



DEPARTMENT OF THE ARMY  
ASSISTANT SECRETARY OF THE ARMY  
(INSTALLATIONS, ENERGY AND ENVIRONMENT)  
110 ARMY PENTAGON  
WASHINGTON, DC 20310-0110

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MEMORANDUM FOR SEE DISTRIBUTION

SUBJECT: Utilization of Efficient Lighting

1. References.

- a. Energy Independence and Security Act (EISA) of 2007, Section 321 Efficient Light Bulbs.
- b. Energy Independence and Security Act (EISA) of 2007, Section 323 Public Building Energy Efficient and Renewable Energy Systems.
- c. 2007 Army Regulation 420-1, Army Facilities Management, 12 Feb 08, Sections 22-12 and 23-50.
- d. 42 U.S.C. § 8253(a) (1), Energy Performance Requirement for Federal Buildings.
- e. Army Energy Security Implementation Strategy (AESIS), dated January 13, 2009.

2. Reference 1a requires the manufacture of energy efficient light bulbs, with efficiency standards phasing in between 2012 and 2014. Reference 1b requires the use of energy efficient lighting fixtures and bulbs in buildings constructed by the General Services Administration. In order for the Army to capture energy efficiency savings consistent with these provisions, this memorandum establishes policy and provides guidance to begin using light bulbs meeting the standards in reference 1a above as soon as possible. New efficient lighting will use 3-5 times less electricity than a 100 watt incandescent bulb in the same amount of time.

3. Effective immediately, all light bulbs acquired for use in facilities and structures owned, leased or controlled by the Army will meet the energy efficiency standards set forth in EISA 2007 §321(a)(3)(A) to the maximum extent feasible with the goal of complete replacement of inefficient lighting within 5 years of the effective date of this memorandum. All relevant Army regulations will be updated as soon as practical (e.g. AR 420-1, Sections 22-12 & 23-50 and USACE Engineering Construction Bulletins) to include installation design guides. Army Commands are to comply with all applicable federal and state laws pertaining to the proper management and disposal of waste when replacing and disposing of lighting fixtures and bulbs.

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4. Approved exclusions to this policy are based on reference 1a. However, number XVII in paragraph (ii) titled "Exclusions", a three-way incandescent lamp is not excluded.

5. Questions regarding this policy should be directed to Mr. Randy Shed, Utilities Privatization Portfolio Manager, ASAIE&E (E&P), (703) 692-9860 or via email [randy.j.shed@us.army.mil](mailto:randy.j.shed@us.army.mil).



(Katherine Hammack

Encl

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