

# Energy Delivery and Security Directorate Deployment Portfolio

*EDSD is supporting the Grid Deployment Office's mission to catalyze the development of new and upgraded electric infrastructure across the country and install rooftop solar and batteries in Puerto Rico's most vulnerable communities.*

## Grid Resilience Utility & Industry Grants (BIL 40101c - Topic Area 1)

## Smart Grid Grants (BIL 40107 - Topic Area 2)

## Grid Innovation Program (BIL 40103b - Topic Area 3)

### GRIP program structure.

Through the award of **\$10.5B**, the Grid Resilience and Innovation Partnerships (GRIP) Program will enhance **grid flexibility and improve the resilience of the power system** against growing threats of extreme weather and climate change.

- GRIP 1: **57 awards worth \$8.2B including 58% cost share.**
- GRIP 2: **46 selections worth \$8.2B including 70% cost share.**

The Grid Resilience State and Tribal Formula Grants program will distribute \$2.3B in funding to states, territories, and federally recognized Indian tribes, including Alaska Native Regional Corporations and Alaska Native Village Corporations, over five years to strengthen and modernize America's power grid against wildfires, extreme weather, and other natural disasters that are exacerbated by the climate crisis.

- 318 active awards
  - States: 49 – DOE share \$1.8B.
  - Territories/D.C.: 6 – DOE share \$26M.
  - Tribal: 263 – DOE share \$183M.



**Puerto Rico — opportunities for rooftop solar.**

The Grid Deployment Office launched the **Puerto Rico Energy Resilience Fund (PR-ERF)** to support Puerto Rico's grid resilience efforts and achieve the goal for the commonwealth to meet **100% of its electricity needs with renewable energy by 2050.**

- Funding will support solar panels and batteries for **more than 20,000 low-income households** and create local, good-paying jobs; part of a \$1B effort to increase resilience for Puerto Rican households.
- Up to \$440M, will **help lower energy bills for single-family households** in Puerto Rico, improve household energy resilience, and keep the lights on during extreme weather events.
- Slate of community groups and nonprofits selected to receive up to \$13.85M to help vulnerable households in Puerto Rico obtain residential solar and battery storage installations and **provide residents with education and consumer protection services.**
- In August 2024, NETL released a second FOA for \$325M for solar and battery systems to be installed on **public multi-family housing and community healthcare facilities.**



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