



Team Name: Watts on Water (WoW)
Project City and State: El Centro, CA
Submission Title: Floating PV: Community Energy/Water/Land Security!

Organization Overview

Mission

WoW's community mission is to:

- Provide renewable solar energy
- Protect valuable community land
- Preserve critical water resources

Background

WoW was founded in 2023 with a vision of increasing the use of water co-located solar for our energy needs, because of the amazing benefits the technology has over traditional solar, especially for underserved rural communities.

Project Overview

Imperial County is home to 7 towns with a water treatment plant and community center.

In community centers we hope to host informational forums on the benefits and logistics of renewable energy projects.

Working with water treatment facilities we hope to study, design, and develop a floating solar and energy storage system.

By pairing these two, we will foster community knowledge and support of this innovative technology that could cut high electricity and water rates.

Key Benefits

1. **Provide Education and Training:** This will help maintain employment security as we transition away from fossil fuels.
2. **Community and local offices collaboration:** Working together on water saving and energy generating initiatives.
3. **Renewable energy without land loss:** Land has value to the community, such as agriculture or housing, aquavoltaics doesn't require any land!
4. **Water Security:** Ensures that water evaporation is stopped, and water resources are maintained and seen as valuable.

