

| ELECTRONIC STEWARDSHIP | | Reporting Cycle: January - July, 2010 |
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| AGENCY: <i>(Insert Agency Name)</i> | Question | Agency Response |
| ES Plan (ESP) | <p>(1) ES Plan updated and copy provided to OFEE? Yes/No (If not, when to be completed)</p> <p>(2) <i>Is the ESP referenced in the Agency SSPP? Yes/No (If not, why)</i></p> <p>Note: Attach a copy of any recent updates to the ESP to your submittal.</p> | <p>(1) Yes. Prepared the Electronic Stewardship and Data Center portions of the Department's Strategic Sustainability Performance Plan (SSPP). The SSPP integrates the tenets of the Electronics Stewardship Implementation Plan (ESIP), finalized in 2007 and updated in 2009, with the requirements of EO 13514, previous Executive Orders, federal acquisition regulations, and DOE directives into a single framework to facilitate Electronic Stewardship and Data Center reporting requirements and reduce duplication. A copy of the SSPP was provided to OMB and CEQ on June 11, 2010.</p> <p>(2) The tenets of the ESIP have been capture in the sustainable environmental stewardship goals and practices in DOE Order 450.1A, <i>Environmental Protection Program</i>, which is referenced in the Electronic Stewardship and Data Center portions of the SSPP.</p> |
| Purchasing EPEAT Products at 95% | <p>a. IT contracts include EPEAT clauses? (Yes/No, if not, indicate when to be completed):</p> <p>b. Indicate+B5 % of EPEAT products purchased in FY 2009 Agency-wide:</p> <p>i. Number EPEAT Monitors purchased:</p> <p>ii. Number non-EPEAT Monitors purchased:</p> <p>iii. % EPEAT Monitors Purchased:</p> <p>iv. Number EPEAT PCs/Laptops purchased:</p> <p>v. Number non-EPEAT PCs/Laptops purchased:</p> <p>vi. % EPEAT PCs/Laptops purchased:</p> <p>c. If no reporting system in place indicate when to be completed:</p> | <p>a. The Federal Acquisition Regulation, the DOE Acquisition Regulation (DEAR) and DOE Order 450.1A require IT contracts to comply with the use of the EPEAT Product Registry in all solicitations and contracts for purchases of desktop computers, notebook computers and monitors.</p> <p>b. Indicate % of EPEAT products purchased in FY 2009 Agency-wide: 97%</p> <p>i. Number EPEAT Monitors purchased: 18,317</p> <p>ii. Number non-EPEAT Monitors purchased: 347</p> <p>iii. % EPEAT Monitors Purchased: 98%</p> <p>iv. Number EPEAT PCs/Laptops purchased: 20,904 desktops/ 10,131 laptops</p> <p>v. Number non-EPEAT PCs/Laptops purchased: 869 desktops/ 231 laptops</p> <p>vi. % EPEAT PCs/Laptops purchased: 96% of desktops/ 98% laptops</p> <p>c. If no reporting system in place indicate when to be completed): NA</p> |

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| <p>Power Management Enable in 100% Computers, Laptops and Monitors</p> | <p>a. PM enable on 100% of eligible computers and monitors Agency-wide? (Yes/No, if not, indicate when to be completed):</p> <p>b. Is there a reporting and audit system in place to ensure compliance with PM requirements? (Please explain):</p> | <p>a. Evaluation of site performance for FY 2009 reveals - 90% of DOE sites—representing over 95% of DOE federal and contractor personnel—employ power management practices. DOE will continue to strive for agency-wide conformance pursuant to the Electronic Stewardship and Data Center portions of the Department's SSPP.</p> <p>b. The DOE PPTRS system annually reports power management performance. PPTRS data is from various sources at each DOE site, checked for completeness by the site and requires an electronic signature (authorization) before being accepted into the password-protected PPTRS, the Office of Environmental Policy and Assistance conducts extensive reviews of submitted PPTRS data, including follow-up contacts with DOE sites for clarification and/or correction of data discrepancies such as data miscalculations, misplaced and/or incomplete data fields. Procurement processes and associated financial reporting at DOE sites are also subject to a separate audit system, which covers environmental preferable purchasing data, including EPEAT. Finally, all programs at DOE are subject to audits at the discretion of the DOE Inspector General.</p> |
| <p>Using Environmentally Sound Management Practices at End-of-Life</p> | <p>a. Using GSA Xcess? (YES/NO):</p> <p>b. Using CFL? (YES/NO):</p> <p>c. Using Unicor? (YES/NO):</p> <p>d. Using private Recycler certified under R2 guidance or equivalent certification (YES/NO, if not, explain):</p> <p>e. Indicate % of surplus or EOL electronics that was reused or recycled:</p> <p>f. If no reporting system in place indicate when to be completed:</p> | <p>a. Yes</p> <p>b. Yes</p> <p>c. Yes</p> <p>d. Yes</p> <p>e. 99% of surplus or EOL electronics were reused or recycled.</p> <p>f. Reporting system (PPTRS) is in place, with annual reporting by DOE sites</p> |
| <p>Data Center Consolidation Program</p> | <p>a. Has Agency conducted an initial inventory of their data center assets? (required by 4/30/2010): Y/N (if not, why?)</p> <p>b. Has agency completed initial data center consolidation plan? (required by 6/30/10): Y/N (if not, why?)</p> <p>c. Will Agency be able to collect the final data center asset inventory baseline containing more detailed data by 7/30/10? Y/N (if not, why?)</p> <p>d. Will Agency be able to develop final data center consolidation plan by 8/30/10? Y/N (if not, why?)</p> <p>e. Will Agency be able to reflect data center consolidation plans in the FY12 budget? Y/N (if not, why?)</p> | <p>a. Yes</p> <p>b. Yes</p> <p>c. Yes</p> <p>d. Yes</p> <p>e. The assessment of asset inventory and the development of the consolidation plan are ongoing processes, which will inform budgetary planning. Guidance for the annual executable plans will include data center consolidation plans. Sites will submit these final plans in December, and it is anticipated that these plans will inform the FY2013 budget.</p> |

