

CURRENT STATUS (As of July 1, 2010) ¹	PROGRESS	COMMENTS
		<p>Sustainability Order, to implement the SSPP, and replace the existing DOE Orders 450.1A (environmental program) and 430.2B (energy and facilities management).</p> <ul style="list-style-type: none"> - reduce energy and water consumption - construct high performance and sustainable buildings - procure environmentally preferable and energy efficient products - reuse and recycle demolition and deconstruction materials - reduce or eliminate the use of toxic chemicals and hazardous materials. - incorporate electronics stewardship practices for purchase, use and disposition of electronic assets - conduct operations to minimize the direct and indirect generation of greenhouse gases <p>http://management.energy.gov/documents/AL2009-08.pdf</p>

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<ul style="list-style-type: none"> Green purchasing: <ul style="list-style-type: none"> ___ Agency has affirmative procurement program (APP) for all green products and services, demonstrates & monitors compliance, develops corrective actions if applicable, and conducts training (G) ___ Agency has APP and can demonstrate compliance in representative acquisitions for all green purchasing areas (Y) 	<p><u>Actions taken since January 1, 2010:</u></p> <ul style="list-style-type: none"> Prepared the green purchasing portions of the Department's Strategic Sustainability Performance Plan (SSPP). The SSPP integrates the requirements of EO 13514, previous Executive Orders, energy statutes, and federal acquisition regulations into a single framework to streamline reporting requirements and reduce duplication. <ul style="list-style-type: none"> DOE commits to ensure that 95% of new contract actions will require the supply or use of products and services that are energy efficient, water efficient, bio-based, environmentally preferable, non-ozone depleting, contain recycled content, or are non- or less-toxic alternatives. DOE commits to update affirmative procurement plans, policies, and programs to ensure Federally-mandated designated products and services are included in relevant acquisitions. Completed an evaluation of the FY 2009 reported EPP data, and provided performance summaries to program and field elements covering: <ul style="list-style-type: none"> purchases of recycled content products exceeded \$38,000,000 increases in both the variety of biobased products purchased and the number of DOE sites making these purchases. 	<ul style="list-style-type: none"> DOE implemented policies for the acquisition of environmentally preferable products, including: <ul style="list-style-type: none"> DOE Order 450.1A, <i>Environmental Protection Program</i>, (June 2008) which requires integration of EO 13423 sustainable acquisition practices and goals in EMS. http://www.directives.doe.gov/pdfs/doe/doetext/neword/450/o4501a.pdf DOE Acquisition Regulations (DEAR), <i>Acquisition and Use of Environmentally Preferable Products and Services</i> (48 CFR 970.5204); and <i>Affirmative Procurement Program</i> (48 CFR 970.5223-2) http://management.energy.gov/DEAR970.pdf DOE Acquisition Guide, Chapter 23, <i>Strengthening Federal Environmental, Energy, and Transportation Management in Acquisition</i>, was renamed and updated to implement the sustainable acquisition requirements of EO 13423, and includes new items such as the Electronic Product Environmental Assessment Tool (EPEAT), WaterSense, Plug-In Hybrid Vehicles, and Sustainable Design/High Performance Buildings. This Guide addresses the role of the Green Acquisition Advocates in promoting and implementing environmentally preferable purchasing, including

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		<ul style="list-style-type: none"> - Preferences established at multiple DOE sites for purchases of EnergyStar, FEMP-designated, and WaterSense products • Continued to help sites transition to more environmentally preferable products, including recycled content and biobased content, EnergyStar/FEMP-designated, EPEAT-registered electronics, and products with environmentally preferable attributes, including low-standby power, non-ozone depleting, and WaterSense. <ul style="list-style-type: none"> - Evaluated 10 designated environmentally preferable and healthier products for sites to consider. - Participated in the EPEAT standard setting process for imaging equipment. - Initiated a pilot on performance of biobased toner cartridges at 2 DOE locations. - Submitted "green business" recommendations for the North American Industry Classification System codes. - Evaluated the FY2009 EPP data and submitted performance summaries to DOE secretarial offices and sites • Continued to support and expand the Environmental Management System Assistance Network (EMSAN) and provided training 	<p>the USDA Biobased Product Procurement Preference Program in DOE contracting activities. http://management.energy.gov/documents/AcqGuide23pt0Rev1.pdf</p> <ul style="list-style-type: none"> - DOE Acquisition Letter, <i>Energy Efficiency of Energy Using Products - Implementation of Section 104 of the Energy Policy Act of 2005</i> on specification of ENERGY STAR® qualified products or products conforming to FEMP Energy Efficiency Requirements in DOE acquisition contracts. - DOE Acquisition Letter, <i>Environmentally Preferable Purchasing Through the Use of the Electronic Product Environmental Assessment Tool (AL-2007-08)</i> on DOE contractor purchasing of environmentally preferable electronics, and specification of EPEAT-registered products in DOE acquisition contracts. • DOE <i>Environmentally Preferable Purchasing Program Overview</i> provides guidance on and web-based access to the policies, procedures and reporting related to the acquisition of recycled-content products, biobased-content products, including biofuels, energy efficient products, and non-ozone depleting products. This Overview, in concert with the Acquisition Guide (Chapter 23), and the policies, procedures and reporting discussed therein,

