



DISTRICT OF COLUMBIA SUSTAINABLE ENERGY UTILITY

The DC Sustainable Energy Utility: Helping DC Residents, Businesses, and Institutions Reap the Benefits of Energy Efficiency

The DC Sustainable Energy Utility is a project of the Sustainable Energy Partnership under contract to the District Department of the Environment.



Government of the District of Columbia
Vincent C. Gray, Mayor



What Is the Sustainable Energy Utility?

- Clean & Affordable Energy Act (2008)
- Ratepayer-funded, privately operated

\$7 million in FY 2011

\$15 million in FY 2012

\$17.5 million in FY 2013

\$20 million in FY 2014

- Performance-based contract to DDOE
- Designed to help District households, businesses, and institutions **save energy and money** through **energy efficiency** and **renewable energy** programs.



Who Is the DC SEU?

DCSEU



L. S. Caldwell & Associates, Inc.
www.lscaldwell.com



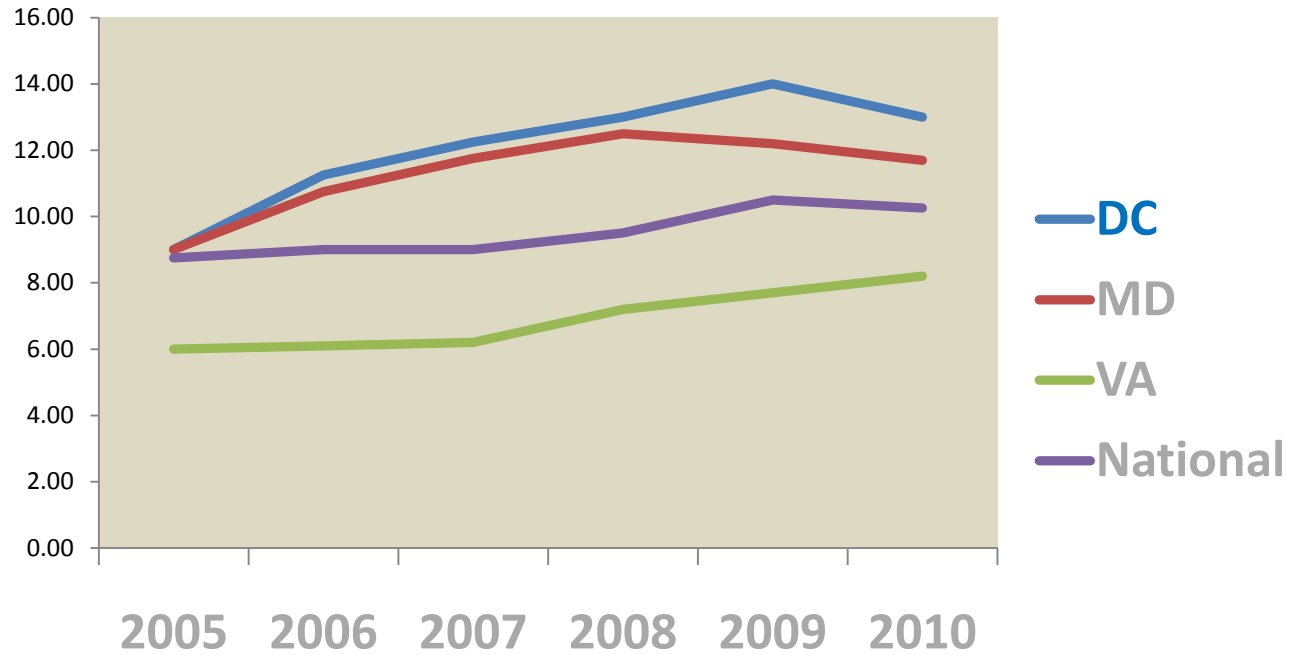
Performance Metrics for the DC SEU

- Reduce **energy** use
- Reduce **peak demand**
- Increase **renewable** capacity
- **Jobs** for DC residents
- Create business for **CBEs**
- Spend 30% of funding on **low-income**

