

NEWS

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Harpiris Energy completes first large-scale SunCache installation in Sacramento, CA

CORRAL DE TIERRA, CA, September 29, 2009 – Harpiris Energy, manufacturer of the low-cost SunCache solar water heater, has completed the first large-scale installation of production SunCache ICS systems at two senior housing facilities in Sacramento. Project partners Precision General Commercial Contractors of Sausalito, CA and Wills Plumbing of Stockton, CA completed the installation of 65 SunCache collectors on 37 buildings at two locations as part of an extensive rehab project supported by the Sacramento Housing and Redevelopment Agency. Although the property owners are investigating various ways to claim state and federal incentives, this project is achieving satisfactory paybacks without any incentives. Only one of 37 buildings required structural reinforcing.

Thomas Dawson, Founder of Precision, pointed out that “the SunCache system was the only way we could afford to include a solar component in this project. Our existing plumbing contractor was able to install it without problems, making it easy to integrate SunCache into the broader project.”

The first site at 5200 Broadway consists of 14 four-plex buildings and 12 six-plex buildings, all with one bedroom units. The four-plexes were handled in the same way as cutting-edge single family home construction: a single SunCache ICS collector pre-heating water before it enters a condensing tankless water heater. Because of their higher loads, each six-plex received two SunCache collectors plumbed in parallel, again pre-heating a condensing tankless water heater.

The same approach worked for the four-plex and six-plex buildings at the second site at 3151 Notre Dame Drive. However, this site also has two mid-rise buildings with 32 one-bedroom units in each. Once again SunCache ICS collectors were used, but this time each building received eight collectors plumbed in parallel feeding two power-vented commercial 100 gallon water heaters.

“Without any changes to the equipment, we deployed SunCache collectors in three distinct applications within the same project,” noted Harpiris Energy president Eric Lee.

“With its simple passive design, low cost, and high reliability, SunCache is playing its part to help California reach its groundbreaking climate change targets, with a product made right here in California.”

Harpiris Energy is a 2008 startup firm created to commercialize the SunCache solar water heater, which was developed by Davis Energy Group with support from the U.S. Department of Energy and the National Renewable Energy Laboratory. The result of a ten-year R&D program, SunCache is the lowest-cost residential-scale renewable energy system certified in the U.S. For more information about Harpiris Energy or SunCache, please visit www.harpiris.com, or contact Eric Lee at 530-220-7000 or eric@harpiris.com.

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