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		<p>and technical assistance to DOE sites on implementing EO 13423 and EO 13514 sustainable acquisition practices and goals in sites EMSs.</p> <ul style="list-style-type: none"> - Held an EMS training workshop as part of a broader sustainability training session at the Hanford Site. <ul style="list-style-type: none"> • Continued and updated outreach and education program on EPP at DOE, including an on-line, web-based reference library, holding training workshops, maintaining a hotline call-in service, on-site assistance visits, network contact list to facilitate sharing information among DOE sites, and quarterly teleconferences with sites' green acquisition advocates (procurement personnel), and environmentally preferable purchasing coordinators. - Responded to 67 EPP-related hotline queries. - Visited the Hanford Site on February 3, 2010, to assist in establishing an EPP tracking system - Held Responsible Purchasing Agent training webinar on March 11, 2010. - Held two EPP quarterly teleconferences on January 28 and April 29, 2010. - Continued to update the DOE web-based EPP reference library. 	<p>constitute the Department's "green purchasing plan."</p> <ul style="list-style-type: none"> • Detailed information on DOE's Environmentally Preferable Purchasing, including acquisitions of recycled-content, biobased-content, and EPEAT-registered products, is reported in the annual APP progress report to the OFEE and OMB. This report also includes DOE information on solid waste diversion (recycling), greenhouse gas emissions avoided, green purchasing promotion, training, and compliance monitoring and auditing. • In 2008, the <i>U.S. Department of Energy Environmentally Preferable Purchasing Handbook</i> was updated to reflect EO 13423, DOE Orders 450.1A (Environment) and 430.2B (Energy) sustainable acquisition practices and goals. http://www.hss.doe.gov/pp/epp/EP-P-DOE-Handbook-rev12.pdf • DOE issued Acquisition Letter AL 2008-05, 04/03/08, <i>Environment, Energy, and Transportation Management</i>, on the applicability of EO 13423 to contractor operation of Government-owned facilities and/or vehicles, including the sustainable acquisition provisions of the EO. http://management.energy.gov/documents/AL2008-05.pdf

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		<p><u>Planned actions for next six months:</u></p> <ul style="list-style-type: none"> • Continue to support and expand EMSAN to inform sites about the EPP contracting and other energy and environmental sustainability goals outlined in the SSPP. • Continue to integrate language into new contract actions to require the supply or use of products and services that are energy efficient, water efficient, bio-based, environmentally preferable, non-ozone depleting, contain recycled content, or are non-toxic or less toxic alternatives. • Continue to assist sites transition to more environmentally preferable products, including recycled content and biobased content, EnergyStar/FEMP, EPEAT-registered electronics, and environmentally preferable products with attributes, including low-standby power, non-ozone depleting, and WaterSense. • Conduct annual Pollution Prevention Tracking and Reporting System data call covering Department-wide purchases of environmentally preferable products in FY 2010, including DOE purchases of recycled content (indicator) products, biobased content product purchasing, EPEAT-registered electronics purchasing, and operations, service and supply contracts with EPP purchasing and use specifications.

