

SUSTAINABLE BUILDINGS	Reporting Cycle:		January - July, 2010	
AGENCY: <i>(Insert Agency Name)</i>	Question	Agency Response		
Sustainable Building Implementation Plan (SBIP)	(1) Was the SBIP updated? Yes/No (If not, when to be updated)  (2) Is the SBIP referenced in the Agency SSPP? Yes/No (If not, why)  Note: Attach a copy of any recent updates to the SBIP to your submittal.	(1)The SBIP was finalized in August 2008. It was reviewed in August 2009, and again after the issuance of E.O. 13514. It will be updated as appropriate after issuance of Implementing Instructions for E.O. 13514.  (2) Yes		
Federal Real Property Profile (FRPP) Baseline Inventory	Has the Baseline inventory established and 2015 real property projections completed? (Yes/No. If not, indicate when to be completed): Please indicate:	Yes.		
		<i>Number of Buildings</i>	<i>Square Footage</i>	
	Total number of buildings and sqft =	10,412	128,057,098	
	% of number of buildings and sqft above 5000 sqft =	28.87%	92.61%	
	Expected change in number of buildings and sqft by 2015 (If projecting less in 2015, then make number negative) =	-1,205	-9,311,519	
Federal Real Property Profile (FRPP) Sustainability data	Has Agency reported on the Sustainability Data Element (#25) in the FRPP database for 2009 last December, 09? YES/NO (If not, explain).	Yes.		
	Please indicate the number of buildings and/or square footage categorized <u>to date</u> as:	<i>Number of Buildings</i>	<i>Square Footage</i>	
	Yes (1) Option NC-1 =			
	Yes (1) Option NC-2 =	15	1,288,562	
	Yes (1) Option EB-1 =	4	152,299	
	Yes (1) Option EB-2 =	2	260,904	
	Yes (1) Option L-1 =			
	Yes (1) Option L-2 =	8	725,839	
	No (2) =	7921*	66068425*	
	Not yet evaluated (3) =	2132*	53149405*	
	Not applicable (4) =	338*	7092842*	
	Sustainable % by Number of Buildings / Square Feet (automatically generated) =	1.610266258	2.221409251	
Existing Building Assessments	(1) Has your Agency assess your existing building stock for sustainability? (Yes/No, if not, indicate when to be begin.  (2) If Yes, indicate progress to date (% completed) and the tool being used for assessments (i.e. LEED, etc. -- see guiding principles)	(1) Yes.  (2) As of June 30, 2010, 6,329 buildings (61% of FRPP baseline inventory) totaling 67,364,019 gsf (53% of FRPP baseline inventory) had been assessed or determined "not worth assessing" for sustainability. Tools being used for assessments include the Existing Building Assessment Tool (EBAT), Sustainable Building Assessment Tool (SBAT), and EPA Portfolio Manager Tool.		

	<p>Do all new contracts (during current reporting cycle) for <u>contractor operation of government-owned facilities</u> require the contractor to comply with the Guiding Principles and/or third-party certification? (Yes/No, explain)</p>	<p>Yes. DOE Order 430.2B, Departmental Energy, Renewable Energy, and Transportation Management, and its associated Contractor Requirements Document, requires that all new buildings/major renovations &gt;\$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 (<a href="http://www.directives.doe.gov/pdfs/doe/doetext/neword/430/o4302b.pdf">http://www.directives.doe.gov/pdfs/doe/doetext/neword/430/o4302b.pdf</a>). 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 (<a href="http://management.energy.gov/documents/AL2009-08.pdf">http://management.energy.gov/documents/AL2009-08.pdf</a>).</p>
<p><b>New Contracts</b></p>	<p>Have all new agreements, permits, leases, licenses, or other legally-binding obligations between the agency and a tenant or concessionaire entered during this reporting cycle require, that the tenant or concessionaire take actions to comply with the Guiding Principles and/or third-party certification? (Yes/No, explain)</p>	<p>In addition to the requirements listed above, DOE O 430.2B also requires each site to develop and implement an Executable Plan that communicates its commitment toward, and plans for, meeting all of the energy, water, sustainable material, and HPSB goals outlined in the Order. DOE O 430.2B also requires each site to develop and implement an Environmental Management System (EMS) in accordance with DOE O 450.1A, Environmental Protection Program. Among other things, DOE O 450.1A requires that each EMS addresses tenant and concessionaire activities wherever such activities affect DOE's environmental, energy, and transportation management. (<a href="http://www.directives.doe.gov/pdfs/doe/doetext/neword/450/o4501a.pdf">http://www.directives.doe.gov/pdfs/doe/doetext/neword/450/o4501a.pdf</a>)</p>
<p><b>New Agreements, Permits, Leases, Licenses, or Legally-binding Obligations</b></p>	<p>Have all business cases for new building construction or major renovations (including new, renegotiation, or extension of leases for Federal occupancy), developed per OMB A-11, Part 7, Section 300, during the reporting cycle, incorporated the Guiding Principles to the greatest extent practicable? (Yes/No, explain)</p>	<p>As noted above, DOE O 430.2B requires that all new buildings incorporate the Guiding Principles, and that, as of October 1, 2008, all new buildings and major renovation projects at Critical Decision One (CD-1) or lower also attain LEED Gold Certification. DOE O 413.3A, Program and Project Management for the Acquisition of Capital Assets, requires incorporating the guiding principles in the project management of capital asset acquisitions. DOE Guide 413.3-6, High Performance Sustainable Buildings, provides guidance for implementing the DOE O 413.3A HPSB requirements. (<a href="http://www.directives.doe.gov/pdfs/doe/doetext/neword/413/g4133-6.pdf">http://www.directives.doe.gov/pdfs/doe/doetext/neword/413/g4133-6.pdf</a>.)</p>
<p><b>Business cases for new Building Construction or Major Renovations</b></p>	<p>How many success stories and lessons learned (for at least one major building project per year) been reported into the High Performance Federal Buildings Database? (Yes/No, explain)</p>	<p>DOE has reported 6 projects to the High Performance Federal Building Database. Four of these projects have lessons learned sections.</p>
<p><b>Success Stories and Lessons Learned</b></p>	<p>Have all new leases for Federal occupancy (including the renegotiation or extension of existing leases), included criteria to incorporate the Guiding Principles, Energy Star, and/or third-party certification? (Yes/No, explain)</p>	<p>Yes, 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.</p>
<p><b>Leased Buildings</b></p>		

