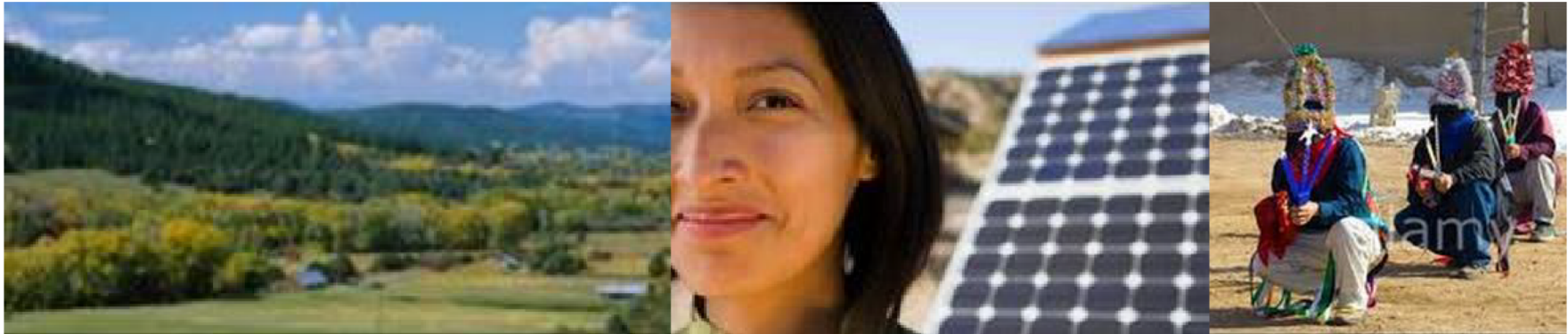


## Pueblo of Picuris - 1 Megawatt Community-Scale Solar Array

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## About Picuris Pueblo

Picuris Pueblo currently has 306 members and 86 homes. Our traditional way of life starts with respect of the land and nature , our natural resource, everyday life consist of farming, hunting, providing for our families and honoring our culture by practicing traditions and beliefs as our ancestors did before us. The Current Governor is Craig Quanchello and the Lt. Governor is Wayne Yazza along with six (6) other tribal councilmen.

Picuris pueblo is nestled in a setting of serene beauty in what is known as the "hidden valley" of the Sangre de Cristo Mountains on Northern New Mexico. Its located 60 miles north of Santa Fe, and 24 miles southeast of Taos on scenic highways 75 & 76.

Our tranquil village rests along the banks of the Rio Pueblo river, which nourishes the evergreens, cottonwoods, aspens, grasses and flowers that blanket our valley and surrounding mountains. The scenic beauty is unsurpassed in New Mexico, the Land of Enchantment.

# Tribal Considerations

- **Traditional Values of the Tribe and its on-going relationship to Mother Earth**
- **Self Determination**
- **Remove its dependency on Third Party Utility Infrastructure**
- **Protect itself from External Threats:**
  - **Wild Fires that may impact Utility Grid**
  - **Cybersecurity Concerns**
  - **Terrorism**
- **Decrease the overall cost of electricity**

