


ENVIRONMENTAL STEWARDSHIP SCORECARD
Department of Energy

		CURRENT STATUS (As of June 30, 2007)		PROGRESS	COMMENTS
<p>ENVIRONMENTAL STEWARDSHIP</p> <p>Senior Agency Official: Alexander Karsner</p> <p>Lead EOP Analysts: Cyndi Vallina and Dana Arnold</p>		<p><u>Metric #1</u></p> <ul style="list-style-type: none"> • EMS report card criteria met: ___100% report card criteria met _(date)_(G) • ___50% report card criteria met _(date)_(Y) <p><i>Note: EMS report card criteria score not applicable to mid-year progress report.</i></p>		<p><u>Actions taken since January 1, 2007:</u></p> <ul style="list-style-type: none"> • Completed EMS verification at the three remaining DOE sites; 100% of DOE “appropriate facilities” declared that an EMS is in place. • Conducted DOE Annual Pollution Prevention/ EMS Workshop featuring EMS as the primary management framework for implementing Executive Order (EO) 13423 <i>Strengthening Federal Environmental, Energy and Transportation Management</i>. • Developed work plan to revise DOE Order 450.1, <i>Environmental Protection Program</i> to establish EMS as the primary management framework for implementing the sustainable practices and goals of EO 13423. • Established Environmental Management System Assistance Network (EMSAN) to provide awareness training and technical assistance to DOE sites on 	<ul style="list-style-type: none"> • DOE Order 450.1, <i>Environmental Protection Program</i> (01/15/03), requires implementation of EMS at DOE sites. • EMS Self-Declaration Protocol included as part of DOE Guide 450.1-1, <i>EMS Implementation Guide</i> (02/18/04). • Detailed information on DOE’s implementation of EMS at “appropriate facilities” across the complex is reported annually to the EPA and OFEE, based on site information reported in the on-line FedCenter reporting database. • Hosted, at DOE Headquarters, EPA’s (Region III) training sessions: <ul style="list-style-type: none"> - Chesapeake Bay-focused EMS (08/29-30/06); - EMS Internal Audit Training, (08/31/06-09/01/06). • Conducted multiple-day, on-site EMS continuous improvement

			<p>implementing EO 13423 sustainable practices and goals in the site's EMS</p> <p><u>Planned actions for next six months:</u></p> <ul style="list-style-type: none"> • Initiate revision of DOE Order 450.1, <i>Environmental Protection Program</i> to establish EMS as the framework to implement, manage, measure and continually improve upon, the sustainable environmental, energy, and transportation practices and goals of EO 13423 <ul style="list-style-type: none"> - Submit the revised Order into DOE Directives System approval process by 2nd quarter FY08. • Assist EPA and OFEE in developing Federal guidance on incorporating EO 13423 goals, including the multi-year energy and transportation goals, into EMSs. 	<p>workshops featuring Federal leadership initiative on electronic stewardship at two DOE national laboratories (2006).</p> <ul style="list-style-type: none"> • A summary of DOE's progress implementing EMS is provided in the Greening the Government EO13148 Annual Progress Report (2006) is available at: www.hss.energy.gov/nuclearsafety/nsea/oepa/reports/eo13148/2007.pdf
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	<p><u>Metric #2</u></p> <ul style="list-style-type: none"> Green purchasing: <u>√</u> Agency has green purchasing plan (GPP), representative acquisitions, audit program, and corrective action plan if applicable <u>2006 & 2007 Updates</u> (G) <u>___</u> Agency has partial GPP and representative acquisitions <u>_(date)_(Y)</u> 	<p><u>Actions taken since January 1, 2007</u></p> <ul style="list-style-type: none"> DOE continued to acquire environmentally preferable products, when available, affordable and effective. DOE contracting activities perform a procurement self-assessment every three years which includes an affirmative procurement review. Approximately one-third of the contracting activities procurement self-assessments are being conducted in FY 2007. EO 13101 annual progress report issued (03/12/07), highlighting DOE purchases of recycled-content products exceeding \$28.5 million, expansion of biobased-content product purchasing, and 37% of solid waste diverted/ recycled during the reporting period. DOE received a 2007 White House Closing-the-Circle Honorable Mention for “Early and Continuing Promotion of Biobased Products” in the green purchasing category. 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 	<ul style="list-style-type: none"> DOE established policies for the acquisition of environmentally preferable products, including: <ul style="list-style-type: none"> DOE Order 450.1, <i>Environmental Protection Program</i>, requirements for the specification and acquisition of environmentally preferable products (5.d (11&12)). 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) DOE Acquisition Letter, <i>Greening the Government Requirements in Contracting</i> (AL-2002-05), responsibilities of Green Acquisition Advocates (GAA) in promoting and implementing environmentally preferable purchasing. GAAs have been in place at all major DOE sites since 2002 [Replaced by the updated DOE Acquisition Guide, Chapter 23, <i>Strengthening Federal Environmental, Energy, and Transportation Management in Acquisition</i>]. 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
