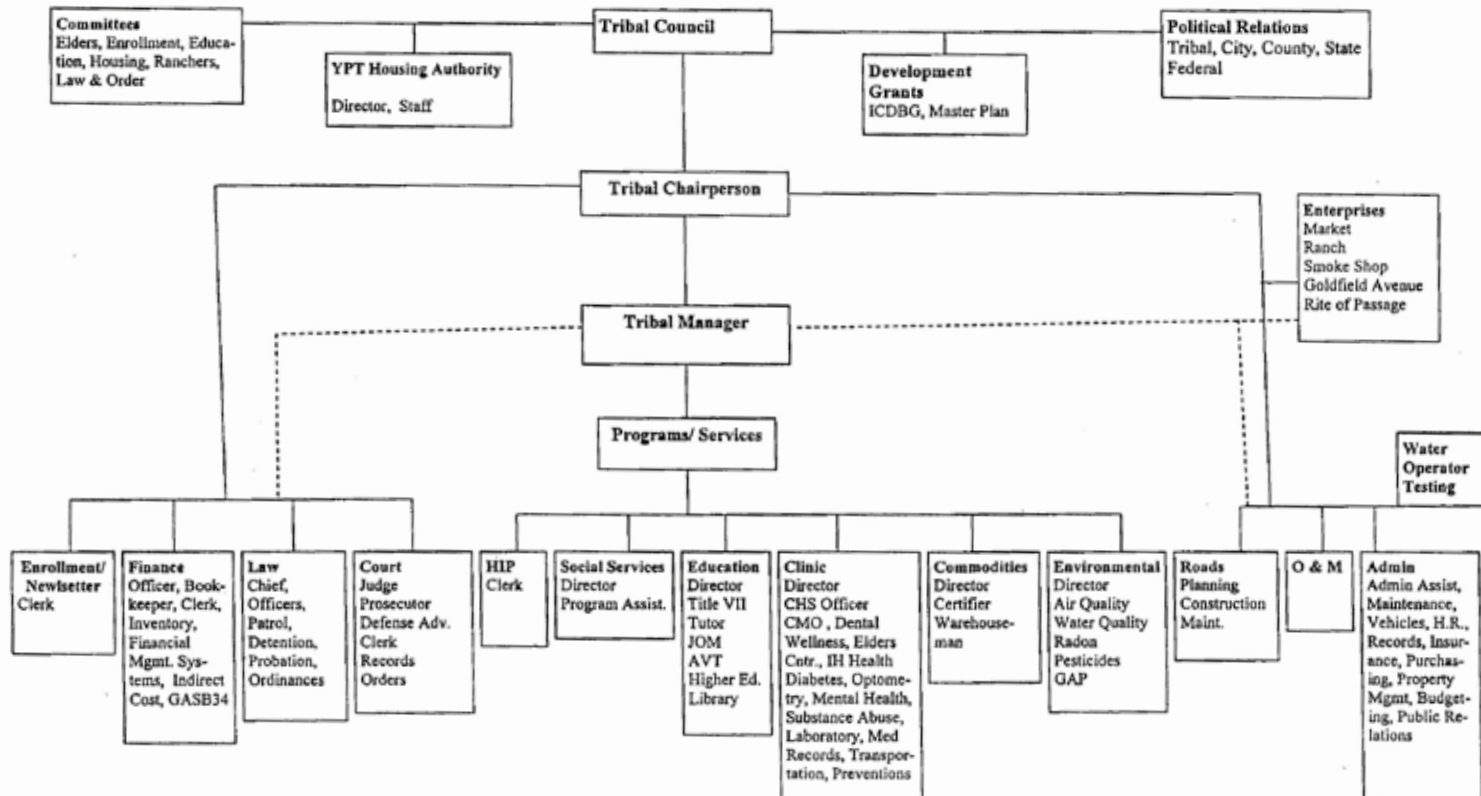
*Outreach to those involved by including transparency in design*

