

Solar Thermal Case Study

College Dormitory - J.R. Pierce Plumbing

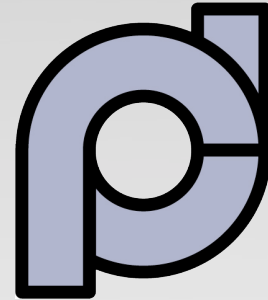


Location: Sacramento, CA

System Type: Direct Flow Commercial Hot Water

Building Use: College Residence Hall

Designed & Installed By: J.R. Pierce Plumbing Company, Inc.



System Description: Forty Apricus AP-30 solar collectors were installed by J.R. Pierce Plumbing Company on the roof of a new, 4 story, energy efficient dormitory building at California State University - Sacramento. The four story building is home to 610 university students and is used year round. The direct flow system is used to pre-heat the building's domestic hot water before it enters the water heating system.

Feedback: In designing the system to meet LEED requirements J.R. Pierce chose Apricus because "the competition could not do that for what the university had budgeted for." The collectors were chosen due to the fact they can deliver more hot water during the winter when the building is full and the demand is the greatest. Everyone involved worked diligently to ensure that the university ended up with a quality system at an affordable price.