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			<p>specification of EPEAT-registered products in DOE acquisition contracts (04/27/07). http://management.energy.gov/policy_guidance/Acquisition_Letters.htm</p> <ul style="list-style-type: none"> • DOE Acquisition Guide, <i>Strengthening Federal Environmental, Energy, and Transportation in Acquisition</i> – Chapter 23 (June 2007) renamed and updated to implement the sustainable acquisition requirements of EO 13423. Includes new items such as the Electronic Product Environmental Assessment Tool (EPEAT-network), the WaterSense water efficiency labeling program, Plug-In Hybrid Vehicles, and Sustainable Design/High Performance Buildings • Training provided to DOE site pollution prevention coordinators and green acquisition advocates (procurement personnel) on environmentally preferable purchasing, including purchases of designated biobased products and EPEAT-registered electronics. • DOE Office of the Chief Information Officer (CIO) adopted EPEAT registration (environmentally preferable electronics) as a procurement requirement in its FY 2007 acquisition of Headquarters electronics (desktop computers, notebooks, and monitors). 	<p>ENERGY STAR® qualified products or products conforming to FEMP Energy Efficiency Requirements in DOE acquisition contracts.</p> <ul style="list-style-type: none"> • Deputy Secretary of Energy approved DOE Order 450.1 Chg 2 <i>Environmental Protection Program</i> (12/07/05) establishing pollution prevention and sustainable environmental stewardship goals for DOE sites to achieve through the use of Environmental Management Systems (EMSs). The Order (Chg 2) establishes an environmentally preferable purchasing goal and provides strategies for achieving the goal, including a “green” purchasing strategy that specifies environmentally preferable products in the acquisition of DOE site supplies and services. • DOE Acquisition Guide, (<i>formally</i>) <i>Greening the Government – Environmental Considerations in Acquisition</i> (Chapter 23) addresses the role of the Green Acquisition Advocates in promoting and implementing environmentally preferable purchasing, including the USDA Biobased Product Procurement Preference Program in DOE contracting activities (Acquisition Guide Chapter 23.0 supersedes AL-2002-05).
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			<p><u>Planned actions for next six months:</u></p> <ul style="list-style-type: none"> • Conduct annual Pollution Prevention Tracking and Reporting System data call covering Department-wide purchases of environmentally preferable products in FY 2007, including DOE purchases of recycled-content products, biobased-content product purchasing, and EPEAT-registered electronics purchasing. • Utilize the Environmental Management System Assistance Network (EMSAN) to provide awareness training and technical assistance to DOE sites on implementing EO 13423 sustainable acquisition practices in the site's EMS. • Continue outreach and education program on environmentally preferable purchasing at DOE, including the conduct of quarterly conference calls with site green acquisition advocates (procurement personnel) and pollution prevention coordinators. • Initiate revision of DOE Order 450.1, <i>Environmental Protection Program</i> to reflect EO 13423 acquisition requirements. <ul style="list-style-type: none"> - Submit the revised Order into DOE Directives System approval process by 2nd quarter FY08. • Determine appropriateness of 	<ul style="list-style-type: none"> • 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 constitute the Department's "green purchasing plan." • Detailed information on DOE's Environmentally Preferable Purchasing, including acquisitions of recycled-content, biobased-content, and EPEAT-registered products, is reported in the annual EO 13101 progress report to the OFEE and OMB. This report also includes DOE information on solid waste diversion (recycling), status of green purchasing plans, green purchasing promotion, training, and compliance monitoring and auditing. • In 2006, four DOE sites and DOE headquarters won White House Closing-the-Circle Awards for exemplary achievement in the "green" purchasing category.
