



DC
SUSTAINABLE ENERGY
UTILITY

Delivering the Benefits of Solar to the District

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DCSEU.COM

What Is the Sustainable Energy Utility?

- ▶ Clean & Affordable Energy Act (2008)
- ▶ Ratepayer-funded, privately operated
- ▶ Performance-based contract to DOEE
- ▶ Designed to help District households, businesses, and institutions **save energy and money** through **energy efficiency** and **renewable energy** programs.



DCSEU Goals

Electricity
Savings



Gas
Savings

Green
Jobs



Local Economic
Development



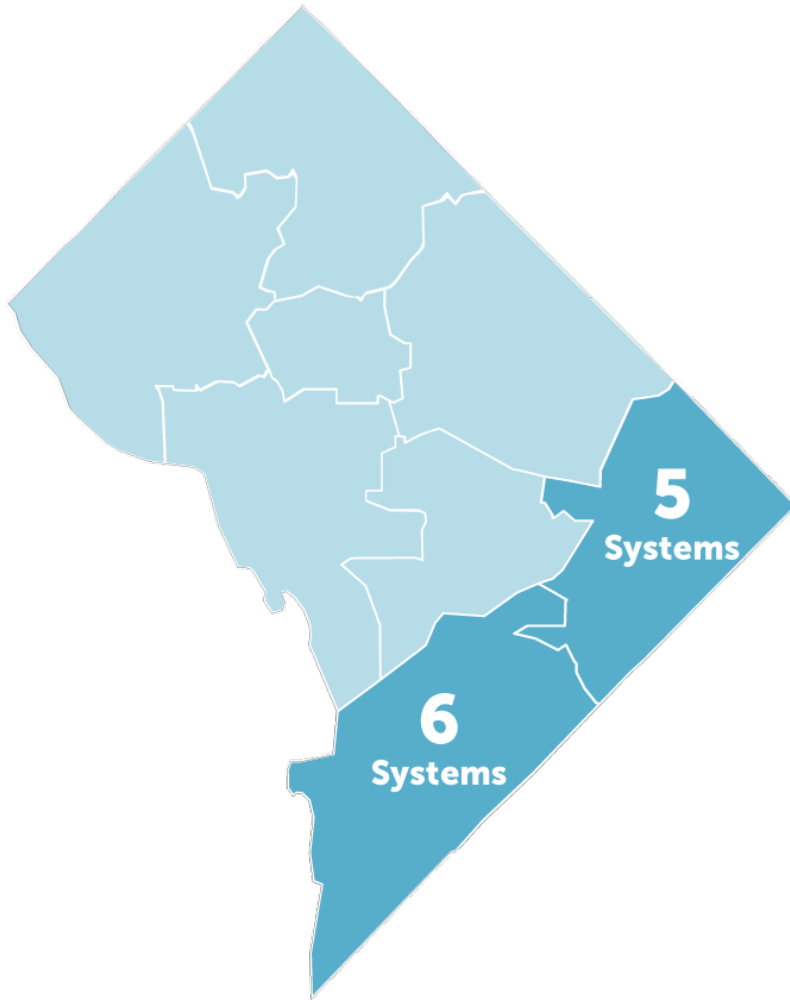
Low-Income
Spending



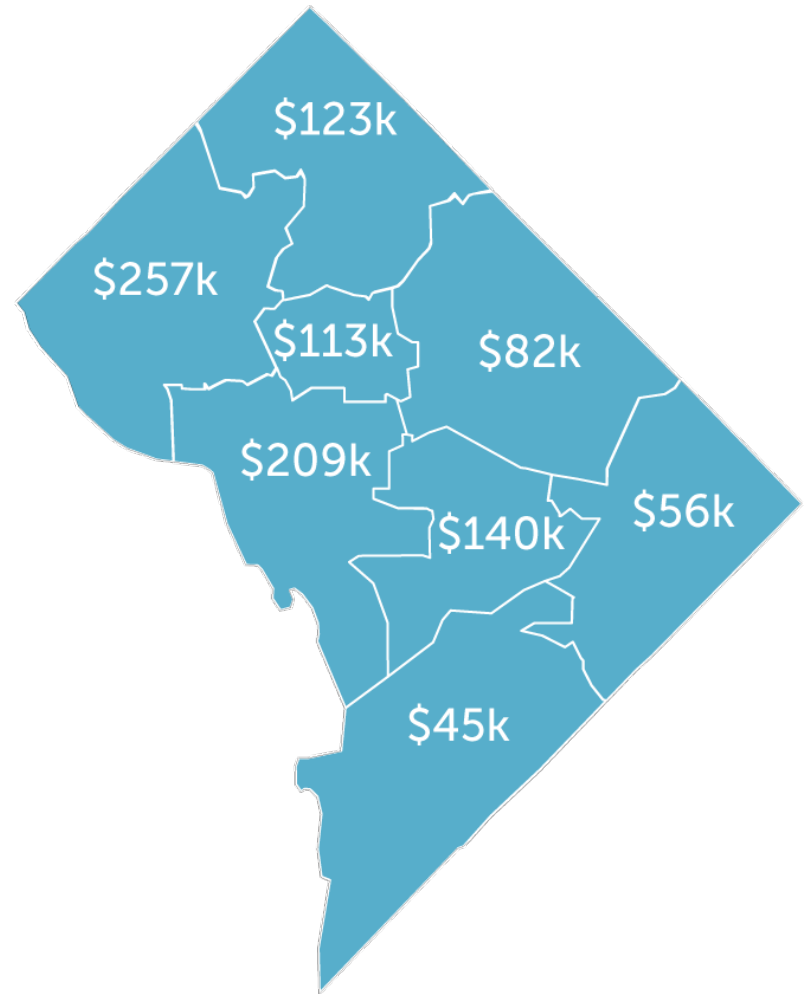
Renewables



Residential Solar in DC in 2012



Solar PV installs by Ward 2012



Income by Ward 2012

How Does the DCSEU:

- ▶ Help low-income residents get access to solar?
- ▶ Provide DC-based companies opportunities to install solar?
- ▶ Provide training and job opportunities to DC residents?



Investing Locally

- ▶ **Certified Business Enterprise Contractor Engagement**
- ▶ **Workforce Development Program**
 - **Placement with CBE contractor**
 - **Living Wage during training**
 - **Job training and soft skills**
 - **Job placement assistance**



Solar for Low-Income Families

500+

single-family
solar PV
system
installations



2012



1 PV

system
every 1.8
work days
in 2015



Reduced Interconnection Time

through interagency/utility collaboration



\$10 million

in lifetime energy cost savings



Solar for All

- ▶ Lessons learned from DCSEU Programming
 - Old housing stock issues
 - Building trust with residents
- ▶ Solar for All legislation allows for:
 - Money to be used for roof repairs
 - Upgrade electrical systems
- ▶ DOE grants to solar organizations





Multifamily Solar

Solar for Small Businesses

- ▶ Why so few installations?
- ▶ New set of challenges
 - Building ownership / lease terms
 - Roofing issues
 - Who is paying utilities?
- ▶ Wards 7 & 8 again



Small Business Solar Pilot

- ▶ 13 installations over 4 months
- ▶ \$695,000 in lifetime energy cost savings
- ▶ Lessons learned



THE SUSTAINABLE ENERGY PARTNERSHIP



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



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