ENVIRONMENTAL STEWARDSHIP SCORECARD

Department of Energy

CURRENT STATUS (As of July 1, 2010) ¹	PROGRESS	COMMENTS
<ul style="list-style-type: none"> Sustainable design/green bldgs²: ___ Implements Guiding Principles and is on track to meet the 15% goal by 2015 (>3 percent sustainable) (G) ___ Implements Guiding Principles on all <i>new</i> building projects & leased space (>1.75 percent sustainable)(Y) 	<p><u>Actions taken since January 1, 2010:</u></p> <ul style="list-style-type: none"> Prepared the HPSB portions of the Department's Strategic Sustainability Performance Plan (SSPP). The SSPP integrates the requirements of the Department's Sustainable Buildings Implementation Plan (SBIP), which was prepared in August 2008 and updated in 2009, with the requirements of EO 13514, previous Executive Orders, energy statutes and federal acquisition regulations into a single framework to streamline reporting requirements and reduce duplication. Recast the existing High Performance Sustainable Buildings Work Group (HPSBWG) to serve as an integral part of the Department's EO 13514 Governance Model to develop the SSPP. The new HPSBWG, co-chaired by DOE's Office of Engineering and Construction Management (OECM) and a site representative, led the effort to develop the HPSB portions of the SSPP, and it will continue to advise DOE programs and sites about sustainability issues and advance the implementation of the SSPP. Continued evaluations by DOE sites on the extent to which their existing buildings meet the HPSB guiding principles by using tools such as the Existing Buildings 	<ul style="list-style-type: none"> DOE Order 430.2B, <i>Departmental Energy, Renewable Energy, and Transportation Management</i> and its associated <i>Contractor Requirements Document</i>, requires that all new buildings/major renovations >\$5 million meet the Guiding Principles and attain LEED Gold; at least 15% of enduring buildings comply with the Guiding Principles by 2015; procurement specifications for new leases include a preference for LEED Gold; and existing leases support the Guiding Principles (http://www.directives.doe.gov/pdfs/doe/doetext/neword/430/o4302b.pdf). DOE Order 430.2B requires that, starting in FY 2008, all Departmental Element and Contractor procurement specifications for acquiring new leased space include a preference for buildings certified as LEED Gold, and that when entering into, renegotiating, or extending existing leases the lease provisions support the Guiding Principles. In June 2008, DOE Guide 413.3-6, <i>High Performance Sustainable Building</i> was published in the DOE Directives System. The Guide focuses on incorporating HPSB principles in program and project management of capital assets involving new construction

² Agencies are responsible for requesting GSA to institute sustainable design in contracts and leases on its behalf.

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		<p>Assessment Tool (EBAT), the Sustainable Buildings Assessment Tool (SBAT), and EPA's Portfolio Manager Tool.</p> <ul style="list-style-type: none"> - As of June 30, 2010, 6,329 buildings totaling 67,364,019 gsf have been assessed or determined "not worth assessing" for sustainability (i.e., HPSB principles). - As of June 30, 2010, 30 buildings (24 new construction and 6 existing buildings) totaling 2,427,606 gsf meet 100% compliance with the HPSB principles. DOE added 9 buildings and 681,180 gsf to its sustainable building inventory in the last 6 months. - The remaining inventory of buildings determined to be worthy of assessing have been assigned dates by which sustainability assessments are to be conducted. • Incorporated cost-effective, innovative building strategies into projects to minimize energy, water, and material consumption. <ul style="list-style-type: none"> - Oak Ridge National Laboratory (ORNL) has completed retrofits that are expected to establish an office building controlled by a building automation system as DOE's first net-zero energy building. - ORNL also completed retrofits to an office building for LEED-EB Gold certification. The documented process is expected to serve as a template for future <p>and major renovation of facilities, pursuant to the HPSB requirements of DOE Order 413.3A and EO 13423. http://www.directives.doe.gov/pdfs/DOE/DOETEXT/neword/413/g4133-6.pdf</p> <ul style="list-style-type: none"> • In 2008, the HPSB Working Group developed, tested, implemented, and disseminated an assessment tool to DOE sites for use in evaluating how their buildings conform to the HPSB principles. The tool includes a checklist for evaluating conformance with the principles (which is a modification of the "LEED for Existing Buildings, Operations and Maintenance Certification Checklist" that matches LEED credits to their corresponding HPSB principles). The assessment tool calculates the percentage of HPSB principles met and/or the level of LEED certification attained. • DOE's real property inventory is documented in both the Facilities Integrated Management System (FIMS), which tracks real property assets, and the Federal Real Property Reporting System (FRPRS). <ul style="list-style-type: none"> - In 2008, DOE modified FIMS to include fields that allow for tracking compliance with the Guiding Principles as well as documentation of LEED-registered and certified buildings. - To facilitate site use of the new fields, DOE expanded the FIMS administration and helpdesk to support additional users, and the

