

DC
SUSTAINABLE ENERGY
UTILITY

Serving District Residents

Ted Trabue

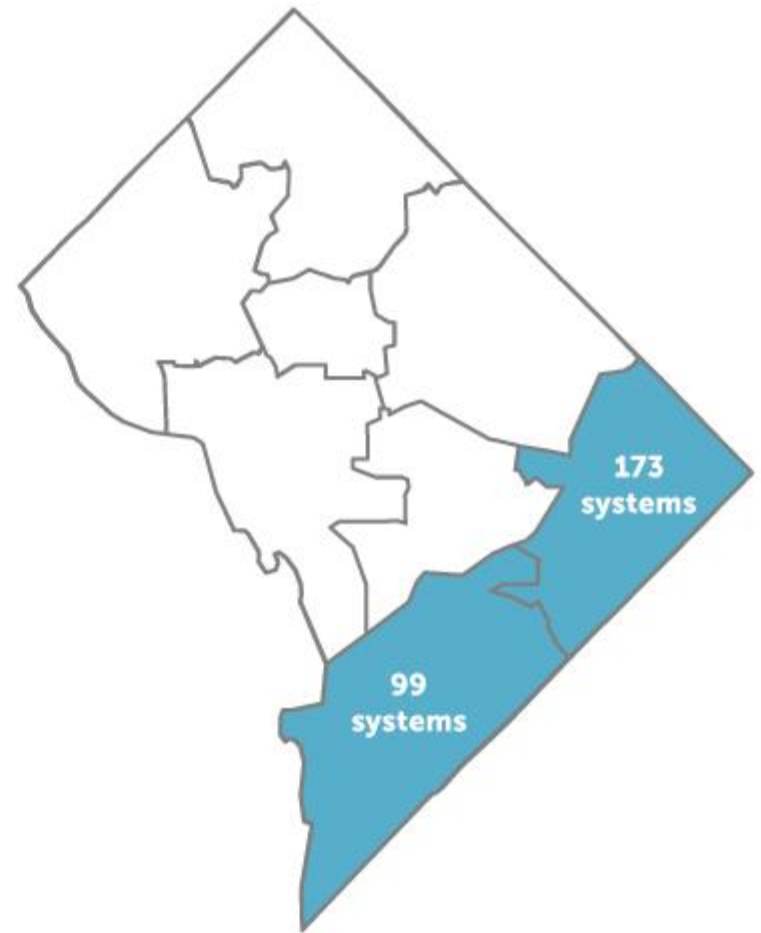
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Putting Solar on the Map



2011



To Date



Affordable Solar Program

Largest
income-qualified
solar program on
East Coast

137
solar PV
system
installations
in FY 2015



250
days

1 PV
system
every 1.8
work
days



30%

of all solar PV projects installed
in DC during FY 2015



Reduced

Interconnection Time
through interagency/utility collaboration



\$3.6 million

in lifetime energy cost savings
in FY 2015



500 systems
installed by end of FY 2016

The Benefits of Solar

- ▶ Access to solar for low-income residents
- ▶ Opportunity for small local businesses
- ▶ Green job creation
- ▶ Interagency collaboration



Challenges and Barriers

- ▶ “What’s the catch?”
- ▶ Old housing stock = old roofs
- ▶ Is the electrical system safe?
- ▶ The District has 1.9 million trees



The Future of Affordable Solar

- ▶ Renewable Portfolio Standard
 - Income-qualified = 80% AMI vs. 60% AMI
 - 100,000 income-qualified households by 2032
 - Ability to address structural/electrical issues



Residential Services



Washers



Dryers



Dehumidifiers



Dishwashers



Refrigerators



Air Conditioning



Home Heating



Water Heating



Thermostats and Controls



Audits



Air Sealing & Insulation



THE SUSTAINABLE ENERGY PARTNERSHIP



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

