

Project Scope

- New 50,000 square foot elementary school completed August 1999.
- Commissioned heating, ventilation, and air conditioning (HVAC) system, DDC controls, intrusion detection system, and kitchen equipment.
- HVAC systems were monitored by AEC using Fault Detection and Diagnostic equipment.

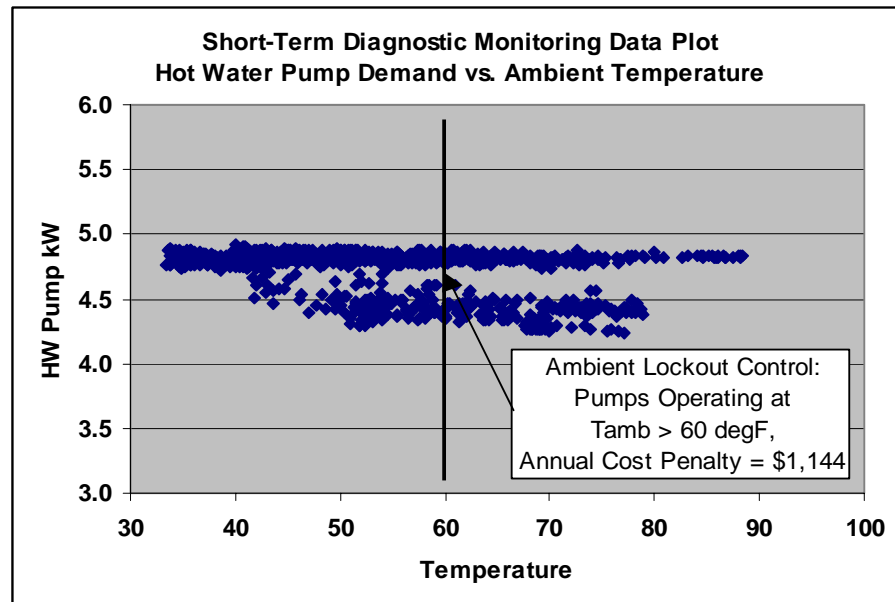


"Commissioning by AEC helped the school opening run smoothly, made the contract closeout requirements more clear, and we are applying what we learned about the operation to other facilities."

Brian Lamer, School Project Manager

Benefits

- Only two comfort complaints in first two months of operations.
- Quicker final acceptance for contractors.
- Facility staff participation created sense of ownership.
- Lessons learned applied directly to two other schools.



Architectural Energy Corporation
2540 Frontier Ave., Suite 201
Boulder, CO 80301
303-444-4149
800-450-4454
www.archenergy.com

For the Coyote Ridge Elementary School, the school district directed AEC to provide commissioning services on building systems, including HVAC, DDC controls, electrical service and distribution, fire safety, intrusion detection, and kitchen equipment. AEC successfully created a cooperative commissioning team from the staff, designers, and contractors. Complete functional testing ensured that all systems were ready for the August 1999 opening. Short-term diagnostic monitoring provided dynamic tuning of controls for efficient operation.