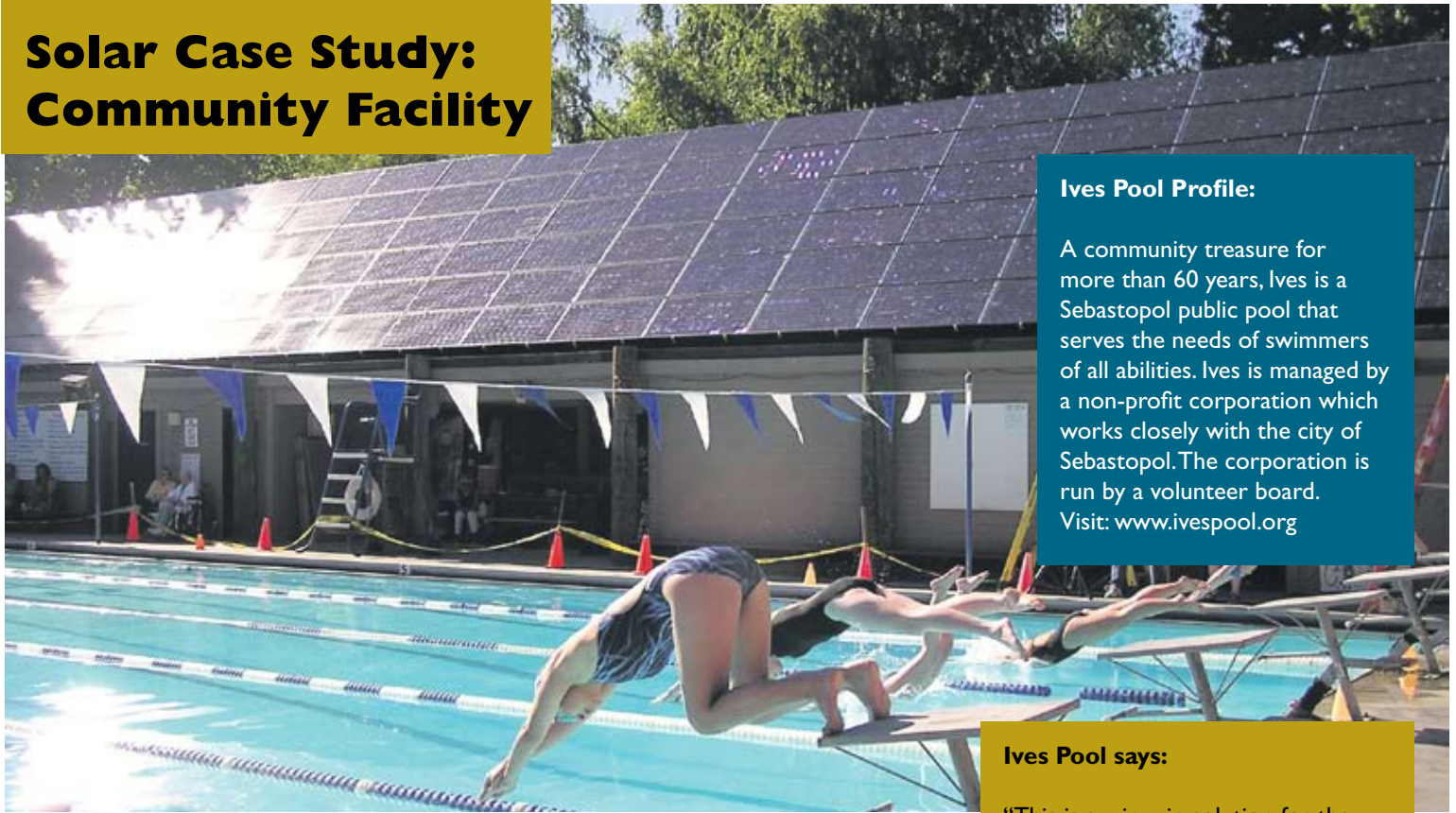


Solar Case Study: Community Facility



Ives Pool Profile:

A community treasure for more than 60 years, Ives is a Sebastopol public pool that serves the needs of swimmers of all abilities. Ives is managed by a non-profit corporation which works closely with the city of Sebastopol. The corporation is run by a volunteer board. Visit: www.ivespool.org

Ives Pool says:

"This is a win-win solution for the environment and the people of west Sonoma County," says Alan Siegle, Board President of the Western Sonoma County Swimmers.

"We are very pleased to work with the City of Sebastopol and Solar Works to ensure the long-term stability of the pool."

The Challenge: In recent years, Ives Pool has struggled financially to stay above water, particularly with rising energy costs for its array of electricity-hungry pumps.

The Solar Solution: Solar Works installed a 17-kilowatt (kW AC) grid-tied photovoltaic (PV) system that covers the south face of the pool house roof. To help pay for the solar system, the Western Sonoma County Swimmers sold sponsorships to families, swim groups, businesses and community organizations. Each donor "bought" one or more panels and was recognized by a permanent plaque at the pool.

The Results: The system produces approximately 25,000 kilowatt hours (kWh AC) each year and offsets up to 20% of the facility's electricity bill. Combined with other energy efficiency measures, the PV system saves Ives Pool more than \$12,000 annually. The system also keeps over 12 tons of CO₂ emissions out of the atmosphere every year, which is the equivalent over nine acres of fir trees storing carbon each year.

Solar Specifications

Electricity Now Supplied by Solar: up to 20%

System Size (CEC Rebate Rating): 17 kW

Solar Panels: 126 panels, nominally rated at 160 watts each

Inverters: Seven SMA Sunny Boy 2500-watt, grid-tied

Mounting System: UniRac



100% Solar Satisfaction

*Independently verified
by Diamond Certified*



707-829-8282

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