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Six Month Progress Report (January–July, 2007)

				<p>modifying 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) to ensure coverage of EO 13423 acquisition requirements.</p>	
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	<p><u>Metric #3</u></p> <ul style="list-style-type: none"> • Sustainable design/green bldgs: <u>√</u> agency implementing program that meets statutory requirements and/or elements of the MOU on Sustainable Buildings <u>2007</u> (G) <u>√</u> agency developed program <u>2006</u> (Y) [MOU Implementation Plan] 	<p><u>Actions Taken Since January 1, 2007</u></p> <ul style="list-style-type: none"> • Initiated development of DOE Guide 413.3-6, <i>High Performance Sustainable Building</i> (HPSB) on incorporating HPSB principals in program and project management of capital assets involving new construction and major renovation of facilities, pursuant to the HPSB requirements of DOE Order 413.3A, and EO 13423. • DOE’s Three Year Rolling Timeline for the Real Property Asset Management Plan has been modified to include a section on HPSB expectations, performance measures, and milestones. • DOE’s National Renewable Energy Laboratory’s 71,000-sq. ft., \$22.7-million, state-of-the-art Science & Technology Facility received a Leadership in Energy and Environmental Design (LEED) platinum-rating by the U.S. Green Building Council (03/07). This facility in Golden, CO, is the first Federal building to receive a platinum designation; only 28 other buildings in the world have achieved this highest-level LEED designation. http://www.nrel.gov/news/press/2007/507.html • Application for Leadership in Energy and Environmental Design 	<ul style="list-style-type: none"> • Assistant Secretary for Energy Efficiency and Renewable Energy, DOE’s Senior Energy Official under EO 13123, signed the <i>Memorandum of Understanding for Federal Leadership in High Performance and Sustainable Buildings</i> on January 24, 2006. • Deputy Secretary of Energy approved DOE Order 450.1 Chg 2 <i>Environmental Protection Program (12/07/05)</i> establishing pollution prevention and sustainable environmental stewardship goals for DOE sites to achieve through the use of Environmental Management Systems. The Order provides strategies for achieving the goals, including a “green building” strategy that specifies the application of sustainable building design criteria when planning and constructing new facilities or modifying existing facilities to optimize life-cycle costs, reduce pollution, minimize energy consumption, conserve water, and enhance indoor air quality, worker safety and productivity. • Deputy Secretary of Energy approved DOE Order 413.3A, <i>Program and Project Management for Capital Asset Acquisition (07/28/06)</i>. The Order establishes DOE policy to incorporate High
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			<p>(LEED) gold-rating certification submitted (06/07) to the U.S. Green Building Council for the Brookhaven National Laboratory’s new 65,000 square foot Research Support Building.</p> <ul style="list-style-type: none"> • DOE’s FEMP received a 2007 White House Closing-the-Circle Award for “High Performance Buildings through Innovative Policy” in a special “Sowing the Seeds” category that recognizes Federal leadership in setting future vision. <p><u>Planned actions for next six months</u></p> <ul style="list-style-type: none"> • Revise DOE’s <i>Implementation Plan for the “Federal Leadership in High Performance and Sustainable Buildings” Memorandum of Understanding</i> to identify actions for implementing the sustainable design/high performance building requirements of EO 13423 and the Implementing Instructions. [scheduled completion 08/15/07] • Pursuant to the DOE revised Implementation Plan for High Performance Sustainable Building (HPSB), the DOE Sustainable Building Working Group will complete Phase 1 of a Gap Analysis of policies, information, resources and training that will be required by departmental elements charged with implementing the HPSB requirements of DOE Order 413.3A, <i>Program and Project</i> 	<p>Performance Sustainable Building (HPSB) principals in the planning, programming, budgeting, and acquisition of capital assets. The Order stipulates that contractors responsible for program and project management of Department-owned facilities must apply HPSB principals to the siting, design, construction, and commissioning of new facilities and major renovations of existing facilities. [http://homer.ornl.gov/oepa/guidance/ems/o413_postcard.pdf]</p> <ul style="list-style-type: none"> • DOE Sustainable Building Working Group established (08/06); developed an <i>Implementation Plan for the “Federal Leadership in High Performance and Sustainable Buildings” Memorandum of Understanding</i> (12/06). The Plan identifies DOE actions for implementing the HPSB commitments and guiding principles set forth in the MOU. [http://www.eh.doe.gov/p2/archives/Draft_DOE%20Sustainable_MOU_Implementation%20Plan_20061220.pdf] • DOE’s FEMP chairs the Interagency Sustainable Working Group (ISWG) that developed the guiding principles that serve as the foundation of the MOU for Federal Leadership in High Performance and Sustainable Buildings. • DOE’s FEMP supports the ISWG