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		<p>EB projects.</p> <ul style="list-style-type: none"> - Lawrence Livermore National Laboratory's (LLNL's) TeraScale Facility (TSF) received LEED-EB Gold certification. The facility is one-of-a-kind due to its size (241,197 square feet) and mission (hosts two of the world's fastest computers). A special research and calculation package were developed to benchmark the TSF's performance against other datacenters. - National Renewable Energy Laboratory's (NREL's) new Research Support Facility (RSF) is seeking LEED Platinum certification and is designed to use 50% less energy than the current commercial building code. On-site renewable energy will meet energy demand, making this the largest net-zero energy building in the U.S. - Two DOE leased buildings received LEED Gold certification. These buildings were the 78,218-square foot Biological Sciences Facility and the 65,861-square-foot Computational Sciences Facility, both located at the Pacific Northwest National Laboratory. - Sandia National Laboratories (SNL) earned LEED EB Silver certification and Energy Star Rating for a 14,683-square foot office building. It is the first private or public building in New Mexico to earn LEED EB 	<p>DOE OECM provided training on the new FIMS sustainable building elements to site FIMS administrators at the Department's FIMS/Real Property Workshop in June 2008.</p> <ul style="list-style-type: none"> - FIMS also provides the candidate inventory for reporting progress in meeting the goal of having 15% of the existing buildings conform to the HPSB principles by 2015. The candidate inventory includes all enduring buildings (owned and leased) greater than 1,000 gsf that are not shut down or outgranted in their entirety and will not be excessed or disposed by 2015. • DOE sent a letter to GSA dated January 26, 2009, requesting that GSA specify LEED Gold for new facilities and set a preference for LEED Gold for existing spaces when leasing on DOE's behalf. • In June 2009, DOE issued Acquisition Letter, "Greening Considerations under Awards Using American Recovery and Reinvestment Act (ARRA) of 2009 Funding" (AL-2009-08) to ensure that all contracts where ARRA funded work is performed on a DOE covered workplace contain sustainability requirements, including EMS objectives and targets to, among other things, construct high performance and sustainable buildings (http://management.energy.gov/documents/AL2009-08.pdf).

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		<p>certification.</p> <ul style="list-style-type: none"> - SNL have installed cool roofs on 2,100,000 square feet (76%) of the laboratory's total site roofing. The cool roofs are constructed with bright white membranes or coated with a white roof coating to reduce the heat island effect at this southwest U.S. installation. - NNSA has implemented its Roof Asset Management Program as corporate approach to managing roofs across the Department's nuclear weapons complex that treats roofs at multiple sites as an aggregate portfolio and earmarks a reliable funding stream for repairs and replacements. The program is designed to attract the technical expertise of "best in class" national roofing consultants and contractors and achieve economies of scale in roof repairs and replacements. It has documented significant savings and enhanced the value added to the facilities' portfolio through optimal repairs. - DOE submitted feasibility study to GSA regarding the installation of green and white roofs on its HQ buildings. • Through the HPSBWG, DOE continued to provide training and outreach to facilitate implementation of the HPSB principles across the DOE complex. This training included on-site demonstrations and on- 	

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		<p>demand webinars conducted by contractor personnel with hands-on experience in building assessment and improvement on the use of assessment tools such as EPA's Portfolio Manager System and on ways for greening buildings once they have been assessed. On-site training occurred at several sites, including Argonne National Laboratory, Brookhaven National Laboratory, Hanford, Pantex Plant, SLAC National Accelerator Laboratory, SNL, and Western Area Power Administration).</p> <ul style="list-style-type: none"> • Issued new Departmental <i>Guidance on the Acceptable Documentation of Sustainability</i>, which was subsequently used to validate sustainability assessments at 15 DOE buildings. • Initiated a review of the Fiscal Year 2009 guidance for preparing site-specific Executable Plans to improve it for updating the site-specific Executable Plans that are due by December 31, 2010. • Prepared a guide for DOE site use in exporting Federal facility information into EPA's Portfolio Manager System using the Federal Building Import Template. This guide helps sites to automatically populate the Guiding Principles Checklist when sufficient consumption data have been entered. • DOE continued its leadership role and participation in the 	

