



DEPARTMENT OF DEFENSE
6000 DEFENSE PENTAGON
WASHINGTON, DC 20301-6000

OCT 19 2009

CHIEF INFORMATION OFFICER

MEMORANDUM FOR CHIEF INFORMATION OFFICER, OFFICE OF THE
SECRETARY OF DEFENSE
CHIEF INFORMATION OFFICERS OF THE MILITARY
DEPARTMENTS
CHIEF INFORMATION OFFICERS OF THE DEFENSE
AGENCIES
CHIEF INFORMATION OFFICERS OF THE DOD FIELD
ACTIVITIES
DIRECTOR, JOINT STAFF
CHIEF INFORMATION OFFICERS OF THE COMBATANT
COMMANDS

SUBJECT: PC Power Management and the Useful Life of Electronics Equipment

In a time of rising global energy consumption, increasing carbon emissions to our environment, and shrinking budgets, the Department of Defense must find innovative ways to manage its power consumption, particularly in the area of electronics. It is estimated that two-thirds of the energy used by a typical office PC is wasted in idle mode, and that an organization can cut its PC energy costs up to 60 percent by implementing sound power management practices. In reducing our power consumption, we can realize benefits in at least three critical areas:

1. Energy savings
2. Carbon emission savings
3. Cost savings.

The attached DoD Electronics Stewardship Plan, issued in March 2008, laid out the requirements of Executive Order (EO) 13423 "Strengthening Federal Environmental, Energy, and Transportation Management" for all Federal agencies to enable Energy Star features on agency computers and monitors in an effort to achieve maximum energy savings. To that end, Component CIO offices shall enable Energy Star power savings features on agency computers, laptops, and monitors or implement similar PC Power Management tools and practices to conserve electrical energy.

More information on purchasing Energy Star compliant electronics and implementing power management features in PCs, laptops, and monitors can be found at: http://www.energystar.gov/index.cfm?c=ofc equip.pr_office_equipment and http://www.energystar.gov/index.cfm?c=power_mgt.pr_power_management.



Commercially available tools can keep PCs and monitors in sleep/low-power states when not in use and can awaken PCs for upgrades, backups, and other maintenance tasks. For additional information, please visit this page of the DoDTechipedia site: <https://www.dodtechipedia.mil/dodwiki/display/techipedia/Electronics+Stewardship>

EO 13423 also provides guidance on extending the useful life of electronics equipment to four years or more as another means of conserving the energy required to make electronics equipment. I encourage your efforts to extend the useful life of equipment as well as to explore other innovative ways to help achieve the energy saving goals of EO 13423.

By December 11, 2009, Component CIO offices shall report their plans to implement Energy Star features on agency computers, laptops, and monitors to the Commercial Technologies and Systems Directorate. My point of contact for this effort is Mr. Ken Nguyen, khoa.nguyen@osd.mil, (703) 601-4729 ext. 140, DSN 329.



David M. Wennergren
DoD Deputy Chief Information Officer

Attachment:
As stated