

Bipartisan Infrastructure Law

Grid Infrastructure Overview



Funding Program Highlights:

Delivering Reliable, Clean, and Affordable Power to More Americans

Program Name (DOE)	Funding Amount	Next Milestones
Preventing Outages and Enhancing the Resilience of the Electric Grid / Hazard Hardening (Grid Hardening Grants)	\$5 billion	<ul style="list-style-type: none">• NOI/RFI for state, territory and tribal formula grant program; released in mid-April• NOI/RFI for utilities and industry competitive program expected to be released in Summer 2022
Program Upgrading Our Electric Grid and Ensuring Reliability and Resiliency (Grid Resilience Demos)	\$5 billion	<ul style="list-style-type: none">• NOI/RFI expected to be released in Summer 2022
Deployment of Technologies to Enhance Grid Flexibility (Smart Grid Grants)	\$3 billion	<ul style="list-style-type: none">• NOI/RFI expected to be released in Summer 2022
Transmission Facilitation Program	\$2.5 billion	<ul style="list-style-type: none">• RFI released in May 2022



Preventing Outages and Enhancing the Resilience of the Electric Grid (Grid Hardening Grants)

- Provides grants for supplemental hardening activities to reduce risks of power lines causing wildfires and the likelihood and consequence of impacts to the electric grid due to extreme weather, wildfires, and natural disasters.
 - No new electric generating facilities or II) large-scale battery-storage facilities that are not used for enhancing system adaptive capacity during disruptive events, or cybersecurity activities authorized
- Half [\$2.5 Billion (\$500 million per year) for FY 2022–2026] to industry via a competitive solicitation
 - Small utility set aside of 30%
 - Industry must match grants; Capped at the amount the eligible entity has spent in the previous 3 years on hardening efforts



Grid Hardening Grants

- Half [\$2.5 Billion (\$500 million per year) for FY 2022–2026] to States, Territories, and Tribes via annual formula grant
 - 15% cost share
 - Up to 5% can be used for Technical Assistance
- Legislation set specific 5-part formula based on population, area, probability, severity of Disruptive Events and expenditure on Mitigation Efforts.
- States, Territories, and Tribes need to submit to DOE
 - Criteria and methods to award grants and Evidence of notice and public hearing on them
- NOI/RFI for formula grant program expected to be released in April

Upgrading Our Electric Grid and Ensuring Reliability and Resiliency (Grid Resilience Demonstrations)

- \$5 Billion (\$1 Billion per year) for FY 2022–2026 for competitive grants
 - to demonstrate innovative approaches to transmission, storage, and distribution infrastructure to harden and enhance resilience and reliability;
 - to demonstrate new approaches to enhance regional grid resilience, implemented through States by public and rural electric cooperative entities on a cost-shared basis.
- Eligible entities are:
 - a State;
 - a combination of 2 or more States;
 - an Indian Tribe;
 - a unit of local government;
 - a public utility commission



Other Funded Grid Programs from BIL

- Deployment of Technologies to Enhance Grid Flexibility (Smart Grid Investment Grants)
 - Provides \$3 Billion (\$600M per year) for FY 2022–2026 Competitive Solicitation for Industry
 - Expands the SGIG Program to support data analytics, communications, and advanced transmission technologies
- Transmission Facilitation Program
 - \$2.5B revolving fund to facilitate development of transmission projects:
 - New or replacement high-capacity transmission lines
 - Increasing capacity of existing lines
 - Connecting isolated microgrids in AK, HI, and U.S. territories
 - Three tools: anchor customer, loans, public-private partnerships

Questions?

