



Implementing the Department of Energy's Electronics Stewardship Plan

3rd Annual Federal Electronics Stewardship Conference

February 6, 2007

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(HS-22)**



Overview



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DOE's Green Team



DOE Green Team Members

- Office of Nuclear Safety and Environment
- Office of Chief Information Officer (CIO)
- Office of Property Management
- Office of Procurement and Assistance Policy

Mission:

Partner to develop new policies, implement innovative programs, and apply lessons learned to new initiatives.



DOE's Commitment to Electronics Stewardship



Effectively Implementing Federal Requirements

- RCRA, PPA, Energy Policy Act
- Executive Orders
 - Including strategies for implementing the January 2007 EO 13423 *Strengthening Federal Environmental, Energy, and Transportation Management*
- DOE Order 450.1 Change 2
 - Integrating electronics stewardship into EMS

Establishing Partnerships among Multiple DOE HQ and Field Organizations

- FEC MOU: Supported by *CIO/AEE Memo*
 - 17 DOE Sites Become FEC Partners
- ERRC: Supported by *CIO/AEE Memo*
 - 11 DOE Sites Participated in 2006 ERRC

Helping Set the Federal Agenda

- Attending all Federal Electronics Stewardship Working Group Meetings, Conferences, Retreats, Conference Calls.
- Participating in Policy Discussions on OMB Scorecards, Implementation Plans



Greening Electronics Procurement



- **Headquarters establishes EPEAT requirement for all computers and monitors (6/06)**
- **DOE purchases more than 10,000 EPEAT registered computers and monitors (FY06)**
- **More than 40 major DOE sites report EPEAT registered procurement for Greening the Government Progress Reports (FY06)**



Improving Operations and Maintenance



- **DOE creates Common Operating Environment (COE), a procurement /IT management vehicle to coordinate contracted electronics services for DOE HQ program.**
- **DOE HQ receives FEC Bronze Award for Operations and Maintenance.**
- **DOE implements best management practices to reduce HQ energy consumption, including:**
 - **After-hours shut down of non-critical electronics in coordination with network security.**
 - **ENERGY STAR® power management features set as network default with permission required for modification on an as-needed basis.**



Greening Electronics Disposition



- **CIO COE establishes “Headquarters Indefinite Lifespan Extension and Universal Reuse Policies for CRT Monitors.”**
- **DOE wins 2006 Agency Award for Electronics Reuse and Recycling Challenge (ERRC). 11 sites recycle more than half million pounds in four months.**
- **Six DOE sites ship hundreds of reusable computer workstations to Gulf Coast.**
- **More than 40 DOE sites report on green reuse and recycling of surplus electronics in Greening the Government Progress Reports (FY 06).**



Educational Outreach and Technical Assistance



- **Tested workshop models for “Electronics Stewardship Integration Into Site EMS” at Brookhaven & Idaho National Laboratories.**
- **Trained 125 key property managers in electronics stewardship at DOE National Conference.**
- **Monthly teleconference briefings for complex-wide Pollution Prevention (P2) leadership.**
- **Hold multiple HQ trainings for IT staff, property managers, procurement specialists, environmental personnel.**



Next Steps for the Green Team



- 1. Increase participation in FEC Partnerships and 2007 ERRC.**
- 2. Expand Educational Outreach and Technical Assistance, including EMS integration workshops at multiple DOE sites.**
- 3. Produce a Headquarters Televideo Workshop on electronics stewardship best practices, reaching dozens of personnel from 25 DOE sites.**
- 4. Finalize and distribute an Acquisition Letter for DOE Contractors requiring purchase of EPEAT registered electronics.**
- 5. Finalize and post on-line the DOE Electronics Stewardship Reference Tool, a compendium of relevant policies and implementation strategies, including case studies.**



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