

EECBG & SEP Mid Atlantic Regional Peer Meeting Exchange

Session 2

1:30 – 3:30 PM



Last Updated: March 10, 2011

PRACTICAL
ADAPTABLE
HELPFUL
INTEGRATED
HOLISTIC
SUSTAINABLE
COMPREHENSIVE
PRODUCTIVITY
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LOOKING
CUSTOMER-
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PERFORMANCE-
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FORMAL
SUPPORT
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EXCELLENCE
LIFELONG
WELCOMING
ENERGETIC
MODERN

Sustainable Energy Operations

- **Demand**
 - Sustainable efficiency projects – carbon reduction strategies
 - Energy information and budget management
- **Supply**
 - Energy procurement
 - Renewable options - carbon reduction

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District Overview

- Servicing 72 District agencies
- Overall portfolio of approximately 33 million sq/ft
- Approximately 350 facilities
- Managing a \$92 million energy budget

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Energy Information and Budget Management

- **Energy Audits**
 - Using ARRA Federal Stimulus dollars to audit 267 buildings (larger than 10,000 sq/ft)
- **Energy Cap – software for energy management**
 - Commodity usage and cost tracking on electricity, natural gas, water and fuels
- **Energy Star Portfolio Manager**
 - Published results on District Department of the Environment's website, www.ddoe.dc.gov.
- **Building Condition Assessments**

Major Objectives

- **Strategic Energy Plan**
 - Use data from Energy Audits and Energy Cap and industry leading practices to develop a multiyear plan for achieving energy reduction goals
 - Identify major projects and costs to meet objectives
- **Green Project Financing**
 - Develop alternative financing options that will not impact the District's debt cap
 - Focus on District energy efficiency and sustainable projects and strategies
- **Education programs for behavioral modification in energy reduction**

Energy Supply – Reverse Auction

- Use demand data in Strategic Energy Plan to set strategy on supply side.
- Review market supply trends and forward markets
- Develop buying strategies
- Renewable options for carbon mitigation

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