



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
HEADQUARTERS, UNITED STATES ARMY, PACIFIC
FORT SHAFTER, HAWAII 96858-5100

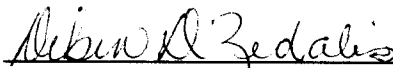
IMPC-PWD-O

24 June 08

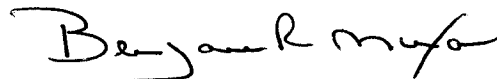
MEMORANDUM FOR SEE DISTRIBUTION

SUBJECT: Energy Conservation Policy Guidance for U.S. Army, Pacific (USARPAC) and U.S. Army Installation Command, Pacific Region (IMCOM-Pacific)

1. Reference Memorandum IMPA-PWD-O, 23 Mar 06, subject: Joint Interim Energy Conservation Policy for U.S. Army, Pacific (USARPAC) and U.S. Army Installation Management Agency, Pacific Region Office (IMA, PARO).
2. Effective 01 July 2008, all computer central processing units shall be shut off by users after duty-hours except for servers and any equipment that supports a 24x7 operation. This applies to all USARPAC and IMCOM-Pacific units and personnel, contractors, and tenant activities. All personnel will continue to follow referenced USARPAC and IMCOM energy conservation policy of turning off general office equipment, copiers, printing devices, all-in-one devices and similar equipment at the end of each business day and turning off computer monitors and peripheral equipment such as speakers, scanners, and external drives when not in use.
3. This policy guidance is part of an overall Army energy campaign to effectively use our energy resources and meet federal energy reduction mandates. We need to reduce our energy demands so that associated cost savings can be used for other critical Army mission requirements. IMCOM spent approximately \$80M on utility bills in FY07 and anticipates future higher costs based on rising energy costs. By implementing this computer shut-off policy, the Army can save over \$1M annually in utility costs Pacific-wide. Computers will be initially monitored and tracked by building/units to ensure compliance. Any required computer patches/updates will be installed automatically prior to actual physical shut down of the computers each day or at the beginning of any subsequent start up.
4. Let's all do our part in conserving energy and continue to use our energy resources wisely to enhance our mission capabilities.


DEBRA D. ZEDALIS
Director
Installation Management Command

20 June 2008
Date



BENJAMIN R. MIXON
Lieutenant General, USA
Commanding

24 June 08
Date

DISTRIBUTION:
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REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
HEADQUARTERS, UNITED STATES ARMY, PACIFIC
FORT SHAFTER, HAWAII 96858-5100

IMPA-PWD-O

23 MAR 2006

MEMORANDUM FOR SEE DISTRIBUTION

SUBJECT: Joint Interim Energy Conservation Policy for U.S. Army, Pacific (USARPAC) and U.S. Army Installation Management Agency, Pacific Region Office (IMA, PARO)

1. Reference Memorandum, Office of the Deputy Assistant Secretary of the Army for Installations and Housing (DASA-I&E), 27 Dec 05, Subject: Interim Policy Guidance – Army Energy Conservation (Encl).
2. Effective immediately, all energy conservation measures outlined in the attached DASA-I&E interim policy apply to all USARPAC and IMA, PARO units and personnel.
3. In the face of an energy crisis compounded by increasing demands, dwindling energy reserves, and rising costs, we must all make the effort to reduce energy consumption Army-wide. The referenced Memorandum issued interim policy guidance for Army energy conservation measures. The guidance supports the Energy Policy Act (EPA) of 2005 and the requirements of the 26 Sep 05 Presidential Memorandum on Energy and Fuel Conservation by Federal Agencies. It also serves as a bridge between the Federal requirements and the "Army Energy Strategy for Installations" and "Army Energy Campaign Plan for Installations." The interim policy outlines conservation efforts in a number of areas. These areas include computer usage, electrical usage, heating and cooling, vehicle operation, and procurement policies.
4. In addition, DPWs will monitor energy usage and continue to collect and review energy usage data and to submit quarterly report to the Army Energy and Water Reporting System (AEWRS) for HQDA. MSCs and Installations are encouraged to establish and/or maintain individual awards programs and to recognize those who contribute and participate in energy management programs.
5. If we all do our part in conserving energy, we can help meet the nation's energy needs and ensure energy resources are available for the next generation.

Stanley E. Sokoloski

 STANLEY E. SOKOLOSKI
 Director
 Installation Management Agency

3/22/06

 Date

John M. Brown III

 JOHN M. BROWN III
 Lieutenant General, USA
 Commanding

3/23/06

 Date

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DEPARTMENT OF THE ARMY
OFFICE OF THE ASSISTANT SECRETARY
INSTALLATIONS AND ENVIRONMENT
110 ARMY PENTAGON
WASHINGTON DC 20310-0110
27 DEC 2005

MEMORANDUM FOR SEE DISTRIBUTION

SUBJECT: Interim Policy Guidance – Army Energy Conservation

The enclosed energy conservation measures are forwarded for immediate implementation.

These energy conservation actions support the Energy Policy Act of 2005, signed into law on August 8, 2005, and the recent Presidential memorandum on Energy and Fuel Conservation by Federal Agencies. In addition, these conservation measures will help the Army achieve the five goals of the Army Energy Strategy recently signed by the Secretary of the Army and Army Chief of Staff.

