

ESPC Success Stories

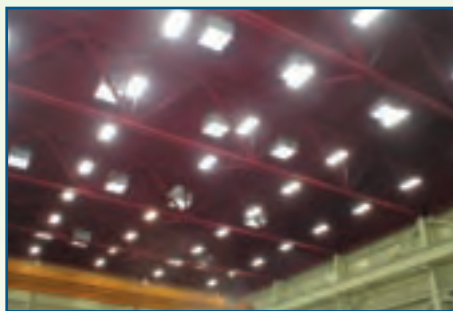
Comprehensive Effort Cuts Energy Use By 44%



Camp Pendleton's energy reduction plan included a roof-mounted photovoltaic system. (above)

Much of Camp Pendleton's electrical load reduction was due to 42 buildings being outfitted with daylighting technology. Additionally, 51 buildings were retrofitted from high-intensity-discharge fixtures to high-output T-5 HO (fluorescent) fixtures. (top right)

Solar street lights, warning signs, and anti-terrorism lighting enhance driver safety, reduce grid-connected energy costs, and improve base security.



MARINE CORPS BASE CAMP PENDLETON

CAMP PENDLETON, CALIFORNIA

The energy team at Marine Corps Base Camp Pendleton has achieved a 44 percent reduction in energy consumption, reaching the energy goal mandated by Executive Order 13123 six years early. Camp Pendleton realized these accomplishments despite a 2 million-square-foot increase in facility space. The Marine Corps cut the base's energy use through successful implementation of energy savings performance contracts and utility energy services contracts, combined with energy education and awareness programs. Projects included decommissioning a large central steam plant and incorporating Leadership in Energy and Environmental Design (LEED™) standards into all construction projects. The base saved more than \$3 million in energy costs and almost 280 billion Btu in FY 2004 alone.



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