

# PROTECT OUR CHILDREN

## SAVE SWEETWATER RESERVOIR

### COMMUNITY CALL FOR ACTION!



**SAY NO!  
STOP THE  
PROPOSED  
FLOATING  
SOLAR FARM**

#### **THIS IS NOT SAFE OVER OUR DRINKING WATER SUPPLY!**

Sweetwater Authority wants to build a floating solar farm over our drinking water supply.

This system would introduce new contaminants into our drinking water supply including PFAS, the forever chemical, which have been linked to cancer.

Roosting birds, rodents, and other pest feces will accumulate on the panels causing bacteria, viruses and disease to enter the water.

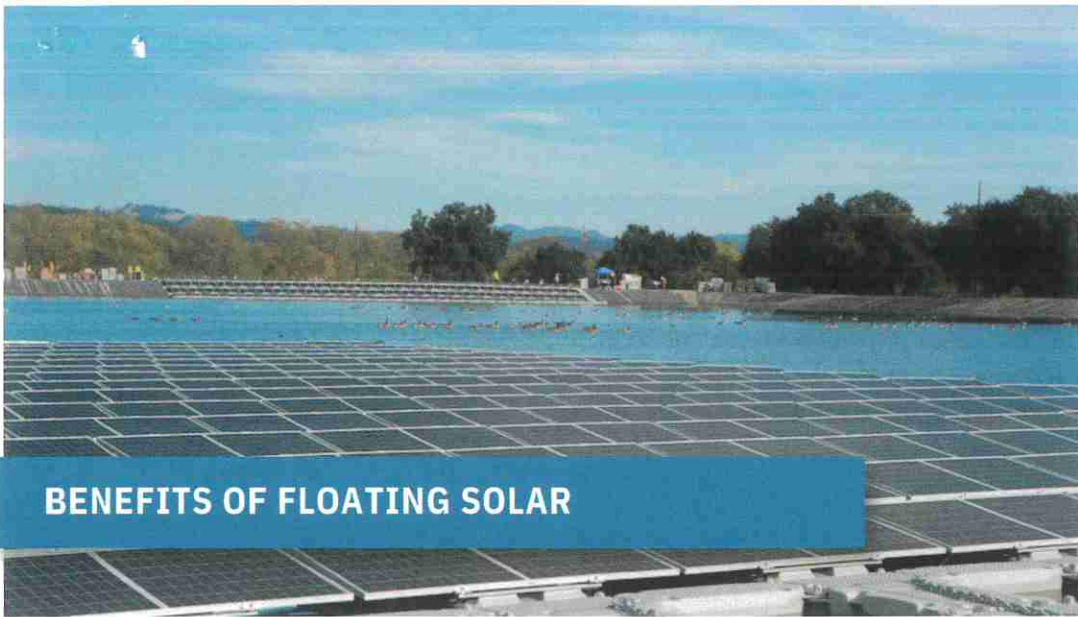
A better and more cost effective place for a this solar farm is on available land.

**SWEETWATER RATE PAYERS DESERVE BETTER!!!!**

To learn more and sign our petition, Scan here.



[www.savesweetwaterreservoir.org](http://www.savesweetwaterreservoir.org)



## BENEFITS OF FLOATING SOLAR



Floating solar has numerous advantages, including:

- Evaporation reduction
- Reduction of algae growth
- Local clean energy generation

### MAXIMIZING ASSETS TO GENERATE RENEWABLE ENERGY & KEEP WATER RATES LOW

Sweetwater Authority (Authority) is exploring the potential benefits of innovative floating solar technology on Sweetwater Reservoir, located in southeast San Diego County. The 700 acre terminal reservoir has the capacity to store 28,100 acre-feet of water before it is treated at the adjacent Robert A. Perdue Water Treatment Facility and distributed to the Authority’s approximately 200,000 customers.

By utilizing Sweetwater Reservoir’s surface area for floating photovoltaics (FPVs), the reservoir has the potential to provide enough space to generate 80 MW of clean renewable energy annually. By partnering with the local Community Choice Aggregator (CCA) San Diego Community Power, the Authority could potentially provide the CCA with enough space to produce up to 32% of its local renewable energy goals.

#### BENEFITS

28% of the reservoir is ~200 acres

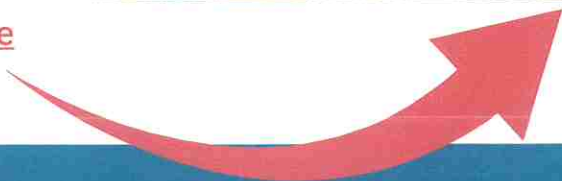
700 Surface Acres / .28 = 196 acres

Floating solar has the potential to provide a number of tangible benefits for the Authority and its customers, the local CCA, and the surrounding community. With an FPV array that covers approximately 28% of the reservoir, benefits include:

- Reduced evaporation
- Improved water quality with reduced algae growth
- Reduces costs associated with treating water
- Improved and stabilized ecological habitats for aquatic species
- Provides non-water rate revenue to fund the Authority’s Low-Income Water Rate Assistance Program
- Increased energy production due to the water’s cooling effect on the system (compared to arrays installed on land)
- Provides 32% of CCA’s required local clean energy production
- Increases renewable energy production without reducing available land
- Provides discounted electricity rates for surrounding low-income communities

**SWEETWATER AUTHORITY’S INITIAL CLAIM WAS 9.5 ACRES**

**[Click here to go to the Sweetwater Authority webpage on Floating Solar](#)**



## REPORTS AND INFORMATIONAL ITEMS

### 11. **Delayed Revenue Balance Dashboard**

### 12. **Committee Minutes**

### 13. **Financial Reports -January 2024**

### 14. **Report of Management**

General Manager Quintero reported on

- the water levels at the Sweetwater and Loveland Reservoirs;
- the upcoming Alpine Community Group meeting in Alpine on March 14; and
- Water Conservation Garden reopened its doors and is asking member agencies to provide additional short-term funds.

### 15. **Report of Representatives to the San Diego County Water Authority**

Director Yamane had no report.

Director Castaneda reported on how the fixed costs are apportioned to member agencies, including using a 7-year rolling average of agency use.

### **Reports by Directors on Events Attended**

### 16.

#### 16.1 **SD Chapter CSDA Quarterly Meeting -February 15, 2024**

Directors Castaneda, Delgado, and Martinez provided a report.

#### 16.2 **Legislative Trip to Sacramento -February 21, 2024**

### 16.2

Directors Martinez and Yamane provided a report.

#### 16.3 **Urban Water Institute Spring Conference, Palm Springs -February 22-23, 2024**

Director Martinez provided a report.

### 17. **Directors' Comments**

Director Yamane thanked Authority staff for their attendance and support at an event in National City.

Director Martinez thanked Authority staff for their reports on Authority projects.

Director Martinez-Perez commended the Authority for hosting an employee appreciation event, announced the upcoming high school photo contest, and described various improvements in information accessibility.