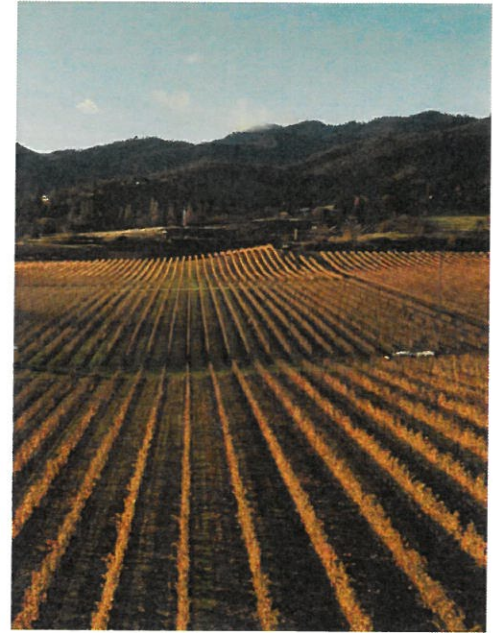


Medford Irrigation District Floating Solar



IRRIGATION COMMUNITY	Medford Irrigation District
LOCATION	Jackson County, OR
PROJECT COST	\$3.8M
YEAR COMPLETED	Expected 2025



OVERVIEW

This project will install a 0.8 MW community solar system on a reregulation reservoir owned by the Medford Irrigation District, making it Oregon's first floating solar installation. The system will generate approximately 2 million kWh of renewable electricity annually, providing low-cost, locally produced energy for Southern Oregon. Under Oregon's Community Solar Program, 50% of the project's output will be allocated to Jackson County residents, with 10% reserved for low-income households receiving a 50% discount. The remaining 50% will be available to local businesses. In addition to generating clean energy, the floating solar panels will help reduce reservoir evaporation, limit algae and aquatic weed growth, and improve water supply reliability for agriculture.

PROJECTED BENEFITS

BEFORE

AFTER



Reservoir evaporation reduces agricultural water supplies, and algal growth contributes to increased operations costs and decreased agricultural water quality

- ♦ Reduced reservoir evaporation, reduced algal growth, reduced operations costs, and improved water quality



Irrigation districts, agricultural producers, and the surrounding community purchase market-rate electricity

- ♦ Low-cost, locally produced, renewable energy offered to Jackson County Residents, and local businesses
- ♦ Up to a 50% reduction in electric utility bills for project subscribers
- ♦ 20 low-income homes powered with low-cost, locally produced, renewable energy



Limited revenue sources for irrigation district operations

- ♦ Approximately \$76,000 in annual revenue from energy generation to support irrigation district operations