



DEPARTMENT OF THE ARMY
US ARMY INSTALLATION MANAGEMENT COMMAND
HEADQUARTERS, UNITED STATES ARMY GARRISON, FT GREELY
P. O. BOX 31269
FORT GREELY ALASKA 99731-1269

REPLY TO
ATTENTION OF:

IMFG-ZA

23 October 2013

MEMORANDUM FOR SEE DISTRIBUTION

SUBJECT: Installation Policy Memorandum # 14-09, Energy Conservation

1. REFERENCES.

- a. Executive Order 13423, Strengthening Federal Environmental Energy and Transportation Management, 24 January 2007.
- b. Executive Order 13123, Greening the Government Through Efficient Energy Management, 3 June 1999.
- c. AR 420-1, Facilities Management, dated 12 February 2008/RAR 28 March 2009
- d. The US Army Energy Strategy for Installations, 8 July 2005.
- e. The Energy Policy Act of 2005, 29 July 2005.
- f. Energy Independence and Security Act of 2007, 19 December 2007.
- g. Memorandum, IMCOM Pacific Region, IMPC-PWD-0, 10 March 2009. IMCOM Pacific Region Energy and Water Management Policy Guidance and Energy Scorecard.
- h. Energy Conservation Policy Guidance for U.S. Army, Pacific (USARPAC) and U.S. Army Installation Command, Pacific Region (IMCOM-Pacific), 24 June 2008.
- i. Department of Defense Energy Manager's Handbook, 25 August 2005.
- j. All other applicable DoD Issuances.

2. PURPOSE. To establish an Energy Conservation policy on Fort Greely.

3. BACKGROUND.

- a. Key Army energy goals are to reduce energy consumption by 3 percent per year or 30 percent by FY15 based on the FY03 baseline and to reduce water consumption by 2 percent per year or 16 percent by FY15 based on the FY07 baseline.

b. It is Fort Greely's objective to use energy efficiently and provide energy security throughout the organization for both immediate and long range plans by following the Army's Energy Strategy and Army Energy Security Implementation Strategy (AESIS).

4. ENERGY CONSERVATION.

a. Commanders and civilian managers will comply with and support Fort Greely's energy program and ensure, at a minimum, individual actions included in this interim guidance are implemented.

b. Computers:

- (1) Turn off general office equipment at the end of the day.
- (2) Turn off computer monitors and peripheral devices (speakers, scanners, etc.) when not in use.
- (3) Computers and peripheral devices in conference rooms, video conferencing, and kiosks shall be turned off when not in use.
- (4) Computers, desk top units, and personal computers can remain on for IT purposes only when the computer is capable and enabled for energy saving features such as standby or low energy usage modes during periods of non-use for 30 minute or less
- (5) Servers, network devices and infrastructure are not required to be powered off during periods of non-use.
- (6) All purchases of microcomputers including personal computers, monitors, and printers are required to meet Energy StarTM thresholds for energy.

c. Electrical:

- (1) Standard lighting fixtures for new construction, remodeling, and modular office furniture will be a T-8 lamp with instant start ballast, T-5 high output lamp, or led fixture. 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 any lighting work.
- (2) 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.
- (3) Ensure electrical equipment and appliances (e.g. monitors, fans, printers, coffee pots) are turned off when not being used during non-duty hours.

(4) Refrigerators are authorized in work and office areas for area use with sizing based on number of personnel supported. Use one cubic foot per person as the average to determine size and quantity of refrigerators appropriate. Refrigerators in work areas and offices intended for only one person's use are prohibited. Exceptions are allowed for General Officers and Commanders.

d. Heating & Cooling:

(1) During the heating season, temperatures in occupied general office space will be maintained in the range of 70 degrees Fahrenheit plus or minus 2 degrees during working hours. Heating setback temperatures during unoccupied times shall be set at 55 degrees F.

(2) Temperatures in warehouses and similar active working spaces will be at 55 degrees Fahrenheit plus or minus 2 degrees during occupied periods. During unoccupied times setback the temperature to 45 degrees F. Warehouses will not be heated if they are usually devoid of human activity and if freezing and condensation are not issues.

(3) Wherever cooling is authorized, cooling temperatures of occupied working and living spaces shall be maintained in the range of 78 degrees Fahrenheit, plus or minus 2 degrees. Setbacks for unoccupied times shall be set at 85 degrees. Space temperatures for medical and other exempt occupancies shall follow DOD standards.

(4) Operation of portable heating and cooling devices is prohibited where the intent is to circumvent the heating and cooling standards above. Supplemental heating and cooling may be used when cost effective energy reductions can be achieved by reducing usage of primary HVAC systems or personal comfort levels cannot be achieved by reasonable adjustments of the primary system. Use of personal supplemental heating and cooling devices must have supervisor's written approval and must only be used in the area occupied.

(5) Vehicle use will be monitored for abuse and necessity. Idling will only be allowed for warm-up period, safety, security, and maintenance.

(6) All purchased appliances and HVAC items will meet Energy StarTM criteria for new or replacement applications.

e. All UECOs/BEMs will adhere to energy conservation guidelines outlined in the USAG Energy Conservation Memorandum of Instruction (MOI).

5. This policy supersedes Garrison Policy #52, dated 29 May 2013.

6. The point of contact for this policy is the Energy Manager, at 873-4293.

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Commanding

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