



# Advancing Resilient Solar+Storage

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[cleanegroup.org](https://cleanegroup.org)

Seth Mullendore  
President and Executive Director



Affordable, reliable, clean energy for all.



**Climate Resilience and  
Community Health**



**Distributed Energy Access  
and Equity**



**Energy Storage and Flexible  
Demand**



**Fossil Fuel Replacement**

# Resilient Power Project

Building the foundation for energy resilient communities.

**USDN** | urban sustainability  
directors network

footprintproject.org™

AMERICAN MICROGRID  
SOLUTIONS



**ELEVATE**



GEMINI  
ENERGY  
SOLUTIONS



Rooftop solar installation in Dorchester, MA. Credit: Resonant Energy



# CleanEnergyGroup

# TECHNICAL ASSISTANCE FUND

*Providing Support to Build Local Resilience*



# Resilient Power Project **Development**



To successfully seek funding and move towards project development, project teams need to know:

- System size,
- **Cost** of installation and maintenance,
- Estimated lifetime **savings**,
- Benefits from the system: community resilience and environmental sustainability

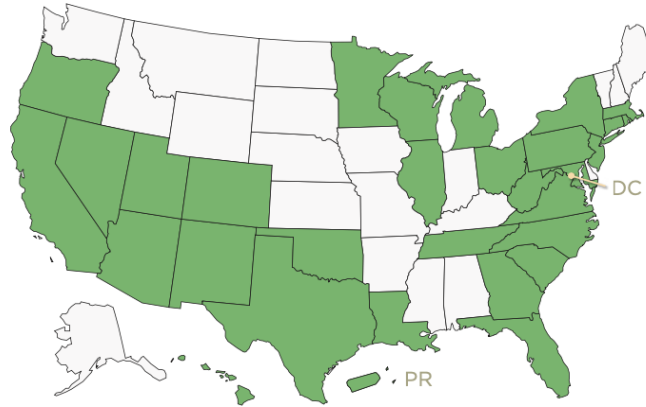
The Technical Assistance Fund provides project teams with a clear picture of costs, ownership structures, and financial incentives to help with decision making and fundraising.

# TECHNICAL ASSISTANCE FUND **IMPACTS**, 2014 - 2023

**\$1.7 million  
in Grant Awards**



**32 States  
and Territories**



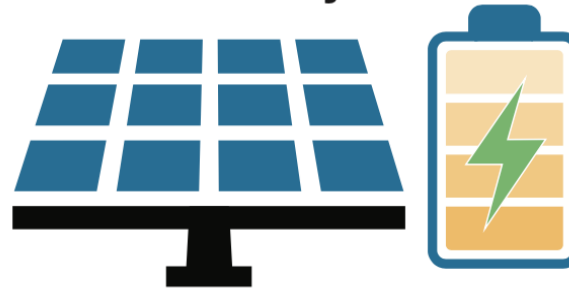
**Over 150 Community  
Service Partners**



**309  
Community Facilities**



**60 Completed  
Projects**



**3,000 Affordable  
Housing Units**



# Maycroft Apartments

**Location:** Washington, DC

**Critical Loads:** Hallway and stairwell lighting, and a resiliency center that provides lighting, exhaust and floor fans, charging for phones and medical devices, refrigeration for food and medication, and a microwave

**Costs:** \$130,000 batteries and installation, \$197,000 solar

**Additional Benefits:** Community solar for 100 residents - \$40 monthly utility savings



# California Indian Museum and Cultural Center (CIMCC)

**Location:** Santa Rosa, CA

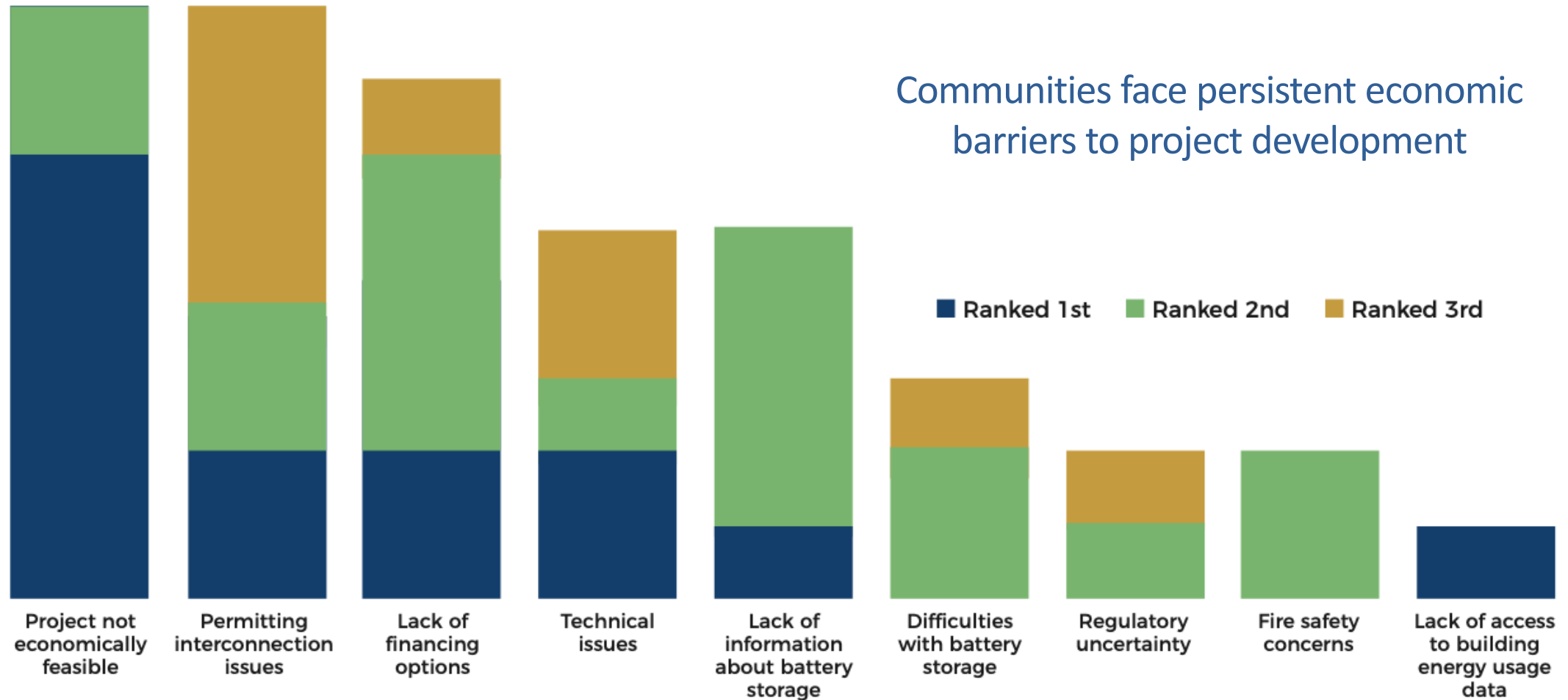
**Critical Loads:** Maintain community services and serve as cooling center for up to 3 days.

**Additional Benefits:** \$21,700 in annual utility bill savings



### Top Three Barriers to Solar+Storage Project Development

Communities face persistent economic barriers to project development



# What can **states** do?

- **Incentive** programs
- Encourage favorable **market** conditions (utility programs, rate tariffs)
- Early-stage project **support** (education, technical assistance)
- Accessible **financing** (on-bill financing, no minimum project size, flexible credit score)
- Address **interconnection** delays
- Simplify **permitting** processes (fire department, buildings department)

# Thank You



## **Seth Mullendore**

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