

FNAL EPEAT INITIATIVE

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What Is EPEAT?

- Electronics Product Environmental Assessment Tool

DOE Mandates

- [White House Executive Order 13423](#) requires federal agencies to purchase at least 95% EPEAT-registered products in all relevant electronic product categories.
- DOE mandates that we participate in the Federal Electronics Challenge
- DOE mandates that we supply the numbers of procured desktop computers that are EPEAT registered

Federal Electronics Challenge

- Voluntary program that encourages federal facilities and agencies to:
 - Purchase greener electronic products.
 - Reduce impacts of electronic products during use.
 - Manage obsolete electronics in an environmentally safe way.

<http://www.federalelectronicschallenge.net/>

EPEAT

- Helps purchasers in the public and private sectors to evaluate, compare and select desktop computers, notebooks and monitors based on their environmental attributes
- Provides a clear and consistent set of performance criteria for the design of products
- Market recognition for manufacturer efforts to reduce the environmental impact of products

<http://www.epeat.net/>

Ad-Hoc Working Group

- Created to address the Federal Electronics Challenge
- Members:

Barry Fritz, AD	Greg Mitchell, BSS
Jack Kelly, BSS	Amy Pavnica, CD
Eric McHugh, PPD	Bridget Scerini, TD
Eric Mieland, ESH	

Ad-Hoc Working Group

- 2007 goals focused on the “End-of-Life Management”
- 2008 goals to focus on “Operation and Maintenance”
 - Five Mandatory Controls
 - Six Optional Controls

Ad-Hoc Working Group

- Mandatory Goals
- <http://www.federalelectronicschallenge.net/resources/docs/awardo8.pdf>
- Ensure that your organization's Environmental Management System (EMS) addresses electronics stewardship.
- Establish and promote a policy, directive, memorandum and/or guidance for Information Technology Asset Management.
- Establish and promote a policy, directive, memorandum and/or guidance for monitor and personal computer power management. Ensure the policy addresses exceptions for sensitive equipment.
- Ensure the ENERGY STAR "Sleep" function is enabled on 100 percent of computer monitors. Exemptions from this requirement must be outlined in a power management policy, directive, memorandum and/or guidance.
- Conduct at least one employee training activity on energy conservation for electronics. Include information about your policies, directives, memoranda and/or guidance for monitor and personal computer power management.

Ad-Hoc Working Group

- Optional Activities
- <http://www.federalelectronicschallenge.net/resources/docs/optional08.pdf>
 - Ensure that 95 percent of computer desktops, laptops and monitors purchased or leased this year are EPEAT-registered products
 - Implement Managed Print Services
 - Evaluate the environmental benefits of the activities implemented under the FEC program.
 - Transport excess equipment for reuse or recycling within a 250 mile radius of the Lab.
 - Conduct an education activity of the environmental impacts of electronics for the Property, IT and/or facility management staff.
 - Require vendors to send monitors with the Energy Star “Sleep” function enabled

EPEAT Manufacturers

- Apple Inc.
- CIARA-TECH
- CTL Corporation
- Dell, Inc.
- Enano Computers
- Fujitsu Computer Systems Corporation
- Hewlett Packard
- Hyundai IT America Corp
- Lenovo
- LG Electronics USA, Inc.
- MDG Computers Canada Inc.
- MPC Computers, LLC
- NEC Display Solutions, Inc.
- Northern Micro Inc.
- One Laptop Per Child
- Panasonic
- Philips Electronics Ltd.
- Prosys Tech Corp.
- Samsung Electronics America
- Sony Electronics Inc.
- Toshiba
- ViewSonic Corporation
- Zonbu - PConRails LLC

<http://www.epeat.net/Companies.aspx>

What Can We Do?

- Vendor websites
 - Working with Apple, Dell and CDW
- Internal websites
 - Building recommended hardware pages
 - Building EPEAT pages?
- Verify Current Purchases
 - Are you already buying EPEAT systems?
- Exemption Form
 - Build standard exemption form for site to be attached to requisitions

Important Link Roll-up

White House Executive Order 13423

- <http://www.whitehouse.gov/news/releases/2007/01/20070124-2.html>

FEC Mandatory Activities:

- <http://www.federalelectronicschallenge.net/resources/docs/awardo8.pdf>

FEC Optional Activities:

- <http://www.federalelectronicschallenge.net/resources/docs/optionalo8.pdf>

EPEAT main site:

- <http://www.epeat.net>

EPEAT list of vendors and their systems:

- <http://www.epeat.net/Companies.aspx>

QUESTIONS?