

Ernest Jolly, DCSEU Managing Director

Building Electrification & the DCSEU



DC
SUSTAINABLE ENERGY
UTILITY

DCSEU Impact



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\$1.4 billion
in lifetime energy cost
saving for DC residents and
businesses



**7+ Million
Metric Tons**
of lifetime greenhouse
gas emissions prevented



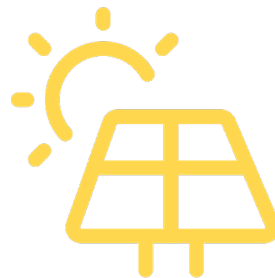
\$60+ Million
invested in energy
efficiency and renewable
energy in low-income
communities



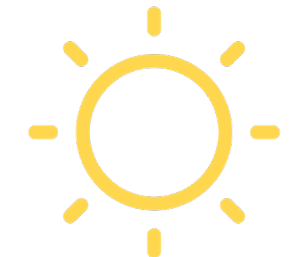
600 +
Green jobs created in DC



200 + CREFs
developed in Solar for All



8,000 +
DC residents have access
to the benefits of Solar
through Solar for All



Single-Family Electrification



Income Qualifying

The DCSEU is committed to making energy efficiency, decarbonization, and renewable energy more accessible to DC residents regardless of income. Homeowners and renters in single-family homes (4 units or less) can qualify by meeting 80% AMI threshold.



No-Cost HVAC Electrification

The HVAC Replacement Program helps DC Residents make the switch from natural gas, electrify their home heating and water heating system, eliminate their gas bill, and increase their indoor air quality.



Rooftop Solar or Community Solar at No-Cost

Residents can work with DCSEU contractors to install solar photovoltaic (PV) systems on their roof at no cost or access Community Solar through DOEE, offsetting electricity costs by about \$500 each year.

Community Renewable Energy Facilities (CREFs)

- ▶ Through Solar for All, the DCSEU works with local solar developers to design and install large community solar photovoltaic (PV) systems on commercial and multifamily properties around the District to benefit:
 - ▶ **Income qualified DC residents** who don't live in single family homes, cutting their electricity bills up to 50%
 - ▶ **Property owners**, through increased property value, potential lease payments from the developer, or building improvements such as a new roof.
 - ▶ **Local contractors and green workforce**, spending over \$25 millions in incentives with local developers and creating over 127 FTE green jobs for DC residents to fill.





What is it?

- ▶ DOEE, DCSEU, DC Green Bank
- ▶ Five-year, stimulus and SETF funded program, designed to help qualified affordable multifamily and other under-resourced buildings to:
 - ▶ **Meet BEPS**
 - ▶ **Preserve affordability**
 - ▶ **Cut energy costs, run their building more efficiently, and reduce greenhouse gas emissions**
 - ▶ **Increase quality of life for residents**

Who Benefits?

- ▶ About 100 eligible affordable multifamily and other under-resourced buildings that don't meet BEPS
- ▶ Residents who call those buildings home
- ▶ Local contractors and green workforce supporting the upgrades

What's Offered?

- ▶ ENERGY STAR® Portfolio Manager® Benchmarking data scrub
- ▶ ASHRAE Level II "audit⁺"
- ▶ BEPS compliance support – Action Plan development
- ▶ Financial support for selected energy efficiency and Retro commissioning projects
- ▶ Electrification/fuel switching opportunities

Pathways to Incentives & Technical Support For Commercial, Multifamily, and Institutional Buildings



Self-Service

Work with your own contractor, choose your own equipment, and work to complete your project.

Apply for prescriptive rebates (**up to \$100k per customer**) or purchase equipment directly from a Participating Distributor.



Custom Service

Don't see a rebate listed for your equipment or is your project larger than \$100k? Work with the us to get custom incentive analysis and technical support for your project.

Purchase and install your equipment, get an DCSEU walkthrough, get your rebate check, and start saving.



Contractor/Direct Service

Don't know where to start your project? Work with us and a DCSEU Approved Contractor to get your project to the finish line.

Get technical and project management support for your project. Your rebate is cost shared with the DCSEU and we pay the contractor.

Pathways to Electrification in the District

2032 Goals

- ▶ Adapt to climate change
- ▶ Climate ready buildings
- ▶ Cut energy use by **50%**
- ▶ **50%** renewable energy
- ▶ Net zero new buildings & retrofits
- ▶ Cut GHG emission **50%**

Funding the Future of Electrification

- ▶ Healthy Housing and Residential Electrification Amendment Act of 2023 (Pending) - **30,000 homes** in DC by 2040
- ▶ **Inflation Reduction Act (IRA) Funding** (Pending)

New Buildings

- ▶ Adopt a **Net Zero Energy building code by 2026**

Existing Buildings

- ▶ Improve the performance of existing buildings by implementing a **Building Energy Performance Standard (BEPS)**

100% Renewable Electricity

- ▶ Require **100% renewable electricity** by 2032, and **10% from local solar** by 2041



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Thank You!

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OF ENERGY &
ENVIRONMENT

WE ARE
WASHINGTON
DC GOVERNMENT OF THE
DISTRICT OF COLUMBIA
MURIEL BOWSER, MAYOR