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| <p>Key Actions taken since Jan 10 Reporting Cycle</p> | <p>Please be specific for each area:</p> <p>a. EPEAT:</p> <p>b. Power Management:</p> <p>c. End-of-life:</p> <p>d. Reporting/auditing compliance System:</p> <p>e. Data Center Consolidation:</p> | <p>Key actions since Jan 2010:</p> <p>a. EPEAT: 12 DOE sites will receive 2010 FEC awards; 6 of the DOE sites are first time winners.</p> <p>b. Power Management: The PPTRS data call asked sites to identify the mechanisms through which power management features are enabled (i.e. through a site wide LAN, or through desktop configurations). Also, all three sites identified in the Inspector General report (May 2009) as not having implemented power management have since purchased and installed LAN-based software to implement site wide power management.</p> <p>c. End-of-life: 19 DOE sites participated in the 2009 Electronics Reuse and Recycling Campaign (ERRC) recycling and reusing more than one million pounds of end of life (EOL) electronics.</p> <p>d. Reporting/auditing compliance System: Continued to upgrade and enhance the PPTRS to improve and refine data collection from DOE sites for FEC, OFEE, and OMB reporting purposes, and to improve the system's analytical capabilities.</p> <p>e. Data Center Consolidation: Most DOE facilities are in the process of improving data center efficiency and implementing data center consolidation and virtualization. An energy efficiency assessment for the DOE Headquarters data center in Germantown was completed and will be used to (1) improve energy performance at the data center in Germantown, and (2) serve as a model for monitoring and continuous improvement in large enterprise data centers within DOE.</p> |
| <p>Planned Actions for Jan 11 Reporting Cycle</p> | <p>(1) Please be specific for each area:</p> <p>a. EPEAT:</p> <p>b. Power Management:</p> <p>c. End-of Life:</p> <p>d. Reporting/auditing compliance System:</p> <p>e. Data Center Consolidation:</p> <p>(2) Are these planned actions identified in the Agency SSPP? YES/NO (If not, why)</p> | <p>(1) Planned actions for Jan 2011:</p> <p>a. EPEAT: Procurement training at DOE sites, especially ones less than 100% EPEAT compliant.</p> <p>b. Power Management: Promote strategies for power management at non-compliant sites.</p> <p>c. End-of Life: Develop Responsible Recycling (R2) training for DOE sites. Additionally, continue building Green IT Work Groups at sites; conduct outreach and education programs on implementation of electronics stewardship; conduct monthly conference calls with DOE IT, acquisition, property management, and EMS staff; and promote DOE-wide participation in ERRC.</p> <p>d. Reporting/auditing compliance System: Continue to refine PPTRS tracking and reporting system, including enhancements in support of performance reporting under EO 13514 and the DOE SSPP.</p> <p>e. Data Center Consolidation: Continue internal DOE Data Center Working Group, and, CIO, EERE, and DOE site active participation. Share DOE site data center energy efficiency best practices with DOE field and program elements.</p> <p>(2) Planned actions identified in the Agency SSPP? Yes</p> |

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| <p>Expected to meet all EO 13423 Section 2H goals by December 2010?</p> | <p>Yes/No (If not, why and when to be completed):</p> | <p>Yes, with possible exception of power management due to security and other programmatic concerns (See additional comments below).</p> <p>If not, why and when to be completed: May 2009 Inspector General report, Department of Energy Efforts to Manage Information Technology Resources in an Energy-Efficient and Environmentally Responsible Mann, found some DOE sites did not adequately reduce energy consumption through power management. The FY 2009 PPTRS data call asked sites to identify impediments to enabling power management features. The data call also asked sites to identify power management mechanisms (i.e., site wide LAN or desktop configurations). All three sites identified by the IG subsequently installed LAN-based software to implement site wide power management. DOE will continue to strive for agency-wide conformance pursuant to the Electronic Stewardship and Data Center portions of the Department's SSPP.</p> |
| <p>Additional Comments</p> | | |