



Developing Tools and Strategies to Get to 15% HPSB Inventory by 2015

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Overview



- DOE Policy Framework
- Getting to 15% Step by Step
- Tracking and Reporting
- Guidance, Training, and Assistance
- Observations



DOE Policy Framework



- July 2006: DOE required incorporating the HPSB Guiding Principles into new capital asset acquisition projects
- Feb. 2008: DOE required LEED Gold for new construction projects; established lease preference for LEED Gold
- Top-Level commitment from Secretary Bodman



DOE Policy Framework: 15% by 2015



- Feb. 2008: established Agency requirement to address the “15% by 2015” goal
 - No pre-existing sustainability requirements for existing buildings
 - Top-down commitment to meet EO Goals
 - Requirement flowed down to Programs and Sites
- Intra-agency working group developing strategies to meet all the HPSB goals, including “15% by 2015”
 - Working group developed a multi-step approach to get to 15%
 - Planning began shortly after issuance of EO 13423



Getting to 15% by 2015: Step by Step



1. Identify existing buildings already conforming to the HPSB Guiding Principles (based on LEED certification)
2. Track planned and in-process projects expected to conform to the Guiding Principles
3. Assess Existing Buildings to identify:
 - a) buildings conforming to the Guiding Principles
 - b) candidates for “greening” to enable conformance
4. Develop action plan to address those buildings targeted for upgrade
5. Provide guidance, training and assistance



Tracking and Reporting Progress



- DOE uses FIMS (Facility Information Management System) as the sole source for its real property data
- FIMS is being modified to include sustainability metrics
 - Results from existing building assessments will go into FIMS
 - Agency can calculate its progress towards 15% using FIMS data



Guidance, Training, and Assistance



HQ-led Working Group Develops Tools and Training

- Define population of covered buildings
- Provide tools—and training on how to use them
- Provide guidance on evaluating next steps
- Maintain centralized database

DOE Sites and Programs Own the Implementation

- Sites determine which buildings to assess
- Sites conduct assessments
- Programs/sites track progress, determine pathway to “green” their existing buildings



Key Observations



- Involve key stakeholders in process
 - Energy; Environment; Engineering & Construction; Programs & Sites
- Integration is key to success
 - HPSB requires the integration of energy and environment into design, construction, operations, and maintenance
 - Integrate through site Environmental Management Systems
- Look at organizations, not just buildings
 - Plans and policies
 - Campus-wide approaches



Questions? Comments?



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