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		<p>Interagency Sustainability Working Group (ISWG).</p> <p><u>Planned actions for next six months:</u></p> <ul style="list-style-type: none"> • Accelerate the process of completing building assessments for all DOE buildings. • Continue conducting existing building sustainability assessments at the site level by using the EBAT, SBAT, and the EPA's automated Portfolio Manager System and undertaking actions to achieve 15% candidate existing building inventory conformance with the HPSB principles by 2015, as described in the SSPP. • Continue implementing the HPSB principles in all new construction projects and attain LEED Gold certification (or greater) for all new construction and major building renovations in excess of \$5 million. Also, continue efforts to incorporate HPSB principles in leases. • Continue tracking and reporting on DOE progress in achieving the sustainable building goals (now consolidated in the SSPP). <p>- Input results of the building-level evaluations into the sustainability section of the DOE Facilities Information Management System (FIMS) and the FRPP, which serve as central locations for tracking Departmental progress in meeting the 15%-by-2015 goal, and roll up results to the</p>	

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		<p>program level for performance reporting.</p> <ul style="list-style-type: none"> - Review FIMS data on a quarterly basis to track progress toward meeting the 15% goal. • Monitor site progress in meeting the HPSB approaches and goals set forth in the DOE SSPP and site-specific Executable Plans, and submit progress report (Annual update) to OMB/OFEE for the January 2011 Environmental Stewardship Scorecard. • Submit site and program office updates to the site-specific Executable Plans that were submitted to HQ in 2008 and updated in 2009, in accordance with DOE O 430.2B, by December 31, 2010. • Implement a change to the FIMS to facilitate reporting on metered use of electricity, gas (natural and other), and water (steam, potable, and nonpotable). • Continue providing Portfolio Manager System and other on-site and web-based training and outreach to DOE sites. • Create an energy and sustainability best practices central portal for DOE to consolidate all best practices and case studies currently from across the Department and allow for the sharing of these practices and studies among the 10 program offices and 47 sites. 	

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		<ul style="list-style-type: none"> • Begin to plan an annual sustainability summit to discuss internal DOE energy and environmental sustainability issues to further the sharing of HPSB knowledge across the Department. • Continue leadership in the DOE HPSBWG and ISWG to facilitate implementation of HPSB Guiding Principles across the Complex and the Federal government. • Maintain High Performance Federal Building Database. 	

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<ul style="list-style-type: none"> Electronic stewardship (ES): ___Acquires ≥ 95% EPEAT-registered electronics; enables power management features on 100% of eligible PCs laptops & monitors; strives to extend life to ≥4 years & uses sound disposition practices (G) ___ Has ES plan & on track to implement goal by Dec 2010 (Y) 	<p><u>Actions taken since January 1, 2010:</u></p> <ul style="list-style-type: none"> Evaluated FY 2009 PPTRS data covering Department-wide electronics stewardship practices, including purchases of EPEAT-registered equipment, use of EnergyStar power management features, and disposition of end-of-life electronics. <ul style="list-style-type: none"> More than 97% of DOE electronics purchases were EPEAT-registered. Over 95% of DOE federal and contractor personnel employ power management practices. More than 99% of surplus and end-of-life electronics were reused or recycled. Used the EPEAT benefits calculator to quantify environmental benefits, electronic stewardship efforts in FY 2009 will save the DOE more than <ul style="list-style-type: none"> 162,702,782 kilowatt hours, \$15,391,683, and 113,227,957 kg of carbon dioxide equivalent CO₂e. Participated in the annual Electronics Reuse and Recycling Campaign (ERRC), recycling and reusing more than one million pounds of end of life (EOL) electronics at 19 sites. Won the Large Civilian Facility Award for recycling 400,119 pounds of EOL electronics at Sandia National Laboratories, NM. 96% of DOE sites were registered 	<ul style="list-style-type: none"> On June 4, 2008, the Deputy Secretary of Energy approved DOE Order 450.1A, <i>Environmental Protection Program</i>, establishing new sustainable environmental stewardship goals for the Department, including an electronics stewardship goal, and integrating EO 13423 sustainable electronic stewardship practices and goals into EMSs at DOE sites. http://www.directives.doe.gov/pdfs/doe/doetext/neword/450/o4501a.pdf DOE Headquarters is an active member of the Federal Electronics Stewardship Work Group (FESWG) participating in all monthly meetings since its 2005 inception. DOE Electronics Stewardship Implementation Plan, first issued in 2006, identified departmental actions for implementing the commitments set forth in the <i>Memorandum of Understanding (MOU) Promoting Stainable Environmental Stewardship of Federal Electronic Assets</i>. <ul style="list-style-type: none"> Updated in 2007 to reflect ownership under the newly established Office of Health, Safety, and Security (HSS), and the electronic stewardship requirements of EO 13423. DOE representatives on the FESWG have held multiple educational meetings on the FEC and DOE's commitments under EO 13423 and DOE Order 450.1A with the Department's CIO representatives, procurement

