

# SKIP THE GRID

## SOLAR POWERED REFRIGERATION AT THE NAVAJO NATION

### Abstract

*This senior project aims to investigate the impacts of installing eleven off-grid solar energy systems for families within the Navajo Nation. This installation was part of a combined effort of Cal Poly San Luis Obispo students along with company sponsors Solv Energy, Dometic USA, and Goal Zero, facilitated through the non-profit, Heart of America. The project aimed to improve access to clean, affordable, and reliable energy for people of the Navajo Nation to improve quality of life. Findings from the pilot project implementation are presented. With this, Recommendations and discussion on the performance and feasibility of this multi-year effort are presented from a project management perspective.*

Solar Energy | Energy Inequity | Off-Grid Construction | Native American Studies | Lean Construction | Interdisciplinary Projects | Integrated Project Delivery



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