



Sure Bet for Schools



Facility Management System for Science and Industrial Arts Building

Humboldt County School District, Winnemucca High School

Project Description:

Humboldt County School District extended existing Facility Management System (FMS) to include the school district's science building that had previously been controlled by a single time clock system.

Contractor: Mechanical Control Service, Parts were purchased and installed by the District

Results/Benefits:

This project has added the Humboldt County School District's science building to the county's existing Facility Management System. The FMS has integrated control of the science building's HVAC and lighting systems, allowing for greater control of the building's energy use. Previously, the single time clock system required that the entire building be scheduled on, even if only one or two rooms were in use. As a result, every classroom would receive conditioned air, regardless of whether it was occupied. The FMS now allows the school district to schedule the HVAC system to be on only for those classrooms that will be occupied. District personnel can now get on-line and solve problems and not have to go the building. The system also allows for a lot of flexibility with data trending and reports that can be set up. Lighting controls can also be added in the future.

Project Details:

	Total
On-Peak Demand Savings	50.99 kW
Annual Energy Savings	89,614 kWh
Total Project Cost	\$32,750
Annual Energy Cost Savings*	\$

* Assumes that the electricity rate is \$0.11/ kWh