<p><b>Actions taken since Jan 2010 Reporting Cycle</b></p>	<p>Please indicate key actions taken since the <b>Jan 2010</b> reporting cycle.</p>	<p>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), with the requirements of EO13514, previous Executive Orders, and legislative requirements into a single framework to streamline reporting requirements and reduce duplication. DOE sites continued to evaluate the extent to which their existing buildings meet the HPSB guiding principles and incorporated cost-effective, innovative building strategies into projects to minimize energy, water, and material consumption. DOE submitted a feasibility study to GSA regarding the installation of green and white roofs on DOE HQ buildings. DOE continued to provide training and outreach to facilitate implementation of the HPSB principles across the DOE complex. Developed and approved a new Departmental Guidance on the Acceptable Documentation of Sustainability, 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 with the goal of improving the guidance for updating the site-specific Executable Plans that are due by December 31, 2010.</p>																																	
<p><b>Planned Actions for January 2011 Reporting Cycle</b></p>	<p>(1) Indicate agency plans/goals/targets/key milestones to assess building inventory during the next 6 months.</p> <p>(2) Indicate number of buildings/square footage of the existing building inventory that will be assessed during the next 6 months.</p> <p>(3) Are these planned actions identified in the Agency SSPP? YES/NO (If not, why)</p>	<p>(1) DOE sites will submit updated Executable Plans by December 21, 2010, which will be reviewed and evaluated to continue to assess progress and obstacles to compliance with the sustainable building goals and requirements. Other continuing actions include: continue existing building sustainability assessments; continue tracking and reporting of HPSB implementation progress; continue implementing the Guiding Principles in all new construction and attain Gold certification (or greater) for all new buildings and renovations &gt; \$5 million; continue incorporating Guiding Principles in leases; continue HPSB training and outreach at and for DOE sites and other Federal agencies; continue updating DOE HPSB website to add lessons learned and best practices from DOE sites.</p> <p>(2) Number of Buildings = 218 Square footage = 5,679,519</p> <p>(3) Yes.</p>																																	
<p><b>Meeting 15% goal by 2015</b></p>	<p>Indicate the projected % sustainable per year to meet the 15% goal by 2015</p>	<table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="2">% Sustainable:</th> </tr> <tr> <th colspan="2"></th> <th><i>By Number of Buildings</i></th> <th><i>By Square Footage</i></th> </tr> </thead> <tbody> <tr> <td>2010</td> <td></td> <td>5%</td> <td></td> </tr> <tr> <td>2011</td> <td></td> <td>7.5%</td> <td></td> </tr> <tr> <td>2012</td> <td></td> <td>9%</td> <td></td> </tr> <tr> <td>2013</td> <td></td> <td>10.5%</td> <td></td> </tr> <tr> <td>2014</td> <td></td> <td>12%</td> <td></td> </tr> <tr> <td>2015</td> <td></td> <td>15%</td> <td></td> </tr> </tbody> </table>				% Sustainable:				<i>By Number of Buildings</i>	<i>By Square Footage</i>	2010		5%		2011		7.5%		2012		9%		2013		10.5%		2014		12%		2015		15%	
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<p><b>Additional Comments</b></p>		<p>* Data from the FRPP for 2009 as of December 2009.</p>																																	
<p><b>Go to the Sustainable Building Guidance for more information:</b> <a href="http://www1.eere.energy.gov/femp/controlledaccess/sustainable_eo13423.html">http://www1.eere.energy.gov/femp/controlledaccess/sustainable_eo13423.html</a></p>																																			