The Army is implementing this policy immediately to reduce energy consumption in the face of an energy crisis compounded by increasing demand, dwindling energy reserves, and rising costs. The increased OPTEMPO caused by the Global War on Terrorism and recent natural disasters makes this responsibility an ever increasing challenge. Despite these operational demands, the Army must still execute its responsibility to be a good steward of our limited energy resources.

A handwritten signature in black ink, appearing to read "Joseph W. Whitaker".

Joseph W. Whitaker
Deputy Assistant Secretary of the Army
(Installations and Housing)
OASA(I&E)

Enclosure

DASA-I&H

SUBJECT: Interim Policy Guidance – Army Energy Conservation

DISTRIBUTION:

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SERGEANT MAJOR OF THE ARMY

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SURFACE DEPLOYMENT AND DISTRIBUTION COMMAND, SDTE

SUPERINTENDENT, US MILITARY ACADEMY, MACS

Interim Policy Guidance
Army Energy Conservation

A. Computer use.

- General purpose office equipment, copiers, printing devices, faxes, all-in-one devices, and similar equipment will be turned off at the end of every business day. Computer monitors and peripheral devices such as speakers, scanners, and external drives, shall be turned off when not in use. Consideration should be given to using a power strip for all external devices to ease and consolidate turning off the devices and the associated transformers that are required for these devices.
- Computer and peripheral devices used in conference rooms, video-conferencing, and kiosks environments shall be turned off when not in use. Computer and peripheral devices shall be turned off when not in use for extended periods of absence such as vacation or holidays.
- Computers, desk top units, and personal computers can remain on for IT purposes only when the computer is capable of; configured, and enabled for energy saving features such as standby or low energy usage modes during periods of operator absence and the mode is activated after any 30 minutes of inactivity.
- Use of this exception to remain on by use of standby or low energy modes of operation are authorized only when the computer meets ENERGY STAR™ compliance and consumes 20 watts or less of energy while in that mode. Servers, storage area network devices and other network infrastructure are NOT required to be powered off during periods of non-use.
- AR 25-1, para 6-2.f. requires that all purchases of microcomputers, including personal computers, monitors, and printers, meet the ENERGY STAR™ requirements for energy efficiency.
- An exception to leaving non-compliant CPUs on for short periods of after-duty-hours is authorized by Information Technology (IT) authority when a specific start and stop date and applicable times for the CPUs to remain on is stated. The specific impacted computers will be listed with the start/stop date announcement. Start/Stop dates and announcements, intended to defeat the intent of turning off the non-compliant CPUs when not in use, is prohibited.

B. Electrical Use.

- The lighting fixture standard for new construction, remodeling, and modular office furniture is the T-8 lamp with instant start electronic ballast or the T-5 lamp. Day-lighting and occupancy controls will be used when determined to be cost-effective. Illuminating Engineering Society of North America (IESNA) standards of lighting will be used as a standard for all Army garrisons and facilities occupied by reimbursable tenants.

- Off-hour and exterior lighting will be eliminated, except when it is essential for safety and security purposes as required by AR 190-11. If lighting is required, use of motion sensor controls will be evaluated for cost effectiveness.
- Ensure electrical equipment and appliances (e.g. monitors, fans, coffee pots) are turned off when not being used and during non-duty hours.
- 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.
- The Director, IMA may authorize garrison commanders to set local policy on the use of outdoor decorative holiday lighting, giving consideration to the use of timers or photo sensors for usage control.

C. Heating and Cooling.

- During the heating season, temperatures in occupied general office space will be maintained in the range of 72 degrees Fahrenheit (°F) plus or minus 2°F during working hours. Heating setback temperatures during unoccupied times shall be set at 55°F plus or minus 5°F.
- Temperatures in warehouses and similar active working spaces will be at 60°F plus or minus 5°F during occupancy and 45°F plus or minus 5°F during unoccupied periods. Warehouses will not be heated if they are usually devoid of human activity and if freezing and condensation are not issues.
- Wherever mechanical cooling is authorized, cooling season temperatures for occupied working and living spaces shall be maintained in the range 74 °F plus or minus 2°F. Cooling set-up temperatures during unoccupied times shall be set at 85°F plus or minus 5°F. Space temperature for medical and medical research operations will comply with these standards except where the mission or DOD standards require otherwise.
- The operation of portable heating and cooling devices is prohibited where the intent is to circumvent the heating and cooling standards outlined above. Supplemental heating and cooling may be used when cost effective energy reductions can be achieved by reducing usage of primary heating and cooling systems or personal comfort levels can not be achieved by reasonable adjustments of the primary system. Such devices are particularly effective where only a few people occupy a portion of a large building, and conditioning is only required in a small section of the facility.
- Use of personal supplemental heating or mechanical cooling devices must have supervisor written approval and must only be used when the area is occupied.

D. Vehicles. The administrative use of vehicles, aircraft, and other energy-consuming equipment will be monitored for abuse and unnecessary use beyond that needed to maintain readiness. Engines will be turned off when vehicles are parked unless maintenance operations require the engine to be running.

E. Procurement. All purchased appliances and heating, ventilation and air conditioning (HVAC) equipment will be ENERGY STAR™ rated for any new or replacement application.