



Grid Resilience and Innovation Partnerships Program

As part of the Bipartisan Infrastructure Law, the Grid Deployment Office (GDO) is administering a \$10.5 billion Grid Resilience and Innovation Partnerships (GRIP) Program to enhance grid flexibility and improve the resilience of the nation’s power grid against the growing threats of extreme weather and climate change. These programs will accelerate the deployment of transformative projects across the nation to strengthen the reliability of the power sector’s infrastructure, and ensure that all American communities have access to affordable, reliable, clean electricity anytime, anywhere. GRIP includes three funding mechanisms:

GRID RESILIENCE UTILITY AND INDUSTRY GRANTS (\$2.5 BILLION)

Grid Resilience Utility and Industry Grants support activities that will modernize the electric grid to reduce the impacts from extreme weather, wildfires, and natural disasters. The second round of funding will focus on hardening infrastructure with digitization and automation; improving tools to restore power to the grid during outages; and investing in technologies to improve the efficiency of the grid, such as advanced conductoring and reconductoring. This funding opportunity is available to electric grid operators, electricity storage operators, electricity generators, transmission owners or operators, distribution providers, and fuel suppliers.

SMART GRID GRANTS (\$3 BILLION)

Smart Grid Grants increase the flexibility, efficiency, reliability, and resilience of the electric power system, with a particular focus on increasing the capacity of the transmission system; improving interconnection processes to accelerate clean energy buildout; integrating renewable energy at the transmission and distribution levels; and facilitating the electrification of vehicles, buildings, and other grid-edge devices. The second round of funding will expand opportunities to deploy transmission, specifically advanced conductors, high-voltage direct current, and grid-enhancing technologies, as well as more rapid processing of interconnection applications and minimizing queue-related delays for clean energy at both the transmission and distribution levels. This grant program has broad eligibility and is available to domestic entities, including institutions of higher education, for-profit entities, non-profit entities, state and local governmental entities, and tribal nations.

GRID INNOVATION PROGRAM (\$5 BILLION)

The **Grid Innovation Program** provides financial assistance to one or multiple states, Tribes, local governments, and public utility commissions to collaborate with electric sector owners and operators to deploy projects that use innovative approaches to transmission, storage, and distribution infrastructure to enhance grid resilience and reliability. The second round of funding will prioritize transmission projects to support remote clean energy generation, improve interregional interconnection, and use innovative technologies or execution approaches. The program will also prioritize projects that provide scalability, replicability, and innovation in the distribution space, such as district electrification, grid and resilience services from distributed energy resources, and battery energy storage systems.

	Federal funding available in second funding opportunity (announced November 2023)	Concept papers due	Full applications due
Grid Resilience Utility and Industry Grants	\$918 million	January 12, 2024	April 17, 2024
Smart Grid Grants	\$1.09 billion		May 22, 2024
Grid Innovation Grants	\$1.82 billion		April 17, 2024