



AMERICAN DEVELOPMENT
INSTITUTE

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SUMMARY

Lockheed Martin and ADI Energy were chosen through an RFP process to audit, engineer, design and construct an energy savings performance contract (ESPC) on Hill Air Force Base.

Number of Buildings: 5

Estimated Investment: \$10.6 Million

Total Guaranteed Cost Savings :
\$33.1 million

SERVICES

- Consumption usage analysis
- Site evaluation
- Environmental and regulatory analysis
- Investment grade audit energy
- Preliminary assessment for energy
- Energy analysis
- Energy audit
- Energy design build services
- Energy savings HVAC
- Conservation solutions
- Energy financial analysis
- Energy performance contracting
- Commercial energy services
- ESCO

MEASURES

- HVAC
- Energy Management Systems

Hill Air Force Base Hill AFB, Utah



UNIQUE VALUE TO CUSTOMER

Hill Air Force Base hired Lockheed Martin to complete a preliminary audit that is the first part of the engineer, design and construct an energy savings performance contract (ESPC) on Hill Air Force Base. LM and ADI Energy are team partners that will develop the final solution for Hill AFB.

Based on facility visits and reviews of the current processes and building systems and applicable energy utilization in each of the 5 buildings on Hill AFB, Lockheed Martin and ADI Energy developed a package of traditional and building-specific Energy Conservation Measures (ECMs) designed to meet the Hill Air Force Base's needs. Lockheed Martin and ADI identified opportunities for over 80 different ECMs for the 5 buildings.

Lockheed Martin and ADI Energy provided Hill Air Force Base with opportunities that will result in \$33.1M guaranteed savings through 8 Process Improvement ECMs, 22 Energy Efficiency ECMs, 3 Renewable Energy ECMs. These savings stem from a 35% reduction in Hill Air Force Base's electrical consumption and a 19% reduction in Hill Air Force Base's thermal energy consumption. In addition, implementation of these ECMs will yield an approximately 2,000 ton reduction in CO2 while helping Hill AFB address 16 federal energy and water mandates.