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		<p>Federal Electronics Challenge (FEC) Partners in 2009.</p> <ul style="list-style-type: none"> • Won multiple FEC awards. The Gold Level Award Recipient is NREL. The Silver-Level Award Recipients are: East Tennessee Technology Park, INL, NETL, SPR, and the Y-12 National Security Complex. The Bronze-Level Award Recipients are: Idaho Cleanup Project, LLNL, Portsmouth Gaseous Diffusion Plant, Richland Site Office, and SLAC. • Improved data center efficiency and implementing data center consolidation and virtualization at several sites. <ul style="list-style-type: none"> - PNNL received a DOE EStar award, in part for smart energy management of the Data Center housed in the Computational Sciences Facility and Biological Sciences Facility. - ANL received an EStar award for innovative energy-efficient techniques employed in the Leadership Computing Facility. - Hanford's data center consolidation project consolidated 11 server farms to 2 datacenters, and a server virtualization project at Hanford is ongoing. - NREL's RSF data center was virtualized and consolidated, optimizing power usage effectiveness (PUE) to 1.1:1, a significant improvement over the <p>specialists, and property management personnel.</p> <ul style="list-style-type: none"> • DOE's Offices of the CIO and Federal Energy Management Program have implemented best management practices to reduce energy consumption at Headquarters, including: <ul style="list-style-type: none"> - After-hours shut down of non-critical electronics and electrical equipment in coordination with network security. - ENERGY STAR® power management features set as network default. - Employee instructional material provided on energy conservation. • DOE Office of the CIO established EPEAT registration as a procurement requirement starting in FY 2007, for the acquisition of Headquarters electronics (desktop computers, notebooks, and monitors). • DOE Acquisition Letter, <i>Environmentally Preferable Purchasing Through the Use of the Electronic Product Environmental Assessment Tool (EPEAT)</i> (AL-2007-08) issued on DOE contractor purchasing of environmentally preferable electronics, and specification of EPEAT-registered products in DOE acquisition contracts (04/27/07). • In August 2008, DOE reached a precedent-setting agreement with the Federal Electronics Challenge

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		<p>industry average of 3:1.</p> <ul style="list-style-type: none"> - NREL and Pantex are in the process of implementing server virtualization and consolidation. - DOE Headquarters Forrestal data center was virtualized and consolidated into the Germantown data center, saving money in space rental costs and utility bills. <ul style="list-style-type: none"> • An energy efficiency assessment was completed in June 2010 for the DOE Headquarters data center in Germantown. The results of the assessment 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. • 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. • Undertook corrective actions in response to the findings from the May 2009 DOE Inspector General which found that several DOE sites did not adequately deploy power management strategies. <ul style="list-style-type: none"> - All three sites identified in the IG report as not having implemented power management have since purchased and installed LAN-

to share green procurement, operations, and recycling data from the DOE Pollution Prevention Tracking and Reporting System (PPTRS) for 2008 and subsequent years. This annual data harvest from all DOE sites will now be utilized for FEC annual reporting, reducing administrative burdens for DOE facilities. DOE will become the first federal agency to report agency- wide data totals as an FEC Agency Partner.

