

# High Performance Sustainable Building Supplemental Spreadsheet to the Midyear Progress Report

Six Month Progress Report (January - June, 2009)

<b>SUSTAINABLE BUILDINGS</b>		
<b>AGENCY: [insert agency name here]</b>	<b>Question</b>	<b>Agency Response</b>
<b>Sustainable Building Implementation Plan (SBIP)</b>	Was the Agency's SBIP updated in the last 6 months? Yes/No (If not, when will it next be updated/completed) Note: Provide a copy of any recent updates on the SBIP to OFEE.	No. The SBIP was last updated in August 2008, and will be updated again in 2009.
	Does the SBIP include a description of the Agency's independent validation and verification process for ensuring accuracy of data reported into the FRPP?	The 2009 update will include a description of the Agency's IV&V process for its sustainability data.
<b>Baseline Inventory</b>	Baseline Inventory Established? (Yes/No, If not, indicate when to be completed): Please indicate:	Yes. The following data are from January 2009 and will be updated for the January 2010 progress report.
	Total number of Owned Buildings =	9,872
	Total Owned Square Footage =	121,617,541
	Capital Asset Threshold (CAT) =	\$50,000
	% of buildings above CAT =	52.76%
	% of square footage above CAT =	89.70%
	If applicable, Other Building Threshold (OBT) used=	As described in its SBIP, DOE has established as its candidate inventory all enduring buildings (owned and leased) greater than 1,000 square feet that are not shut down or outgranted in their entirety and will not be exceeded by 2015.
% of buildings above OBT =	4,635 buildings (47% of total)	
% of square footage above OBT =	72,462,514 (60% of total)	
<b>New Construction</b>	Does the Agency have a policy requiring use of a green building third party rating system for new construction? (Yes/No; If not, does the agency have plans to develop one): If yes, please indicate:	Yes
	Rating System used (e.g. LEED) =	LEED
	Minimum level required (e.g. Silver) =	Gold
	Threshold for compliance (e.g. \$2M, 10,000 square feet) =	\$5 Million
	Other requirements (e.g. specific points in rating system) =	
	% of square footage, historically and going forward, that this policy covers with respect to the Agency's overall building square footage (e.g. % of Agency sqft > \$2M if Agency requires LEED > \$2M) =	79% of the Department's square footage exceeds \$5 million in replacement value.
<b>Federal Real Property Profile (FRPP)</b>	Will Agency be reporting on the Sustainability Data Element (#25) in the FRPP database for 2009? (YES/NO) Please indicate the number of buildings and square footage categorized to date as:	Yes. The following data are from January 2009 and will be updated for the January 2010 Progress Report.
	Yes (1) Option NC-1 =	
	Yes (1) Option NC-2 =	13 buildings, 1,069,897 square feet
	Yes (1) Option EB-1 =	
	Yes (1) Option EB-2 =	2 buildings, 116,408 square feet
	Yes (1) Option L-1 =	
	Yes (1) Option L-2 =	5 buildings, 543,309 square feet
	No (2) =	2,359 buildings, 26,247,757 square feet
	Not yet evaluated (3) =	2,256 buildings, 44,485,143 square feet
	Not applicable (4) =	5,237 buildings, 49,155,027 square feet
Using formula in High Performance and Sustainable Buildings Guidance Final, indicate:	The following data are from January 2009 and will be updated for the January 2010 Progress Report.	
Sustainable % By Square Feet =	2.20% (Other Building Threshold), 1.34% (all buildings)	

<b>Percentage of Building inventory meeting Guiding Principles</b>	Sustainable % By Number of Buildings =	0.41% (Other Building Threshold), 0.20% (all buildings)
	Have your Agency assessed 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 (e.g. private sector web-based tool, LEED checklists, agency-specific tool, etc.))	YES, the Department has begun assessments. As of 11/17/08, 2661 buildings (54.19% of buildings in the OBT inventory) totaling 34,169,345 gsf (43.44% of total sq ft in OBT inventory) had been assessed for sustainability. An additional 2,256 buildings, representing 44,485,143 sq feet have been assigned dates by which sustainability assessments are to be conducted. As described in the SBIP, assessments are conducted using a LEED-EB based Existing Building Assessment Tool developed by DOE.
<b>Existing Building Assessments</b>	% of square footage scheduled for D&D by end of FY 2015 =	14.26%
<b>New Contracts</b>	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 green building third-party certification? (Yes/No, explain)	Yes. DOE Order 430.2B, <i>Departmental Energy, Renewable Energy, and Transportation Management</i> 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 ( <a href="http://www.directives.doe.gov/pdfs/doe/doetext/nword/430/o4302b.pdf">http://www.directives.doe.gov/pdfs/doe/doetext/nword/430/o4302b.pdf</a> ). In June, 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> ).
<b>New Agreements, Permits, Leases, Licenses, or Legally-binding Obligations</b>	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)	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, <i>Environmental Protection Program</i> . 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/nword/450/o4501a.pdf">http://www.directives.doe.gov/pdfs/doe/doetext/nword/450/o4501a.pdf</a> ).

<p><b>Business cases for new Building Construction or Major Renovations</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 and/or LEED? (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, <i>Program and Project Management for the Acquisition of Capital Assets</i>, requires incorporating the guiding principles in the project management of capital asset acquisitions. DOE Guide 413.3-6, <i>High Performance Sustainable Buildings</i>, provides guidance for implementing the DOE O 413.3A HPSB requirements. (<a href="http://www.directives.doe.gov/pdfs/doe/doetext/keyword/413/g4133-6.pdf">http://www.directives.doe.gov/pdfs/doe/doetext/keyword/413/g4133-6.pdf</a>.)</p>
<p><b>Success Stories and Lessons Learned</b></p>	<p>How many success stories and lessons learned been reported into the High Performance Federal Buildings Database during the reporting period?</p>	<p>In 2008, the Department entered a success story for the Molecular Foundry, at Lawrence Berkeley National Laboratory, into the High Performance Federal Buildings Database. The Department will enter at least one more success story into the database in 2009.</p>
<p><b>Leased Buildings</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>Other Actions taken since January 2009 Reporting Cycle</b></p>	<p>Please indicate other actions taken since the January 2009 reporting cycle.</p>	<p>Selected actions are highlighted here; refer to the narrative for additional information. Initiated annual update to SBIP; began updating 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. In January, 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. 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 (East and West).</p>

<p>Planned Actions for January 2010 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>Selected actions are highlighted here; see attached narrative for additional information. Prepare and submit annual SBIP update to OMB/OFEE. 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. Sites and Program Offices to submit updates to the 35 Executable Plans submitted in December 2008. Submit Progress Report (Annual Update) to OMB/OFEE for the January 2010 Environmental Stewardship Scorecard. Continue incorporating Guiding Principles in leases. Expand the Certified Project Managers training course to include HPSB and to provide project manager training for the acquisition of capital assets including new construction and major renovation. 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>Additional Comments</p>		
<p>Go to the Sustainable Building Guidance for more information: <a href="http://www1.eere.energy.gov/femp/controlledaccess/sustainable_eo13423.html">http://www1.eere.energy.gov/femp/controlledaccess/sustainable_eo13423.html</a></p>		