



*The Metropolitan Water District of Southern California*

# NEWS RELEASE

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**NATION'S LARGEST SOLAR-POWERED BOAT COMPETITION FEATURES  
NEARLY 700 STUDENTS ON 40 SOUTHLAND HIGH SCHOOL TEAMS**

**Three days of racing launches this Friday, May 16  
at Metropolitan Water District's 12th annual Solar Cup™**

Final preparations continue for the nation's largest solar-powered boat competition with 40 teams of high school students throughout Southern California entering the home stretch for three days of racing this weekend as part of Metropolitan Water District's Solar Cup™.

Beginning Friday (May 16), teams from high schools (see accompanying list) in Los Angeles, Orange, Riverside, San Bernardino, San Diego and Ventura counties are participating through the weekend in the 12th annual Solar Cup at Metropolitan's Lake Skinner, just north of Temecula.

About 10,000 students have participated in Solar Cup since the inaugural event launched with just eight boats in 2002. The program is a team-based educational competition that allows students to apply their skills in math, physics, engineering and communications, while learning about Southern California's water sources, resource management, conservation and alternative energy development.

"The weekend of racing culminates the students' school-year commitment to learning about alternative energy, water conservation, sustainability, engineering and teamwork," said Solar Cup coordinator Julie Miller, a state-certified teacher in Metropolitan's education programs.

"Solar Cup serves as an educational benchmark for our future workforce while students gain hands-on lessons in science, technology, engineering and environmental sciences to round out their textbook curriculum," Miller said.

The competition begins with teams being put through a series of qualifying events by Metropolitan and a technical advisory team from Harvey Mudd and Occidental colleges to ensure boats meet rules and are safe and seaworthy. Saturday, May 17, will feature single-seat, 16-foot boats outfitted with solar-collection panels in endurance races around a 1-mile course.

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Sunday is highlighted by 200-meter sprint races—in which the solar panels are removed and the boats are powered by solar energy stored in batteries. The races will be followed by an awards ceremony, with trophies awarded in veteran and rookie divisions for teams with the highest points, as well as to teams honored for “Hottest-Looking Boat,” teamwork and sportsmanship.

Races are easily visible from the lake shoreline and are open to the public from 8 a.m. to 4 p.m. with free admission and parking. Lake Skinner is at 37701 Warren Road in the Temecula Valley community of Winchester in southwest Riverside County—about 10 miles northeast of the Rancho California Road exit off Interstate 15.

Since building identical hulls last November from kits supplied by Metropolitan, students have worked nights and weekends to maximize their boats’ endurance, speed and mechanical and electrical efficiencies. Over the past few months, working with their sponsoring Metropolitan member and local agencies, they have equipped the 16-foot-long shells with solar panels, batteries, electrical systems, drive trains, propellers and rudders.

In advance of the three-day event, teams are fine-tuning their hand-built boats equipped with solar panels, motors and steering. In addition to the veterans division, Solar Cup features a rookie division for first-time teams. Teams also are divided into four regions—the Foothill, Central & Bay, Inland Empire and South Counties regions.

Winners are the teams with the highest number of points gained in the competitions, technical inspections, submission of three technical reports and creation of a public service announcement focusing on water conservation in the form of a 30- to 60-second, self-scripted and produced, conservation video or audiotape or a brochure.

Event videos and photos from past Solar Cup events can be found under Education Programs at Metropolitan’s website, [www.mwdh2o.com](http://www.mwdh2o.com).

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*The Metropolitan Water District of Southern California is a cooperative of 26 cities and water agencies serving nearly 19 million people in six counties. The district imports water from the Colorado River and Northern California to supplement local supplies, and helps its members to develop increased water conservation, recycling, storage and other resource-management programs.*

## 2014 Solar Cup™ Team List

Team/School Name	City	Member Agency Sponsor	Co-Sponsor Agency
Academia Avance	Los Angeles	Los Angeles Dept of Water & Power	
Anaheim HS	Anaheim	Anaheim Public Utilities	
Applied Technology HS	Montebello	Central Basin MWD	
Arcadia HS	Arcadia	Upper San Gabriel Valley MWD	
Arlington HS	Riverside	Western MWD	Riverside Public Utilities
Calabasas HS *	Calabasas	Las Virgenes MWD	
California Academy of Math & Science	Carson	West Basin MWD	
Canyon HS	Anaheim	Anaheim Public Utilities	
Chino HS	Chino	Inland Empire Utilities Agency	City of Chino
Compton HS	Compton	City of Compton	
David Gonzales School	Calabasas	Las Virgenes MWD	
Duarte HS / Pamela Park	Duarte	Upper San Gabriel Valley MWD	
Elsinore HS	Wildomar	Western MWD	Elsinore Valley MWD
Environmental Charter HS	Lawndale	West Basin MWD	
Franklin HS	Los Angeles	Los Angeles Dept of Water & Power	
Fremont Academy of Engineering & Design *	Pomona	Three Valleys MWD	
Ganesha HS	Pomona	Three Valleys MWD	
Glenn HS *	Norwalk	Central Basin MWD	
Hemet Unified SD Team	Hemet	Eastern MWD	Rancho California Water District
High Tech High North County	San Marcos	San Diego County Water Authority	
John Muir HS	Pasadena	Pasadena Water & Power	
La Cañada HS	La Cañada Flintridge	Foothill MWD	La Cañada Irrigation District
Laguna Beach HS	Laguna Beach	Municipal Water District of Orange County	Laguna Beach County Water District
Long Beach Poly HS	Long Beach	Long Beach Water Department	
Los Osos HS	Rancho Cucamonga	Inland Empire Utilities Agency	Cucamonga Valley Water District
Moreno Valley USD Team	San Jacinto	Eastern MWD	Rancho California Water District
Mountain View HS	El Monte	Upper San Gabriel Valley MWD	
Norte Vista HS *	Riverside	Western MWD	Riverside Public Utilities
Oak Park HS	Oak Park	Calleguas MWD	
Palos Verdes HS	Palos Verdes Estates	West Basin MWD	
Palos Verdes Peninsula HS	Rolling Hills Estates	West Basin MWD	
Paramount HS West	Paramount	Central Basin MWD	
Perris Union High SD Team	Menifee	Eastern MWD	Rancho California Water District
Providence HS *	Burbank	Burbank Water & Power	
San Dimas HS	San Dimas	Three Valleys MWD	
Santana HS	La Puente	Three Valleys MWD	Walnut Valley Water District
Savanna HS	Anaheim	Anaheim Public Utilities	
Temecula Valley Team	Temecula	Eastern MWD	Rancho California Water District
Warren HS	Downey	Central Basin MWD	
West Covina HS *	West Covina	Upper San Gabriel Valley MWD	

\* Rookie Teams