



Army Energy Program

ARMY ENERGY PROGRAM
Ambitious Goals Toward a Sustainable Future

Reduce Facility Energy Use
35% FY '90-'10

Reduce CO₂ Emissions 30%
FY '90-'10

20,000 Solar Systems by 2010

Energy Star Building Targets
Energy
Money Isn't All You're Saving

Reduce Petroleum Use

Reduce Energy Use in Industrial Applications
20% ('90-'05), 25% ('90-'10)

Reduce Electrical Use

Audit 10% of Facilities Annually

Reduce Water Consumption

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waiting for B O N U S !!!



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Energy Savings Performance Contracting (ESPC)

- Key Policy & Stumbling Blocks
 - Army Goal to enter into contracts for \$100M for 2008 & \$120M for 2009
 - Baseline Development (Must be retained for the life of the contract & can be adjusted during the contract when conditions justify adjustment)
 - Economics – Move to more 25 year contracts in order to include more longer term paybacks
 - Measurement and Verification (M&V) – Must be achievable and defensible
 - Independent verification required [Central Funding]
 - Project Facilitator required [Working on Central Funding]
 - Onsite KO/COTR – Training & Education of JAGs and Contracting Officers
 - Prohibited activities in ESPC – Saving devices on others equipment (I.E Vending Misers), Software on computers, Rate adjustment savings to contractor, Supplement new construction, Government responsible for any maintenance on any equipment that provides any of the guaranteed savings.
- New ESPC Guidance, due out Mar '08
- Congressional notification threshold Eliminated (per EISA 2007)



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