

PETERSON AIR FORCE BASE

Colorado Springs, CO

Facility Type:	Air Force Base
Facility Size:	2.7 Million sq. ft.
Type of Contract:	ESPC
Term of Contract:	15 & 18 Years
Total Capital Cost:	\$3,878,000
Average Annual Savings:	\$552,000
Total Cost Savings:	\$9,237,000



NORESCO's partnership with Peterson AFB began as a part of the U.S. Air Force (USAF) Region Three ESPC competitive solicitation response. USAF Region Three, which includes the states of Montana, North Dakota, South Dakota, Wyoming, Nebraska, Colorado and New Mexico, was soliciting proposals for ESCO partners to identify, develop and implement ESPC projects at USAF bases throughout the region. Proposal responses included details of technical, financial and logistical approaches that the ESCO would take to providing these services for the USAF, as well as a proposal for a Sample Project at Peterson AFB. NORESKO's proposed Sample Project and technical and financial package resulted in the Region Three award, with the proposed Sample Project at Peterson AFB moving forward to a detailed study of the proposed Sample Project. This partnership has led to the implementation of two Task Orders at Peterson AFB, including the energy conservation projects outlined below.

Task Order No. 001 (Based on Sample Task Proposal)	
Waterside Economizer	Evaporative Pre-coolers
VFD Replacements	Electric Humidifier Replacements
EMCS strategies on AHUs	Chiller Replacement w/ Water Side Economizer
Premium Efficiency Motors	Energy Efficient Lighting Retrofits
Water Conservation Measures	Heating Plant & CI Sectionals
EMCS Enhancements	Steam Condensate Piping Repairs
Window Replacements	Hangar Doors Insulation

Task Order No. 002	
Lighting System Improvements	New EMCS and Commission Controls
Water Conservation Measures	Demand Lighting
New Boiler Installations	Communications Equipment Cooling



NORESCO is the nation's most experienced energy service company providing comprehensive and proven energy-efficiency solutions and infrastructure development and operations strategies to a wide range of customers. A recognized industry leader installing and operating over \$1.4 billion of proven energy solutions in diverse markets across the nation, NORESKO has built on-site energy infrastructure generating more than 300 megawatts of power, and has helped customers improve energy efficiency saving over 31 billion-kilowatt hours of electricity and 71 trillion Btus of fuel. NORESKO is accredited by, and a charter member of, the National Association of Energy Service Companies.