# LOCATION OF PUEBLO OF PICURIS









## PUEBLO OF PICURIS TRIBAL COUNCIL - 2018



# Picuris Pueblos Past Projects

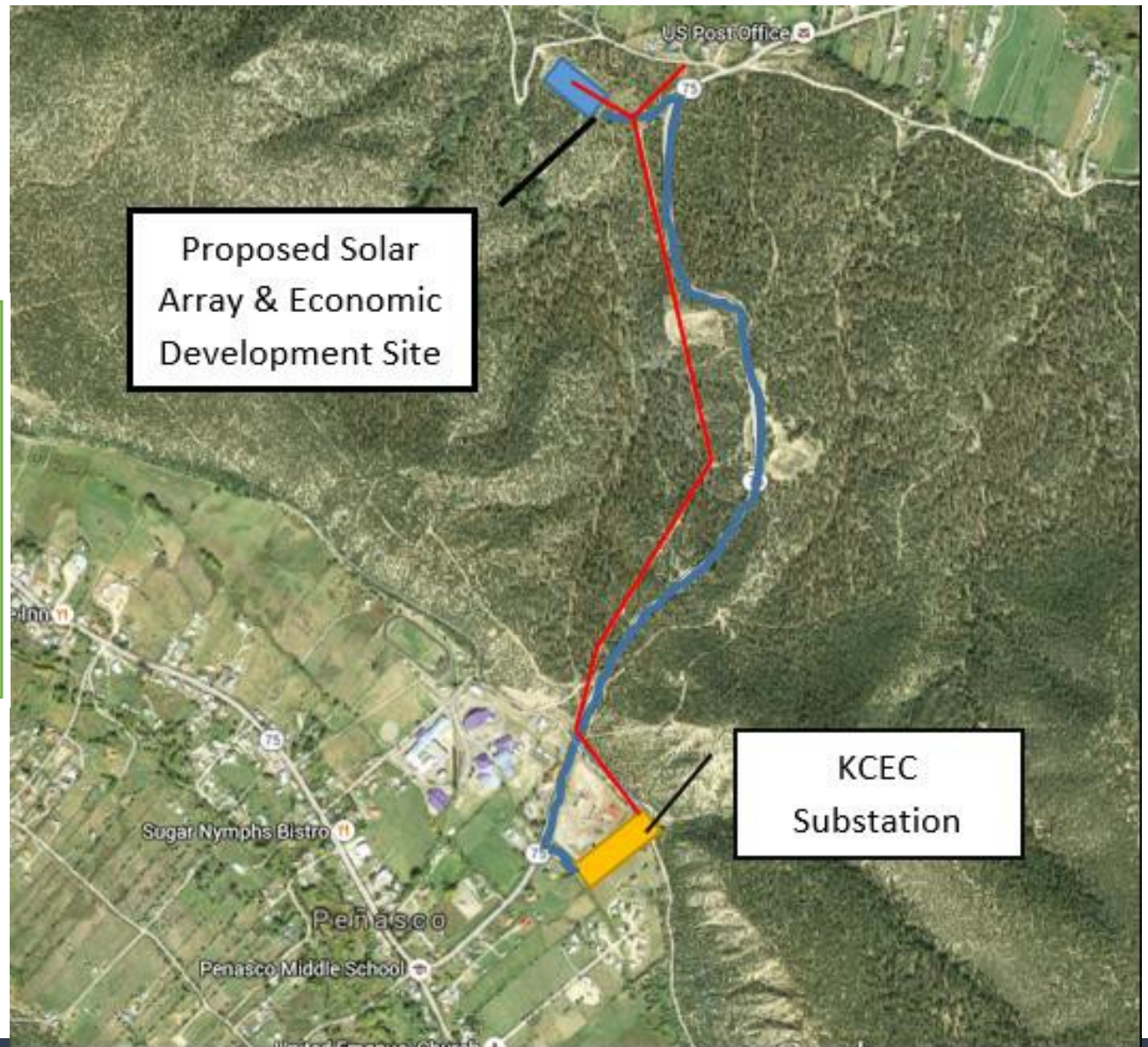
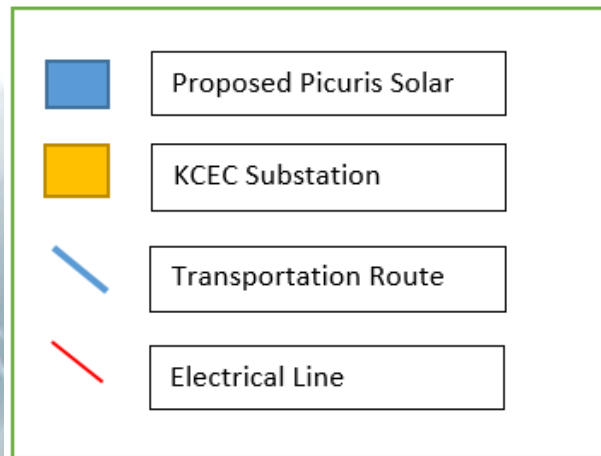
## Solar Powered Fire Station – First Net-Zero Building in NM





# Picuris Pueblo

## SOLAR SITE PLAN





# Solar Array Site



# Picuris Project

- **10 Acre Project Site**
- **Picuris Pueblo Energy Plan - Tribal Support**
- **Bureau of Indian Affairs- “Start-Up” Grant**
- **Dept of Energy –”Clean Energy & Efficiency Projects on Indian Lands” Grant**
- **Hillcrest Bank - Conventional Loan to Tribe**
- **Kit Carson Electric Coop- Power Purchase Agreement**



# Tribal Community Energy Assessment

- Tribal Households – Electricity Usage/Cost
- Tribal Buildings – Electricity Usage/Cost
- Economic Development Buildings:
  - Casino
  - C Store
  - Manufacturing
  - Data Farms
    - Consistent power with minimal outages
    - Efficient cooling standards
    - Constant internet connectivity

# Relationship with Utility Company

- **Power Purchase Agreement**
  - **Principal Agreement that defines the Revenue from the generation of electricity and is thus a key instrument of project finance.**
- **Cost of Electricity**
  - **If tribal community is connected to the Grid owned by the local Utility, you are normally charged a regulated fee (PRC) similar to others in area.**
- **Ownership of lines into buildings/homes**
- **Right of Way Issues**



## *Progress of Construction*





## *Completed 1MW Array*





## COMPLETED SOLAR ARRAY

roughly 600 homes, or about one-third of all homes in the sur-

cally draw on its own electricity reserves.

told *The Taos News* the overwhelming dryness of the winter

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