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			<p><i>Management for the Acquisition of Capital Assets</i>, and EO 13423 for construction of new facilities. [scheduled completion 08/15/07]</p> <ul style="list-style-type: none"> • Pursuant to the DOE HPSB Implementation Plan, the HPSB Working Group initiates Phase 2 of a Gap Analysis of information, resources and training that will be required by departmental elements charged with implementing the HPSB requirements of EO 13423 for existing buildings. The HPSB Implementation Plan will be revised upon completion of the Phase 2 Gap Analysis, as appropriate. • Continue development of DOE Guide 413.3-6, <i>High Performance Sustainable Building</i> on incorporating HPSB principals in program and project management of capital assets involving new construction and major renovation of facilities, pursuant to the HPSB requirements of DOE Order 413.3A, and EO 13423. [Scheduled completion of Guide 04/08]. • Complete application for Leadership in Energy and Environmental Design (LEED) silver-rating certification and submit to the U.S. Green Building Council for the Brookhaven National Laboratory's new Center for Functional Nanomaterials. 	<p>development of the Technical Guidance document for the High Performance and Sustainable Buildings MOU.</p> <ul style="list-style-type: none"> • Training on sustainable design principles and the Leadership in Energy and Environmental Design (LEED) rating system was provided at the DOE 2006 Pollution Prevention Workshop. • DOE's sustainable buildings, including those with LEED certification, are listed in the ISWG High Performance Federal Building Database. As of 12/31/06, there are 4 DOE sustainable buildings in the database, with an additional 3 buildings LEED certified and 8 more in process. • DOE's FEMP supports Laboratories for the 21st Century (Labs21), a joint EPA/DOE initiative aimed at designing the next generation of labs with energy and water efficiency, renewable energy, and sustainable construction practices. • DOE's FEMP provides technical assistance on the design of Federal buildings (new construction and retrofits) that incorporate energy efficiency, renewable energy, distributed energy technologies, sustainable
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Six Month Progress Report (January–July, 2007)

			<ul style="list-style-type: none"> • Report at least one success story on the Interagency Sustainable Working Group (ISWG) on-line High Performance Federal Building Database. NREL's Science and Technology Facility (LEED platinum) will be included in the database. [scheduled completion 08/15/07] • Continue participation in the <i>Federal Environmental Stewardship and Sustainability Working Group</i> and the <i>Interagency Sustainability Working Group</i>. 	<p>design practices, state-of-the-art lighting technologies, and water-saving technologies.</p>
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	<p><u>Metric #4</u></p> <ul style="list-style-type: none"> • Sustainability program for electronic stewardship: <ul style="list-style-type: none"> <u>√</u> agency implementing <u>2007</u> (G) <u>√</u> agency developed and/or signed the MOU on Electronic Stewardship <u>November 15, 2004</u> (Y) 	<p><u>Actions taken since January 1, 2007:</u></p> <ul style="list-style-type: none"> • DOE Electronics Stewardship Implementation Plan updated to reflect ownership under the newly established Office of Health, Safety, and Security (HSS), and to incorporate best-practices, other performance improvement opportunities, and the electronic stewardship requirements of EO 13423. http://www.hss.energy.gov/NuclearSafety/NSEP/p2/doe_eo13423ESP_final.doc • DOE Office of the Chief Information Officer (CIO) established EPEAT registration (environmentally preferable electronics) as a procurement requirement in its FY 2007 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). http://management.energy.gov/policy_guidance/Acquisition_Letters.htm • Continued outreach and education program on the integration of electronics stewardship into DOE 	<ul style="list-style-type: none"> • Assistant Secretary for Environment, Safety and Health, DOE’s Agency Environmental Executive (AEE) under EOs 13101 and 13148, signed the <i>Memorandum of Understanding (MOU) Promoting Sustainable Environmental Stewardship of Federal Electronic Assets</i> (11/15/04). As a signatory of the MOU, DOE Headquarters became a Federal Electronics Challenge “Partner.” • DOE’s AEE and Chief Information Officer (CIO) issued a joint memorandum entitled <i>Federal Electronics Challenge (FEC)</i> to DOE sites on the Department’s commitment to improving life-cycle management of electronic assets, and encouraging all sites to participate as FEC “Partners” (06/20/05). • DOE Order 450.1 Chg 2 <i>Environmental Protection Program</i> (12/07/05) establishes Pollution Prevention and Sustainable Environmental Stewardship goals to be achieved Department-wide. The Order requires incorporation of the goals into Environmental Management Systems and specifies electronics stewardship strategies for achieving the goals, including procurement of environmentally preferable