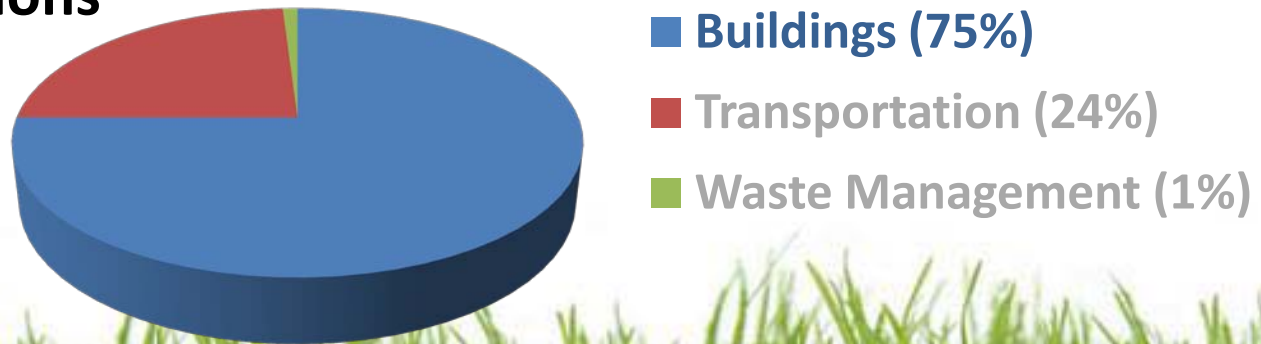


The Need for Building Efficiency

Commercial Electricity Prices

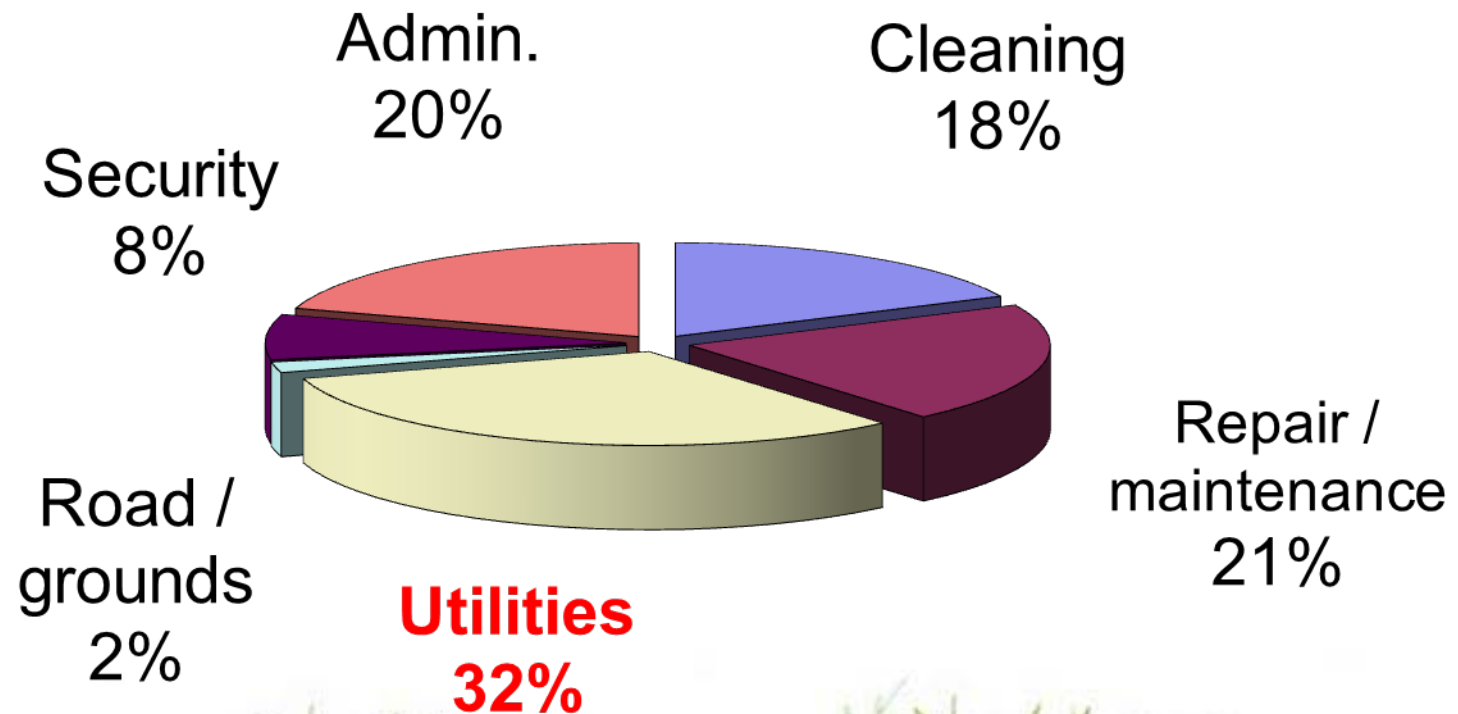


DC Greenhouse Gas Emissions



Energy Is the Largest Operating Cost for DC Office Buildings

Average Shares of Total Operating Cost
Downtown Washington Office Building



What Does the DC SEU Do?

- Technical consultations & assistance
- Make products more accessible
- Help make cost-effective retrofits that bring higher value to buildings and residences
- Improve access to financing
- Contractor mentoring and development
- Job training and workforce development
- Incentives and rebates
- **What else helps YOU?**

FY 2011: The Beginning



YEAR **ONE**
HIGHLIGHTS

Strategy: Direct Installation and
mini-retrofit projects

- **Low-Income Multifamily Direct Installation**
4,710 low-income multifamily residences served
- **Small Commercial Direct Installation**
745 small commercial and institutional facilities served
- **Single-Family Residential Retrofit**
169 single-family homes served

FY 2012: New Programs, Same Goals



Strategy: **Support and develop the markets for energy efficiency**

Meet contract goals for energy savings and social equity

- **Commercial and Institutional Programs**
 - Fluorescent Lighting Upgrade (T12 Replacement)
 - Business Energy Rebates program
 - Custom



FY 2012: New Programs, Same Goals



Strategy: **Support and develop the markets for energy efficiency**

Meet contract goals for energy savings and social equity

- **Low-Income Multifamily Programs**
 - Fluorescent Lighting Upgrade (T12 Replacement)
 - Comprehensive
 - Solar Thermal (Hot Water) Heating
- **Low-Income Single Family**
 - Ward 7 and 8 Solar (Electric) Initiative

FY 2012: New Programs, Same Goals



Strategy: **Support and develop the markets for energy efficiency**

Meet contract goals for energy savings and social equity

- Residential Programs
 - Food Bank CFL Distribution program
 - Retail Efficient Products Program
 - DC Home Performance with ENERGY STAR
 - Federal Home Loan Bank Forgivable Loan

DCSEU

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