



Grid and Transmission Federal Funding Opportunities

Dylan Reed | Senior Advisor, External Affairs

January 26, 2022





U.S. DEPARTMENT OF ENERGY
Building a Better Grid



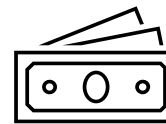
Engagement and
Collaboration

- Federal agencies
- States
- Tribal Nations
- ISOs/RTOs
- Stakeholders



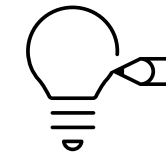
Enhanced
Transmission
Planning

- National Transmission Planning Study
- Transmission Needs Study
- Atlantic Offshore Wind Transmission Study



Federal Financing
Tools (>\$20B)

- Transmission Facilitation Program (\$2.5B)
- Transmission Facility Financing (\$2B)
- Grid resilience formula grants for states, tribes, and territories (\$2.5B)
- Grid Resilience and Innovation Partnerships (GRIP) Program (\$10.5B)



Transmission
Permitting Process

- Improve federal permitting regimes with federal agency partners
- Public private partnerships
- Designation of national interest electric corridors



Transmission
Related R&D

- “Next generation” electricity delivery technologies
- Supporting activities



BIL, IRA and Other Transmission Funding Programs

Program Name (DOE)	Total Funding	Program Goal
<u>BIL: Transmission Facilitation Program</u>	\$2.5 billion	<ul style="list-style-type: none">• Transmission deployment of new and upgrading high-capacity transmission lines. 3 tools: Capacity contracts, loans, and public-private partnerships
<u>IRA: Transmission Facility Financing</u>	\$2 billion	<ul style="list-style-type: none">• Loans for projects designated by the Secretary to be necessary in the national interest under section 216(a) of the Federal Power Act
Loan Programs Office: Title 17 Innovative Clean Energy Loan Guarantee Program	\$40 billion in loan guarantee authority	<ul style="list-style-type: none">• Innovative transmission expansion projects and emerging technologies (including HVDC deployment) are eligible
Loan Programs Office: Title 17 Energy Infrastructure Reinvestment (EIR) Financing (Loan Guarantees)	\$250 billion in loan authority	<ul style="list-style-type: none">• Retool, repower, repurpose or replace energy infrastructure (including transmission) that has ceased operations or enable operating energy infrastructure to avoid air pollutants
<u>IRA: Grants to Facilitate Siting and Permitting of Transmission</u>	\$760 million	<ul style="list-style-type: none">• Grants to siting authorities and state, local, and Tribal authorities to support activities to facilitate siting and permitting of transmission lines and provide economic development opportunities to affected communities

BIL Provides \$13 Billion for Grid Resilience, Innovation, and Smart Grid

Program Name (DOE)	Total Funding	Program Goal
<u>Preventing Outages and Enhancing the Resilience of the Electric Grid / Hazard Hardening - (40101(d) "State, Territory and Tribal Formula Grid Resilience Grants")</u>	\$2.5 billion	<ul style="list-style-type: none"> • Formula funding for Grid Resilience and Hardening Investments tied to state & tribal led objectives, criteria and methods for resilience investments
<u>Preventing Outages and Enhancing the Resilience of the Electric Grid / Hazard Hardening - (40101(c) "Utility/Industry Grid Resilience Grants")</u>	\$2.5 billion	<ul style="list-style-type: none"> • Competitive funding for Grid Resilience and Hardening Investments tied to state & tribal led objectives, criteria and methods for resilience investments
<u>Program Upgrading Our Electric Grid and Ensuring Reliability and Resiliency (40103(b) "Grid Innovation Program")</u>	\$5 billion	<ul style="list-style-type: none"> • Large infrastructure projects, including transmission, distribution and storage. • Partnership between state entities and project/infrastructure developers
<u>Deployment of Technologies to Enhance Grid Flexibility (40107 "Smart Grid Grants")</u>	\$3 billion	<ul style="list-style-type: none"> • Deployment of technology at scale, prioritization of technologies that increase transmission capacity, mitigate wildfires, manage load / electrification of “edge devices”, and incorporate secure communications / cybersecurity

Learn more about the Grid Deployment Office

- The Grid and Transmission Programs Conductor acts as a clearinghouse for GDO's transmission and grid resilience financing programs
- Find information on Grid and Transmission programs within:
 - Bipartisan Infrastructure Law
 - Inflation Reduction Act
 - And other existing DOE transmission and grid programs

Grid and Transmission Program Conductor

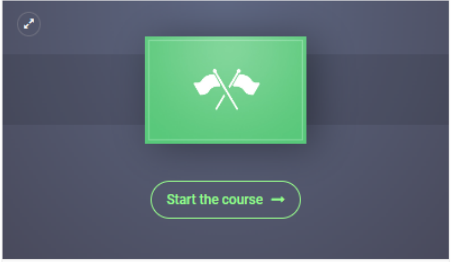
Grid Deployment Office

Grid Deployment Office » Grid and Transmission Program Conductor

The **Grid and Transmission Program Conductor** acts as a clearinghouse for GDO's transmission and grid resilience financing programs, as well as other existing DOE transmission and grid programs.

The Conductor consists of an interactive tool to find the opportunities best suited to individual projects. Scroll down to the [program summary](#) below or visit the [Conductor Guide](#) for more comprehensive information about the available funding opportunities and the application process.

Use this tool to find the best program for you:



Reuse Embed H/P

Programs Summary

	SOLICITATION	FUNDING MECHANISM	NEXT STEPS
Transmission Facilitation Program	Solicitation for loans, public private partnerships, and additional capacity contracts in Spring 2023	Capacity contracts	Submission deadline for the first phase is February 1, 2023.



GDO
GRID DEPLOYMENT OFFICE

Contact Us



www.energy.gov/gdo



Dylan.Reed@hq.doe.gov