Federal Energy and Water Management AWARDS

2013

David Morin, PE
U.S. Air Force
Laughlin Air Force Base, Texas

As energy manager of Laughlin Air Force Base, David Morin led the base's energy program to achieve FY 2012 energy and water intensity reductions of 29 and 24 percent over the prior year and save $1.8 million in utility costs. Mr. Morin focused on three key areas: projects, maintenance, and individual conservation. In FY 2012 he implemented $1.3 million in projects, including a photovoltaic re-roofing project; lighting and plumbing fixture upgrades; base-wide leak detection and repair; and conversion of a domestic water fed pond into a bio-swale.

Using new advanced metering, Mr. Morin worked with facility managers to identify and address anomaly power use and reduce base power outages by 29 percent. Mr. Morin also initiated strategies to reduce irrigated areas base-wide, saving 65 million gallons of water, as well as midnight irrigation checks and reduction schedules. His educational efforts include training base facility managers to recognize their roles in efficiency and training purchasing agents about energy and water efficient products. Mr. Morin's leadership culminated in the highest energy and water intensity reductions within his major command of 12 bases for the last two quarters of FY 2012.