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			<p>sites Environmental Management Systems, conducting regular conference calls with the DOE information technology, acquisition, and property management community, and providing electronics stewardship presentations at the CIO Cybersecurity National Conference, and the DOE Annual Pollution Prevention/EMS Workshop that followed the Federal Environmental Symposium. [See presentation at: http://www.hss.energy.gov/NuclearSafety/NSEP/p2/cioesslideshssfinal.ppt]</p> <ul style="list-style-type: none"> • DOE won the Federal Electronics Reuse and Recycling Campaign (ERRC) Agency Award for the second year in a row (2006-2007), recycling more than 625,000 pounds of end of life electronics. DOE participation in the 2007 ERRC increased from eleven to nineteen sites. Two DOE sites, Idaho National Laboratory and the Strategic Petroleum Reserve, won national facility awards for recycling the most electronics in their facility categories. http://www.federalelectronicchallenge.net/errc/results.htm • Five DOE sites were recognized by the FEC with awards: Gold Award to Pacific Northwest National Laboratory; Silver Awards to DOE Headquarters and Brookhaven National Laboratory; Bronze 	<p>electronics, enabling electronics power management capabilities, reusing surplus electronics, and recycling of end-of-life electronics.</p> <ul style="list-style-type: none"> • 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 issued in 2006, identifying departmental actions for implementing the commitments set forth in the <i>Memorandum of Understanding (MOU) Promoting Sustainable Environmental Stewardship of Federal Electronic Assets</i>. http://www.eh.doe.gov/p2/DOE_Plan_Fed_EStewardship_Final8-7-06.pdf, • Expanded outreach and education program on the integration of electronics stewardship into DOE sites Environmental Management Systems (EMSs), conducting multiple day, on-site workshops at Brookhaven and Idaho National Laboratories in 2006. [See presentation at: www.eh.doe.gov/p2/ES_Slides_HSS_11_06_Rev_3.ppt] • Department-wide notification made of the Electronic Product
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			<p>Awards to the Pantex Plant and the Idaho National Laboratory. http://www.federalelectronicchallenge.net/winners07.htm</p> <ul style="list-style-type: none"> • DOE Headquarters received a 2007 White House Closing-the-Circle Award for “Green Electronics Partners”, the first award given in the new electronics stewardship category. • DOE sites reported purchase of more than 10,000 EPEAT-registered desktop computers, notebooks and monitors during the past year, and was recognized as an EPEAT agency leader at the 2007 FOSE conference by the Chairman of the Council on Environmental Quality. • DOE Information Bulletin on <i>Implementing Electronics Stewardship at DOE Facilities</i> published in March 2007. This web-based reference tool communicates the Department’s commitment to life-cycle environmental management of electronic assets to DOE sites, and provides a compendium of relevant policies, implementation strategies, and case studies on electronics stewardship and EMS integration. http://www.hss.energy.gov/nuclearsafety/nsep/p2/Electronics_Stewardship_IB_Mar07.pdf • DOE continued to provide Federal 	<p>Assessment Tool (EPEAT) network becoming operational in 2006. [www.eh.doe.gov/p2/EPEAT_post_card2Aug06.pdf]</p> <ul style="list-style-type: none"> • DOE representatives on the FESWG have held multiple educational meetings on the FEC and DOE’s commitments under the MOU with the Department’s CIO representatives, procurement specialists, and property management personnel. • In support of the 2006 and 2007 ERRC and Katrina reconstruction efforts in Louisiana, hundreds of surplus DOE computer workstations were shipped to the New Orleans area schools for reuse. • In 2006, DOE’s Offices of the CIO and Federal Energy Management Program 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.
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			<p>agency leadership serving on the Federal Electronic Stewardship Working Group (FESWG), and presenting DOE electronics stewardship best-practices at the <i>Federal Electronics Challenge (FEC) Conference</i> in February 2007 and <i>Federal Environmental Symposium</i> in June 2007.</p> <p><u>Planned actions for next six months</u></p> <ul style="list-style-type: none"> • DOE Pollution Prevention Tracking and Reporting System will include Department-wide collection of electronics stewardship data for preparation of the FY 2007 progress report on environmentally preferable purchasing at DOE. Specifically, data from approximately 45 DOE sites across the country on the procurement of EPEAT-registered products and the reuse of surplus, and recycling of end-of-life electronics during the annual reporting period. • Continue Federal agency leadership in the FEC, serving on the Federal Electronic Stewardship Working Group (FESWG). • Participate in the nomination process for obtaining recognition of DOE electronics stewardship achievement in the 2008 FEC awards, ERRC awards, and White House Closing-the-Circle competition. 	<ul style="list-style-type: none"> • DOE headquarters presented Pollution Prevention (P2) <i>Star Awards</i> in 2006 and 2007 to six DOE sites for sustainable environmental stewardship of Federal electronic assets.
