

San Diego State University and Torres Martinez Desert Cahuilla Indians Collaboration for Energy Sovereignty



Team: San Diego State University, Torres Martinez Desert Cahuilla Indians, & Cleantech San Diego – Southern California Energy Innovation Network

- Torres Martinez is a federally recognized sovereign tribe located near the north end of the Salton Sea.
- Checkerboard composition of the Torres Martinez tribal lands creates costly challenges associated with energy transmission & distribution and residents experience frequent power outages in a region that regularly reaches up to 120°F.
- SDSU is a partner organization in the California Energy Commission funded Southern California Energy Innovation Network (SCEIN), which is led by Cleantech San Deigo, a new partner in this phase.
- SCEIN supports companies across 5 technology areas: renewable energy generation, clean transportation, smart grid & energy services, energy efficiency, and energy storage.
- Based on community engagement during the Embark Phase, the team will focus on performing microgrid planning and analysis with technology assessments, system configurations, and use case scenarios necessary to achieve tribal energy & water sovereignty.



Torres Martinez tribal land map

Renewable Energy Generation		Clean Transportation	Smart Grid & Energy Services
Energy Efficiency		Energy Storage	

SoCal Energy Innovation Network