- A revised Information Brief on Implementing Electronics Stewardship at DOE Facilities was issued to the DOE Complex in October 2008. This Information Brief highlights sustainable practices and goals of EO 13423 and DOE-Order 450.1A and describes the expand performance reporting under DOE's equivalent electronics stewardship program. http://www.hss.doe.gov/nuclearsaf/ety/env/guidance/p2/electronics_stewardship.pdf

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		<p>based software to implement site-wide power management.</p> <ul style="list-style-type: none"> • Developed a technical assistance tool for Integrating Sustainable Practices, including electronics stewardship, into EMSs. This tool was utilized in training at Lawrence Livermore National Laboratory, Lawrence Berkeley National Laboratory, SLAC National Accelerator Laboratory, Sandia National Laboratories, Oak Ridge National Laboratory, Y-12 National Security Complex, Nevada Test Site, and Pacific Northwest National Laboratory. Additional copies of the tool were widely distributed to all DOE sites and to DOE sustainability personnel. • Prepared the Electronic Stewardship portions of the Department's Strategic Sustainability Performance Plan (SSPP). The SSPP integrates the requirements of the Department's Electronic Stewardship Implementation Plan, which was updated in 2009, with the requirements of EO 13514, previous Executive Orders, and federal acquisition regulations into a single framework to facilitate Electronic Stewardship and Data Center reporting requirements and reduce duplication. • Continued outreach and education programs on the implementation of electronics stewardship at DOE sites. Conducted monthly conference calls with DOE IT,

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		<p>acquisition, property management, and EMS coordinators; promoted Department-wide participation in the ERRC; and recruited new members for the FEC. Outreach highlighted providing assistance to sites on sustainable practices, particularly power management.</p> <ul style="list-style-type: none"> Continued collaboration among EPA, DOE and FEMP regarding the review and programming of resources to expedite a new EPEAT server standard over a two-year period. <p><u>Planned actions for next six months:</u></p> <ul style="list-style-type: none"> Continue outreach and education programs on the implementation of electronics stewardship. Conduct conference calls with DOE IT, acquisition, property management, and EMS staff; and promote Department-wide participation in the ERRC FEC. Initiate development of a plan for inventorying and retiring Departmental printers incapable of duplex printing. Include language in the Executable Plan Guidance requesting sites to identify potential energy conservation measures for both data center facility infrastructure and IT systems. Monitor site progress in energy conservation measures for data centers as set forth in the SSPP through site-specific Executable Plans. 	

ENVIRONMENTAL STEWARDSHIP SCORECARD
Department of Energy

ENVIRONMENTAL STEWARDSHIP STANDARDS FOR SUCCESS

 Green	 Yellow	 Red
<p>Agency:</p> <ul style="list-style-type: none"> • Met ≥80% green and <5% red on metrics per the EMS report card. • Has a comprehensive, written affirmative procurement program (APP) that includes all green products and services covered in EO 13423, demonstrates compliance in representative acquisitions (e.g., construction, O&M, office supplies, etc.); monitors compliance annually; develops corrective action plans to address shortcomings and conducts training. • Demonstrates implementation of Guiding Principles (GP) for new, existing and leased buildings; and is on track to meet 15% goal in EO 13423. (At least 3 percent of buildings above 5K gsf must meet GP). • Demonstrates comprehensive implementation of a sustainability program for Electronic Stewardship (ES), which at a minimum promotes the purchase, operation, and use of end-of-life management strategies for electronic assets consistent with the EO 13423 Electronics Stewardship goal and implementing instructions. 	<p>Agency:</p> <ul style="list-style-type: none"> • Has <10% red on EMS metrics per the EMS report card. • Has an APP for all green products and services covered in EO 13423; and can demonstrate compliance in representative acquisitions (e.g., construction, O&M, office supplies, janitorial, etc.). • Has policies in place for and is incorporating guiding principles into all new design contracts for construction, major renovations and leases (those awarded in FY 2007 and beyond), and at least 1.75 percent of buildings above 5K gsf meet GP. • Has developed an Electronic Stewardship program and is on track to implement 100% of planned milestones to meet the EO 13423 ES goal, no later than December 2010. 	<p>Agency:</p> <ul style="list-style-type: none"> • Has ≥10% red on EMS metrics per the EMS report card. • Has no APP or only has an APP for some products and/or cannot demonstrate inclusion of requirements for green products in representative acquisitions. • Cannot demonstrate incorporation or compliance with guiding principles on new construction, major renovations, or leases, and/or has not developed a sustainable buildings program, and/or less than 1.75 percent of inventory meets GP. • Does not have a program to implement the EO 13423 Electronic Stewardship goal by 2010 and/or has missed planned ES milestones.

² Agencies are responsible for requesting GSA to institute sustainable design in contracts and leases on its behalf.