

SUSTAINABLE BUILDINGS		
AGENCY: Department of Energy	Question	Agency Response
Sustainable Building Implementation Plan (SBIP)	Was the SBIP finalized/updated? Yes/No (if not, when to be completed) Note: Provide a copy of any recent updates to the SBIP to OFEE.	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 in the first half of CY10, after issuance of Implementing Instructions for E.O. 13514.
Federal Real Property Profile (FRPP) Baseline Inventory	Baseline inventory established and 2015 real property projections complete? (Yes/No, if not, indicate when to be completed): Please indicate:	Yes
	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? (YES/NO) Please indicate the number of buildings and/or square footage categorized to date as:	Yes
		<i>Number of Buildings</i> <i>Square Footage</i>
	Yes (1) Option NC-1 =	
	Yes (1) Option NC-2 =	14 1,086,709
	Yes (1) Option EB-1 =	
	Yes (1) Option EB-2 =	2 116,408
	Yes (1) Option L-1 =	
	Yes (1) Option L-2 =	5 543,309
	No (2) =	7,921 66,068,425
	Not yet evaluated (3) =	2,132 53,149,405
Not applicable (4) =	338 7,092,842	
Sustainable % by Number of Buildings / Square Feet (automatically generated) =	1.166054877 1.598088845	
Existing Building Assessments	Has your Agency assess your existing building stock for sustainability? (Yes/No, if not, indicate when to be begin; if Yes, indicate progress to date (% completed) and the tool being used for assessments (i.e. LEED, etc. -- see guiding principles))	Yes the Department has begun assessments. As of 11/09, 3,540 buildings (71% of buildings in the OBT inventory) totaling 48,185,741 gsf (60% of total sq ft in OBT inventory) had been assessed for sustainability.

<p>New Contracts</p>	<p>Do all new contracts (during current reporting cycle) for contractor operation of government-owned facilities 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 >\$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). 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).</p>
<p>New Agreements, Permits, Leases, Licenses, or Legally-binding Obligations</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. (http://www.directives.doe.gov/pdfs/doe/doetext/neword/450/o4501a.pdf)</p>
<p>Business cases for new Building Construction or Major Renovations</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. (http://www.directives.doe.gov/pdfs/doe/doetext/neword/413/g4133-6.pdf.)</p>
<p>Success Stories and Lessons Learned</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 5 projects to the High Performance Federal Building Database. Four of these projects have lessons learned sections.</p>
<p>Leased Buildings</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>Other Actions taken since Jan 09 Reporting Cycle</p>	<p>Please indicate other actions taken since the Jan 2009 reporting cycle.</p>	<p>Updated guidance for Executable Plans; continued tracking progress in achieving the sustainable building goals. DOE sites continued to evaluate the extent to which their existing buildings meet the HPSB principles. DOE sent a letter to GSA requesting that GSA specify LEED Gold for new facilities and set a preference for LEED Gold for existing space. In January, DOE launched its HPSB website and submitted nominations for the White House Closing the Circle Awards in the HPSB category. In the Spring, DOE initiated discussions and came to tentative agreement with GSA to study the feasibility of installing Green and White Roofs at DOE HQ buildings; a proposed design for the roofs was delivered to DOE and GSA in December. In May, DOE made presentations on assessing and greening buildings to the USGBC's Federal Summit and the National Research Council. In June, DOE HQ and site representatives chaired sessions or made 14 presentations on sustainable buildings at the Federal Environmental Symposia. In the fall, DOE began developing an approach for independent verification and validation of assessments.</p>																																	
<p>Planned Actions for July 10 Reporting Cycle</p>	<p>Indicate agency plans/goals/targets for hiring a contractor, devoting internal staff, requesting funding, etc., to assess building inventory during the next 6 months.</p> <p>Indicate number of buildings/square footage of the existing building inventory that will be assessed during the next 6 months.</p>	<p>By December 31, 2009, DOE sites submitted updated Executable Plans, 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 > \$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. DOE will also update its Certified Project Managers training courses to further include HPSB, and deploy the approach for independent verification and validation of sustainability assessments developed in late 2009 as part of routine reviews of real property data at DOE sites.</p>																																	
<p>Meeting 15% goal by 2015</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 by:</th> </tr> <tr> <th colspan="2"></th> <th><i>Number of Buildings</i></th> <th><i>Square Footage</i></th> </tr> </thead> <tbody> <tr> <td>2010</td> <td>See additional comments</td> <td>See additional comments</td> <td>See additional comments</td> </tr> <tr> <td>2011</td> <td></td> <td></td> <td></td> </tr> <tr> <td>2012</td> <td></td> <td></td> <td></td> </tr> <tr> <td>2013</td> <td></td> <td></td> <td></td> </tr> <tr> <td>2014</td> <td></td> <td></td> <td></td> </tr> <tr> <td>2015</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>				% Sustainable by:				<i>Number of Buildings</i>	<i>Square Footage</i>	2010	See additional comments	See additional comments	See additional comments	2011				2012				2013				2014				2015			
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<p>Additional Comments</p>		<p>DOE submitted updated Executable Plans by December 31. These plans contain the information needed to calculate the per-year sustainability projections, but they have not yet been rolled up and analyzed for this purpose.</p>																																	
<p>Go to the Sustainable Building Guidance for more information: http://www1.eere.energy.gov/femp/controlledaccess/sustainable_eo13423.html</p>																																			