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March 2008

ASHRAE® JOURNAL

The magazine of the American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.



2008 ASHRAE Technology Awards

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Outstanding Achievements

The ASHRAE Technology Awards recognize outstanding achievements by members who have successfully applied innovative building design in the areas of occupant comfort, indoor air quality (IAQ) and energy conservation.

Their designs incorporate ASHRAE standards for effective energy management and IAQ. Performance is proven through one year's actual, verifiable operating data. The following are descriptions of projects from the ASHRAE Technology Award winners and honorable mentions. Articles about these projects will be published in this and future issues of ASHRAE Journal.



Steven Jones, Associate Member ASHRAE

Project: Kern Schools Federal Credit Union Administration Building, Bakersfield, Calif.

Category: Commercial Buildings (New)

This pair of three-story buildings, each 75,000 ft² (6968 m²), exceeded California's Title 24 Energy Standards by 24%. Each building is conditioned by three rooftop packaged VAV air handlers using evaporative cooled condensers. Building heating is provided by variable flow, high-efficiency condensing pulse boilers, circulating hot water to each of the VAV terminal units. The first year energy use was measured to be 50% less than a building of similar size and occupancy owned by the same property manager.●

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