



Department of Defense  
use of  
Energy Savings Performance  
Contracts

**For NAESCO**

**April 5, 2007**



	<b>CURRENT STATUS</b> (As of January 1, 2007) <sup>1</sup>	<b>PROGRESS</b>	<b>COMMENTS</b>
<p><b>ENERGY MANAGEMENT</b></p> <p><b>Senior Energy Official:</b> Kenneth Krieg</p> <p><b>Lead DOE Analyst:</b> Brad Gustafson</p> <p><b>Lead OMB Analysts:</b> Cyndi Vallina and Rob Sandoli</p>	<p style="text-align: center;">●</p> <p style="text-align: center;">Green</p> <p style="text-align: center;">↑ from Yellow</p> <ul style="list-style-type: none"> <li>• 2005 reduction in energy intensity in standard buildings compared with 1985: <u>28.2%</u> (Information only; no impact on score)</li> <li>• Reduction in energy intensity in EPACT goal-subject facilities compared with 2003: <u>X</u> 2 percent and on track for 20 percent by 2015 <u>5.5% in 2006</u> (G) ___ 1 percent ___ (Y)</li> <li>• Use of renewable energy as a percent of facility electricity use: <u>X</u> 2.5 percent <u>9.5% in 2006</u> (G) ___ 2.0 percent ___ (Y)</li> <li>• Metering plan to meter energy use in 100 percent of appropriate facilities by 2012: <u>X</u> On track in implementing plan <u>2006</u> (G) <u>X</u> Plan approved by DOE <u>2006</u> (Y)</li> <li>• Percent of new building designs begun in FY 2007 that are 30 percent more energy efficient than relevant code:  <u>NA</u> 100 percent _(date)_(G)  <u>NA</u> 50 percent _(date)_(Y)</li> </ul> <p style="text-align: center;">Next ↑ est. by (NA)</p>	<p style="text-align: center;">●</p> <p style="text-align: center;">Green</p> <p style="text-align: center;">No Change</p> <p><u>Actions taken since July 1, 2006:</u></p> <ul style="list-style-type: none"> <li>• Submitted metering plan consistent with FEMP guidance.</li> <li>• Submitted revised 2003 baseline data to correct reporting errors, provide actual data to replace projections, and to reconcile changes in excluded and privatized facilities.</li> <li>• <b>Helped to revitalize Federal ESPC Steering Group, to work toward resolution of ESPC concerns &amp; allow increased utilization of these contracts.</b></li> <li>• <b>Increased ESPC award value by 316% from 2005.</b></li> </ul> <p><u>Planned actions for next six months:</u></p> <ul style="list-style-type: none"> <li>• Continue implementing Service-level metering plans.</li> <li>• <b>Resolve Federal ESPC steering committee outstanding issues and work toward greater use of ESPCs.</b></li> <li>• <b>Draft DAR counsel report to Congress on ways to simplify the ESPC process.</b></li> <li>• Participate on Planning Committee for Energy 2007.</li> <li>• Develop and submit list of all new building projects starting design phase in FY 2007 subject to EPACT Section 109.</li> </ul>	<ul style="list-style-type: none"> <li>• DOD Status improved to green as DOD met all of the current Green standards for success. DOD Progress remains Green as it completed all planned actions for the last 6 months.</li> <li>• In FY 2006, compared to FY 2003, DOD's reduction in energy intensity was 1.7% without credits for renewable energy purchases and source use energy reduction.</li> <li>• DOD increased renewable energy from self-generation and purchases by 194.8% in 2006 from the 2003 baseline.</li> <li>• DOD conducted energy audits in 13.3 percent of its facilities in 2006.</li> <li>• DOD developed water management plans resulting in 29.6% reduction in water use from the 2003 baseline.</li> <li>• DOD co-hosted an energy training conference attended by more than 400 DOD energy professionals.</li> <li>• DOD reduced petroleum-based fuel use in facilities by 23% in 2006 from the 2003 baseline.</li> <li>• <b>DOD invested \$459 million in energy efficiency projects in FY 2006, 13% of its annual facility energy costs.</b> <ul style="list-style-type: none"> <li>• \$159 million from direct appropriations.</li> <li>• \$232 million through ESPC.</li> <li>• \$68 million through UESC.</li> </ul> </li> </ul>

<sup>1</sup> Status will be updated once annually (Jan 1) to reflect performance data collected at the end of each fiscal year. Progress will be assessed twice annually (Jan and July). Quantitative standards for success for Yellow and Green will increase each year in accordance with requirements of Executive Order 13123 or the 2005 Energy Policy Act.



# Air Force Installations FY06

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<b>Installation</b>	<b>Investment Value</b>	<b>Award Value</b>	<b>Vehicle</b>
Dyess AFB	\$17,361	\$33,438.00	AF
Dyess AFB	\$22,791	\$45,766.00	AF
Hickam AFB	\$3,666	\$6,291.00	AF
Hill AFB	\$3,241	\$5,323.00	DOE
Keesler AFB	\$13,214	\$27,423.00	DOE
Little Rock AFB	\$4,148	\$6,480.00	DOE
Maxwell AFB	\$3,757	\$6,196.00	AF
Moody AFB	\$5,652	\$11,189.00	AF
Tyndall AFB	\$5,165	\$9,546.00	DOE
Whiteman AFB	\$5,904	\$11,138.00	DOE
Wright Patterson AFB	\$3,943	\$6,559.00	AF
<b>AF Total</b>	<b>\$88,842</b>	<b>\$169,349</b>	

