

Southland Industries helped Cal Baptist with some challenging energy and retrofit projects.



Customer: California Baptist University – Riverside, California

Challenge: Aging equipment, rising electricity rates and several outstanding deferred maintenance issues.

Solution: Performance based energy planning and retrofits from Southland Industries.

Could your organization use an energy planning partner?

Southland Industries has a proven record of excellence in reducing the energy and operating costs of educational facilities.

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Southland Industries

Design • Build • Maintain

The Challenge

Cal Baptist faced a challenge not unlike many universities. Numerous campus buildings, aging equipment and escalating electricity rates provided a grim outlook for the long-term utility budget. Cal Baptist also faced several outstanding deferred maintenance issues that required resolution.

The Solution

Southland Industries provided performance based energy planning and mechanical retrofits.

Southland Industries created a performance-based plan which included a negotiated solution to resolve the deferred maintenance issues. The plan was also designed to recoup almost \$200,000 in rebates and incentives.

This performance based solution included:

- *Lighting retrofits for 14 buildings and 5,500 energy efficient lighting fixtures*
- *New centralized EMS and controls systems*
- *Cogeneration system with HW heat exchangers*

- *New centrifugal chiller 560-T with variable frequency drive*
- *Cooling tower 560-T*
- *Primary secondary cooling system*
- *High efficiency domestic HW boilers*

The Result

The university now has 5,550 energy efficient lighting fixtures in 14 campus buildings. Automation systems are also installed throughout key facilities. In combination with other performance based strategies, Cal Baptist is saving thousands in monthly electricity costs.

Proficient energy planning helps enable schools and universities to focus on academic excellence. Cal Baptist is no exception. According to 2007 college ranking released by *U.S. News & World Report*, Cal Baptist is one of the top master's degree granting universities in the West.

“Mechanical Systems that Enable Your Business”