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**CHIEF Energy & Utilities Policy**  
**Office of Assistant Chief of Staff**  
**for Installation Management**



# REGULATION AND POLICY UPDATE

## Army Energy Program

### New Chap 22 of AR 420-1

The Chief Information Officer (CIO), G-6, will establish policies for use of electronic information management equipment. Policy will include the requirement to purchase new equipment with ENERGY STAR™ features and to enable those features available on new and existing equipment. Policy will include requirements that all new computer equipment purchased have up-to-date ENERGY STAR™ features and that the ENERGY STAR™ features on all computer equipment be enabled. The policy will not require general purpose office computers, desk top units, and personal computers to be powered-up during periods of operator absence.

Electrical use: Ensure electrical equipment and appliances (e.g. monitors, fans, coffeepots) are turned off when not being used and during non-duty hours. 1. General purpose office computers, desk top units, and personal computers will not remain powered-up during periods of operator absence. Exceptions for short periods of after-duty-hour requirements by Information Technology (IT) authority will specify start and stop dates for computers to be left powered-up for IT purposes. The designation of the specified impacted computers will be listed with the start/stop date announcement. The written announcement of the start and stop dates will list the specific computers to be left powered-up. Start/Stop dates intended to defeat the intent of turning off the units when not in use are prohibited. IT after-duty-hours power-up announcements will not be used to circumvent the requirement to power-off computers that are not in use.



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### Refrigerators.

Refrigerators are authorized in work and office areas for area use with sizing based on number of personal supported. Use one (1) cubic foot per person as an average to determine size and quantity of refrigerators that are appropriate.

Refrigerators in work areas and offices intended for only one person's use are prohibited. Exceptions allowed for General Officers and Commanders who have conference room meeting requirements that justify the single use.



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# ESPC Policy

- Key Policy
  - Baseline Development
  - Economics
  - Measurement and Verification (M&V)
  - Independent verification required [installation cost]
  - Project Facilitator required [installation cost]
  - Onsite KO/COTR
  - 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 Jan '08
- Congressional notification threshold \$7M (per NDAA)



# Army Energy Program

-- Headquarters, Department of the Army --  
Assistant Chief of Staff for Installation Management

## ENERGY CONSERVATION INVESTMENT PROGRAM (ECIP) FY2009 GUIDANCE



**A comprehensive guide to help Installations create high quality, well-organized ECIP documentation to successfully compete for annual program funds. This Guidance supports the FY2009 ECIP Program.**

March 2007

(UNCLASSIFIED)

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# *The Army's new "Stealth" Aircraft*



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## EPAct 2005 and E.O. 13423 Summary of Installations Impacts

- Alternate-fueled vehicles operated w/ alternate fuels
- Renewable electricity consumption can not be less than:
  - 3 percent in FY 2007-FY 2009
  - 5 percent in FY 2010-FY 2012
  - 7.5 percent in 2013 and thereafter
- Defines several types of renewables
- Double credit for renewables produced on the site or on Federal lands and used at a Federal facility
- Reduce Greenhouse gases by 30% by 2015

### OSD Goal

- 25% by 2025 w/ 50% renewable energy from new sources



# Army Renewable Guidance

- Goal to exceed “25 by 25” goal
- All renewables count.
  - “Renewable” defined by source in EPA Act, not just as “electricity”
  - Direct use, thermal, and remote applications count
- Purchase of power or RECs not required to claim credit
- No “double credit”



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## **Additional Guidance**

- Defense Science Board: Recommendation for “Islanding” and “Net-zero-plus” energy footprint for installations.**
- Army wants renewable production to be near or on Installations such that it can directly provide energy if grid goes down.**
- Army will sell renewable energy credits but not purchase credits. If funds are available to buy credits then use those funds to increase actual green energy that serves the installation directly.**



## Contact Information

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