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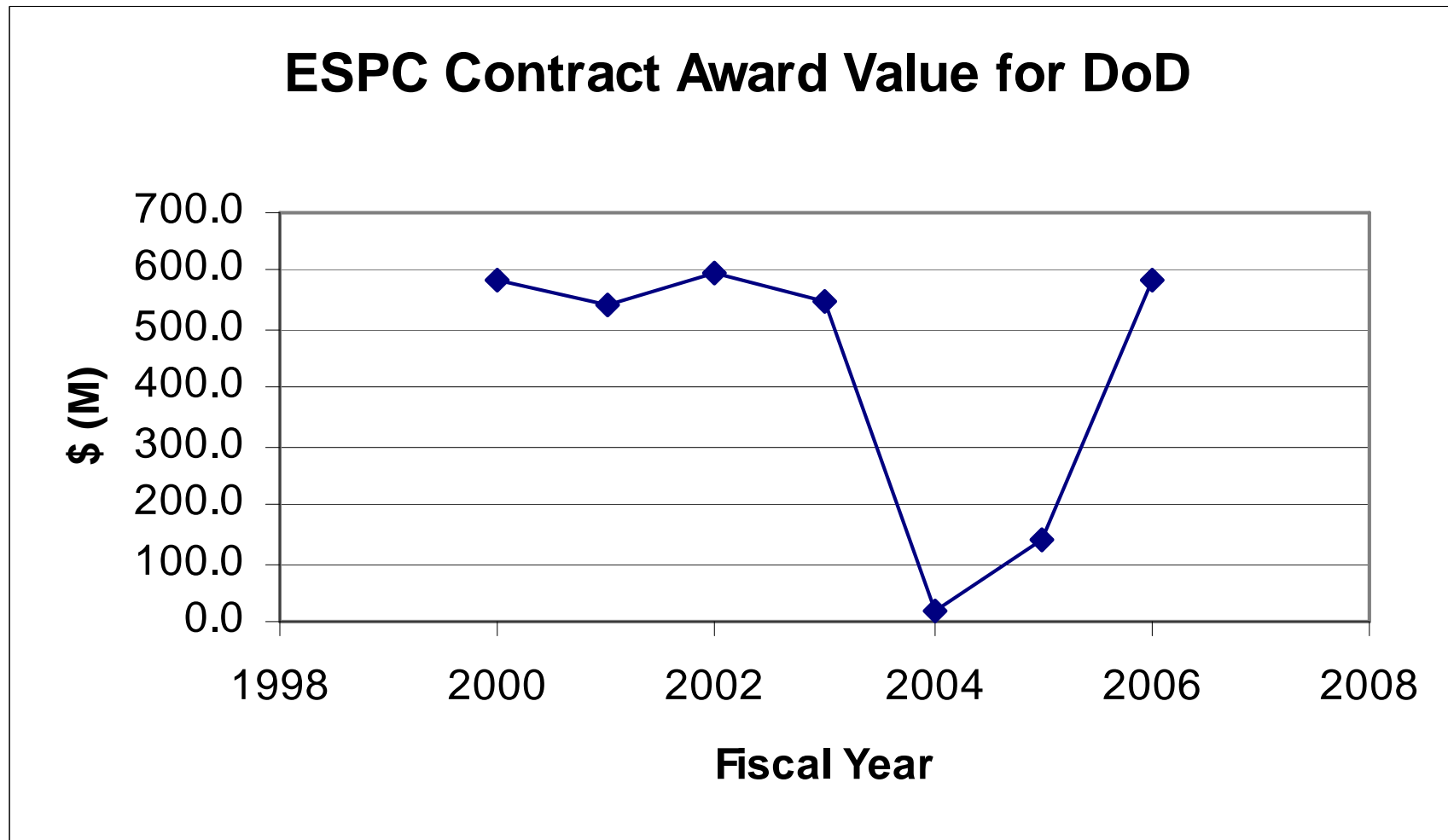
# Army and Navy Installations FY06

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<b>Installation</b>	<b>Investment Value</b>	<b>Award Value</b>	<b>Vehicle</b>
<b>ARMY</b>			
Fort Hood	\$12,700	\$38,800	DOE
Fort Stewart	\$5,200	\$15,100	DOE
<b>Army Total</b>	<b>\$17,900</b>	<b>\$53,900</b>	
<b>NAVY</b>			
MCAS Miramar	\$1,833	\$2,415	DOE
MCB Quantico	\$4,702	\$7,318	DOE
NAVFAC Far East	\$105,699	\$342,902	Navy
NAVSTA Pearl Harbor	\$2,158	\$3,470	DOE
NSY Norfolk	\$5,600	\$9,027	DOE
<b>Navy Total</b>	<b>\$119,992</b>	<b>\$365,132</b>	
<b>FY06 DoD Total</b>	<b>\$226,734</b>	<b>\$588,381</b>	



# Historical ESPC Awards





# Huntsville ESPC Re-compete

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- Coordinating with DOE to ensure uniformity
- Anticipate the DOE RFP will be issued in FY 2007
- Anticipate the Huntsville RFP release in FY 2008
- Coordinating RFP for consistency where appropriate
- Time lapse allows all interested parties to focus resources
- Existing Huntsville ESPC contracts expire in FY07, planning a one year extension
- Huntsville sought and considered lessons learned from current contractors
- A draft RFP will be disseminated for review and comments
- A pre-proposal conference is planned after release of the draft