

DC Energy Storage Grant Program (DESGP)

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Introduction

- Strengthen resilience in DC
- Promote sustainability and climate resilience
- Improve energy reliability, especially for low-to-moderate income households and communities

Desired Outcomes

- Increase the amount of local solar energy storage capacity
- Demonstrate best practices and standards for installing energy storage systems (as well as demonstrating replicability and scalability)
- Maximize benefits (financial and other) generated by the installation of BESS for low-to moderate income households/communities at or below 80% of AMI for at least 15 years
- Improve grid flexibility

Grant Details

- Grant covers 20-40% of project costs
- Prioritizes low-to-moderate income households (80% AMI)
- Must enhance newly built or existing renewable energy system
- Demonstrate compliance with Build American, Buy American Act provisions

Eligible Projects

- Battery energy storage systems (BESS) projects of at least 20kWh
- Microgrid composed of BESS and a control system
- Islanding capability

****Grantee is responsible for operation and maintenance for at least 15 years*

Continued...

- Adaptive protection technologies
- Advanced modeling technologies
- Fire-resistant technologies and fire prevention systems
- Hardening of power lines, facilities, substations, or other systems
- Monitoring and control technologies
- Relocation of power lines or reconductoring of power lines with low-sag, advanced conductors
- Replacement of old overhead conductors & underground cables
- Undergrounding of electrical equipment
- Use or construction of DERs for enhancing system adaptive capacity during disruptive events, including microgrids and battery-storage subcomponents
- Utility pole management
- Vegetation and fuel-load management
- Weatherization technologies and equipment

Ineligible

- Construction of a new electric generating facility
- Large-scale battery storage facilities not being used to supply electricity where needed during disruptive events
- Cybersecurity measures

Funding Sources

1. Sustainable Energy Trust Fund (SETF)
2. Infrastructure Investment and Jobs Act (IIJA),
Section 40101(d) funding for grid resilience

Total of \$3,560,494 available

**Dependent on grantee performance and
continuous funding availability*

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Federal Acquisitions and Assistance Cont.

- **Period of Performance** – 5 Years (initially)
- **Total Project Amount** – See Block 12 of your Assistance Agreement Cover Page

Cost Match Requirements	
State/Tribes	15% of Federal Allocation
Subawardee *Selling more than 4M MWh per year	100% of Subaward Value
Subawardee *Selling 4M MWh or less per year	1/3 of Subaward Value

- **Administrative and Technical Assistance:**
 - Up to 5% of federal funding can be used for technical assistance and program administration.
 - The 15% cost match can also be used for technical assistance and program administration.



Funding Distribution

- DOEE anticipates satisfying the 15 percent match across all funding years from District funds included in the Sustainability Energy Trust Fund, Renewable Energy Development Fund, or other sources as may be prescribed. The technical and administrative costs include personnel expenses related to project management, accounting, grant reporting, and grant administration.

Application deadline and grant period

- Due 4/12/2024
- Begins upon Director's signature
- Continues through September 30, 2024
- Subject to funding availability and performance

Active Grants Application Portal

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Proposal Requirements

- Site selection
- Design and installation plan
- O&M Plan + QA/QC
- System performance reporting
- Compliance with local regulations and safety standards

Application Scoring

- Ten-point scoring criteria
- Preference given to:
 - Solar for All Program or resilience facilities
 - District-based organizations or companies

Questions

Email 2023DCESGP.grants@dc.gov