

Greening DC's Public Schools

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- Greening of the District
- History of DCPS
- Creation and Charge of OPEFM
- Hurdles and Challenges
- Actions and Goals of OPEFM



Greening of the District

- Legislation & Regulatory Action
 - Green Building Act of 2006 ➡ LEED-S Silver
 - Clean and Affordable Energy Act of 2008
 - Greened Construction Code Roll Out

Greening the District

Mayor's Green Agenda: The Mayor's government-wide agenda to create a model of urban sustainability



Greening of the District



Green School Vision:

To provide green, healthy schools buildings and schoolyards for every student in the district. Schools should be the focus of community-based sustainability education and awareness to prepare youth and adult learners to benefit from an increasingly green local economy.

DC Public Schools

- 50,000 + Students & Staff in DCPS facilities
- Current Inventory of 120 Facilities:
 - 62 Elementary Schools
 - 12 Middle Schools
 - 18 Senior High Schools
 - 22 PK-9 Schools
 - 6 Special Education Centers



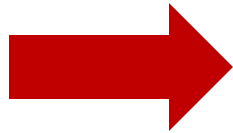
**More than 50 Million
Hours Annually Spent
Inside School Facilities by
Students & Staff**



**More than 12.5 Million
Square Feet to Green**

History of DC Public Schools Pre School Reform

- Turnover of Superintendents / Director of Facilities
- Lack of dedicated funding source for capital projects
- Historically plagued with mounting deferred maintenance challenges



118 out of 142 schools rated in
“poor” condition or worse in 2005

History of DC Public Schools

School Reform

- Summer 2007 D.C. Mayor Adrian Fenty used authority of the Public Education Reform Act of 2007
- Public Schools (DCPS) shifted away from an autonomous school board to the city government
 - Created Office of the Chancellor & hired Michelle Rhee
 - Created Office of Public Education Facilities Modernization (OPEFM) & hired Allen Lew

The OPEFM Charge

- Modernization of a system comprised of 142 school buildings
- Assume management of budget exceeding \$2.4 billion funding:
 - Former 10- to 15 year Capital Improvement Program,
 - An initial stabilization program to correct major life safety, environmental, and security issues
- Immediate assumption of management over capital improvement projects already initiated, exceeding \$650 million in project costs

The OPEFM Charge

- Analyze and Refine 2006 Master Facilities Plan and Capital Improvement Plan for Approval by DC Council
- Achievement of Leadership in Energy and Environmental Design (LEED) Silver certification for all Modernization projects
- Local Business Contracting
Goal for CBE of 50%



OPEFM's "Inheritance"

Hurdles & Challenges to Greening

- Lack of inclusions for LEED for Schools
- General unfamiliarity with LEED & implications for following the guidelines
- Large un-modernized building stock
- Utility tracking



OPEFM's Green Actions

- Modernizations in process without specific inclusions for LEED :
 - Inclusion of green design elements within in progress schools
 - Initiate changes to ensure Silver and higher certification in 6 projects
- Outdated Design Guidelines
 - “Green” 2006 Design Guidelines – “Slam Dunk Score Card”
 - Evaluation of alternative finishes and materials

OPEFM's Green Actions

- MFP & CIP minus LEED Premium Costs
 - Inclusion of Green Goals within MFP
 - Budget re-evaluation & inclusion of LEED premiums
- General unfamiliarity with LEED & implications for following the guidelines
 - Hiring and Training of PM Team & Consultants
 - Partnership with the Office of the Chancellor, DDOE, USGBC, & Clinton Climate Initiative
 - Implementation of pilot programs

OPEFM's Green Actions

- Large un-modernized building stock
 - Adaptive Reuse Philosophy
 - Closing and Consolidations
 - Phased Approach

- Utility tracking
 - Collaboration with OPM and DDOE
 - Consideration of LEED - Existing Buildings

OPEFM's Green Goals

Overall Sustainable Approach

- Schools as teaching tools for students, staff, & community
- High performance and safe environments
- Continued review of methodologies & guidelines



Questions?

A+

