

HelioPower Completes 343 kWDC Solar Power System for Ladera Sports Center

Ladera Sports Center uses HelioPower's integrated energy solutions and energy analytics profiling tools to reduce their energy costs.

ORANGE COUNTY, CALIFORNIA, UNITED STATES, April 20, 2017 /EINPresswire.com/ -- HelioPower is pleased to announce the successful completion of two commercial photovoltaic systems at the state-of-the-art Southern California sports center in Ladera Ranch. The 63,000 square-foot gym now sports a 343kW (kilowatt) system optimized with SolarEdge's DC optimized inverter solution, coupled with the PredictEnergy™ Commercial Energy Management System. This represents a significant milestone in Ladera's sustainability program and their ability to reduce their electricity costs.

"We've been a longtime advocate for sustainable technologies." Said H. Michael Schwartz, owner and developer of Ladera Sports Center, "We wanted to encourage the development, and use of, grid-source technologies on a net zero pollution basis. HelioPower's solar installation is a natural extension of our innovative value, developing renewable energy sources to take control and offset energy costs."

Canadian Solar's high-performing PV modules and HelioPower's distributed generation strategies work together to maximally reduce the levelized cost of energy for Ladera Sports Center. The system was split into two meters, consisting of two points of connections: the sports center and the office. The installation consists of 1,100 Canadian Solar 310 PV modules with 8 SolarEdge SE33.3KUS Three Phase inverters and 550 SolarEdge P700 power optimizers. By utilizing SolarEdge's DC optimized inverter solution, Ladera Sports Center's energy output increases from the PV System, constantly tracking the maximum power point at the module level. The power optimizers provide performance reporting through the SolarEdge monitoring portal for enhanced, cost-effective, module-level maintenance. SolarEdge technology meets advanced safety requirements, including NEC2017, and is designed to de-energize the DC voltage in the PV wires whenever the PV system is disconnected from the grid or the inverter is turned off for increased safety during installation,



maintenance, and emergencies.

“As a leading global PV inverter company, SolarEdge is committed to delivering innovative and cost-effective commercial solutions,” said Peter Mathews, North America General Manager for SolarEdge. “Offering value added products and services, we see ourselves as a partner to installers and EPCs and as such offer support throughout the entire PV system lifetime.”

“HelioPower’s mission is to work with our clients to find the most cost-effective solution to all of their energy needs,” said Mike Murray, Director of Commercial Operations, HelioPower, “PredictEnergy™ identified demand-side energy reduction opportunities that enabled Ladera Sports Center to complete the initial phase of their clean energy initiative on time, on budget with on-going energy savings.”

Ladera Sports Center is LEED Certified. LEED is a process framework that project teams apply to create highly efficient, economical and sustainable buildings. Ladera Sports Center will deliver at least 35% of the building’s electricity from renewable sources.

Together, HelioPower’s integrated energy solutions and energy analytics profiling tools work to deliver a financially viable project, reducing Ladera’s energy costs and supporting their sustainability strategy.

To learn more about the project and access live energy analytics data please view the [project page](#).

About HelioPower, Inc.

HelioPower Energy Solutions is an integrated energy solutions company based Murrieta, California. The company helps its clients reduce energy costs and develop energy assets by leveraging renewable energy production, demand side management, and return on investment strategies for clients in the U.S. and abroad. HelioPower employs a diversified approach to providing renewable energy technologies and load reduction expertise. Because needs can vary greatly among energy consumers, HelioPower is committed to helping its clients understand their unique energy challenges to deliver customized, cost-effective services and products to reduce energy costs. For more information, visit: <http://heliopower.com/>

The PredictEnergy™ commercial energy management system (EMS) provides distributed energy resource (DER), load center and power quality monitoring, energy analytics and energy asset management. For more information, visit: <http://predictenergy.com/>

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