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				<ul style="list-style-type: none">• Continue outreach and education program on electronics stewardship for DOE pollution prevention, information technology, procurement, and property management personnel.<ul style="list-style-type: none">- Utilize the Environmental Management System Assistance Network (EMSAN) to provide awareness training and technical assistance to DOE sites on implementing the electronics stewardship requirements of EO 13423 and the Implementing Instructions. • Initiate revision of DOE Order 450.1, <i>Environmental Protection Program</i> to reflect EO 13423 electronics stewardship requirements.<ul style="list-style-type: none">- Submit the revised Order into DOE Directives System approval process by 2nd quarter FY08.	
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	<p><u>Metric #5</u></p> <ul style="list-style-type: none"> • Compliance Management Plan and implementation strategy: <u>√</u> agency developed <u>May, 2005</u> (G) <u> </u> agency did not develop, but identified related initiatives, plans, and strategies <u> </u>(date)<u> </u>(Y) 	<p><u>Actions taken since January 1, 2007:</u></p> <ul style="list-style-type: none"> • Continued inventory of ES&H and/or EMS policy statements issued by senior managers at DOE sites affirming (or re-affirming) their commitment to environmental compliance in the conduct of site operations. • Developed work plan to revise DOE Order 450.1, <i>Environmental Protection Program</i> to establish EMS as the primary management framework for implementing the requirements of EO 13423, including the environmental compliance requirements of the EO and the Implementing Instructions. • Updated inventory of NOVs, permit exceedances and ‘Significant Non-complier’ designations to pursue compilation of root cause analysis conducted by DOE sites. <p><u>Planned actions for next six months:</u></p> <ul style="list-style-type: none"> • Continue to implement the actions described in DOE’s Environmental Compliance Management Improvement Implementation Plan until subsumed in the revised DOE Order 450.1, <i>Environmental Protection Program</i>. • Initiate revision of DOE Order 450.1, <i>Environmental Protection Program</i> to establish EMS as the 	<ul style="list-style-type: none"> • DOE’s Implementation Plan prepared in response to the recommendations of the Environmental Compliance Management Improvement Initiative of the President’s Management Council (PMC), submitted to the Federal Environmental Executive on May 2, 2005. The Plan covers five priority areas: <ul style="list-style-type: none"> - Statement of Line Management’s Expectations (commitment to environmental compliance) - Identification of root causes for non-compliance - Improvement of environmental audits and corrective action processes - Improvement of environmental performance data collection and use - Identification and dissemination of best practices and lessons learned. • Intradepartmental Compliance Improvement Work Group established in 2005 to collect data and develop policy and guidance for improving compliance processes throughout the DOE complex. Three pilot questionnaires on Non-compliance
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			<p>framework to implement, manage, measure and continually improve upon, the sustainable practices and goals of EO 13423, including the environmental compliance requirements of the EO and the Implementing Instructions.</p> <ul style="list-style-type: none"> - Submit the revised Order into DOE Directives System approval process by 2nd quarter FY08. • Utilize the Environmental Management System Assistance Network (EMSAN) to provide awareness training and technical assistance to DOE sites on implementing the environmental compliance requirements of EO 13423 and the implementing Instructions. - Initiate inventory of DOE sites' root cause analyses of NOVs and permit exceedances to assess environmental compliance assistance needs. 	<p>Root Cause Analysis, Environmental Compliance Audit and Corrective Action Process, and Measures of Environmental Performance developed by work group in 2006 for comprehensiveness and level of effort testing and evaluation.</p> <ul style="list-style-type: none"> • DOE's Chief Financial Officer has issued Field Budget Guidance directing DOE sites to ensure funding and resources needed to implement Environmental Management Systems and corresponding safety, environmental compliance and pollution prevention programs are included in the site FY09 budget submission. • In 2006, DOE requested correction of errors in EPA's Enforcement and Compliance History Online (ECHO) database regarding purported environmental noncompliance at four DOE sites. • Secretary of Energy memorandum to all DOE employees on December 8, 2006, enumerated and emphasized the Operating Principles spelled out in the Department's new Strategic Plan. The Department's first Operating Principle is to "Ensure safe, secure, and environmentally responsible operations."
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Six Month Progress Report (January–July, 2007)

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