## Phase 4

- *Implementation*

*Implement the energy planning committee*

# Organizational Chart



# Project Staff

## APPLICANT IDENTIFIER



**Yerington Paiute Tribe**  
171 Campbell Lane  
Yerington, NV 89447



## CONTACT INFORMATION

**PROJECT STAFF**  
to be hired  
Energy Planner

Yerington Paiute Tribe  
603 West Bridge Street  
Yerington, NV 89447  
(775) 463-7866  
(775) 463-7697 fax

[energyplannaer@ypt-nsn.gov](mailto:energyplannaer@ypt-nsn.gov)

**BUSINESS CONTACT**  
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Tribal Manager

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**TECHNICAL CONTACT**  
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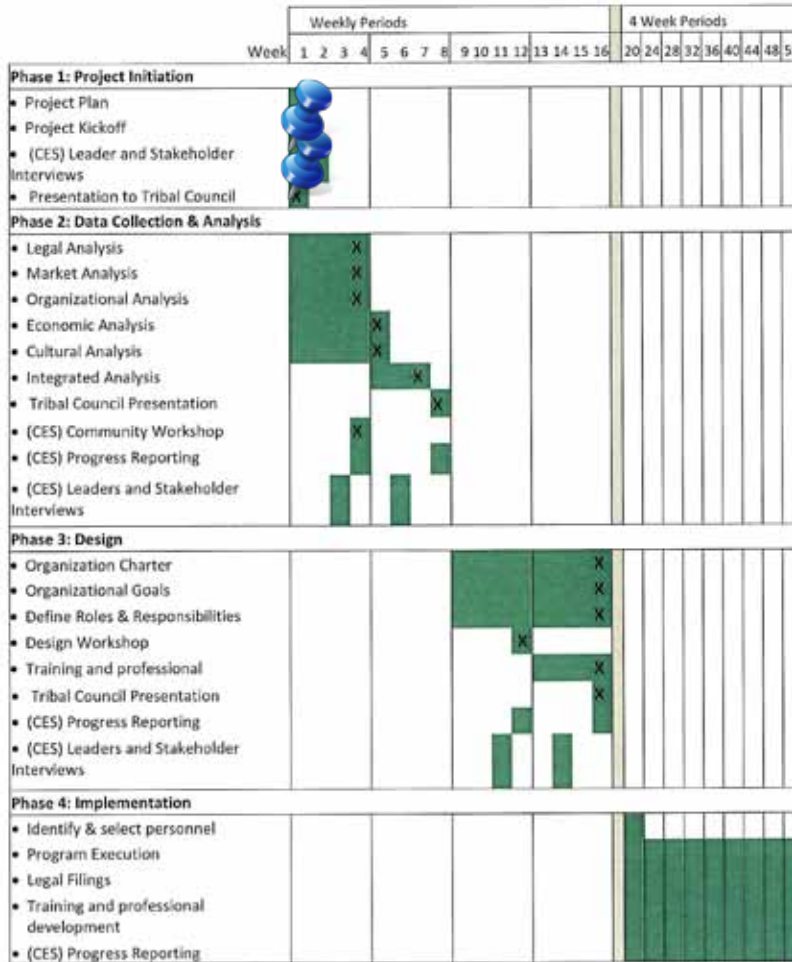
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## CONTRACTOR CONTACT INFORMATION

**DEVELOPMENT PARTNER**  
CleanPath Renewables  
241 Ridge Street, Suite 210  
Reno, NV 89501

# Timeline



■ project activity    X milestone

## Project Period

10/01/11-01/01/13

## Progress

Behind one month

## Where we stand?

- Securing Contractor
- Hiring Energy Planner



## What's Next?

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- Feasibility Study
- Engineering and Design
- Negotiating PPA
- Construction & Implementation
- Training and Upkeep

# QUESTIONS?

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