

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.	Yes, DOE submitted its Sustainable Building Implementation Plan (SBIP) to OFEE/OMB in August 2008, after having provided a draft plan and briefing to OFEE/OMB in July. The SBIP establishes the Department's approach for implementing the Guiding Principles in all capital asset new construction and major renovation projects, and for ensuring that 15% of the Department's enduring owned and leased buildings are compliant with the Guiding Principles by 2015. The SBIP is available at http://www.hss.energy.gov/pp/DOEHPSBImpPlan_FINAL_0815_08.pdf .
Baseline Inventory	Baseline Inventory Established? (Yes/No, If not, indicate when to be completed): Please indicate:	YES
	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) =	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)	
Federal Real Property Profile (FRPP)	Has Agency reported on the Sustainability Data Element (#25) in the FRPP database for 2008? (YES/NO) Please indicate the number of buildings and square footage are categorized as:	YES
	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	
Percentage of Building inventory meeting Guiding Principles	Using formula in High Performance and Sustainable Buildings Guidance Final, indicate:	
	Sustainable % By Square Feet =	2.20% (Other Building Threshold), 1.34% (all buildings)
	Sustainable % By Number of Buildings =	0.41% (Other Building Threshold), 0.20% (all buildings)
Existing Building Assessments	HAS 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 (i.e. LEED, etc. -- see guiding principles))	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.

	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)	Yes. In February 2008, the Deputy Secretary of Energy approved DOE Order 430.2B, <i>Departmental Energy, Renewable Energy, and Transportation Management</i> . This Order, and its associated Contractor Requirements Document, requires that all new buildings incorporate the Guiding Principles of E.O. 13423 to the extent practical and cost effective; that as of October 1, 2008, all capital asset new construction and major renovation projects implement the Guiding Principles and attain LEED Gold Certification; that all programs that own or lease real property develop and implement a plan to ensure that at least 15% of their enduring buildings comply with the Guiding Principles; that starting in FY 2008, all 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. (http://www.directives.doe.gov/pdfs/doe/doetext/word/430/o4302b.pdf).
New Contracts	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. (http://www.directives.doe.gov/pdfs/doe/doetext/word/450/o4501a.pdf).
New Agreements, Permits, Leases, Licenses, or Legally-binding Obligations	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)	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. (http://www.directives.doe.gov/pdfs/doe/doetext/word/413/g4133-6.pdf).
Business cases for new Building Construction or Major Renovations	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)	In 2008, the Department entered a success story for the Molecular Foundry, at Lawrence Berkeley National Laboratory, into the High Performance Federal Buildings Database.
Success Stories and Lessons Learned		

Leased Buildings	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)	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.
Other Actions taken since July 08 Reporting Cycle	Please indicate other actions taken since the July 2008 reporting cycle.	Selected actions are highlighted here; refer to the narrative for additional information. Since July, DOE sites and programs have submitted 35 Executable Plans to HQ. These documents have detailed plans for identifying/assessing existing buildings to determine extent of Guiding Principles application; incorporating the Guiding Principles in new construction; and ensuring that leases include preferences for LEED Gold buildings. In October, the Office of Legacy Management achieved LEED Platinum certification for its Ferndale Visitors Center, the second DOE facility to obtain LEED Platinum Certification. In August, the National Energy Technology Laboratory completed construction of its Technology Support Facility, designed to achieve a LEED platinum certification. In July, the National Renewable Energy Laboratory registered its Research Support Facility, which is being designed to achieve a LEED Platinum certification. Six additional DOE facilities have registered LEED projects since July. A tailored training webinar was held in July.
Planned Actions for July 09 Reporting Cycle	Indicate agency plans/goals/targets for hiring a contractor, devoting internal staff, requesting funding, etc., to assess building inventory during the next 6 months: Indicate number of buildings/square footage of the existing building inventory that will be assessed during the next 6 months:	Selected actions are highlighted here; refer to the attached narrative for additional information. Prepare and submit annual SBIP to OMB/OFEE. Continue existing building sustainability assessments; DOE plans to assess 196 buildings (4,026,207 sq feet) in the next 6 months. Continue tracking HPSB implementation progress. Continue implanting the guiding principles in all new construction and attain Gold certification (or greater) for all new buildings and renovations greater than \$5 million. Obtain LEED platinum certification for Morgantown TSF. Prepare LEED Gold registration package for the Integrated Biorefinery Research Facility (IBRF) at NREL. Continue incorporating guiding principles in leases. Pursue LEED Gold for GSA space in Morgantown. Continue HPSB training and outreach at and for DOE sites. Establish tailored curriculum for full-day DOE HPSB workshop, host HPSB workshops at DOE sites. Launch revamped DOE HPSB Website in January.
Additional Comments		Individual DOE sites have undertaken numerous specific HPSB actions since July and have outlined specific plans for the next 6 months. See attached Scorecard narrative for more detail.
Go to the Sustainable Building Guidance for more information: http://www1.eere.energy.gov/femp/controlledaccess/sustainable_eo13423.html		