

GRID RESILIENCE STATE AND TRIBAL FORMULA GRANT

Program 163, January 2025



For more than a century, the NETL has been a world-class technology innovation center with a global impact across the energy sector and beyond, including the defense and healthcare sectors. Today, NETL continues to address critical energy, infrastructure and manufacturing challenges by accelerating cutting-edge, cost-effective technological solutions, enabling low-carbon supply chains, and creating cleaner and better-paying American jobs for sustained economic growth.

NETL drives impactful research and development (R&D) within its laboratories and beyond. The Laboratory conducts significant in-house R&D while managing R&D portfolios for various DOE offices, including the Office of Fossil Energy and Carbon Management (FECM); the Office of Energy Efficiency and Renewable Energy (EERE); the Office of Cybersecurity, Energy Security, and Emergency Response (CESER); the Office of Electricity (OE); the Grid Deployment Office (GDO); the Office of Manufacturing and Energy Supply Chains (MESC); and the Joint Office of Energy and Transportation. NETL's external R&D portfolio includes more than 1,100 projects — a total award value of more than \$6 billion and a cost share of more than \$1.4 billion — with more than 500 partners from small and large businesses, national and international research organizations, colleges and universities, and other government laboratories, including other DOE national laboratories.

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**U.S. DEPARTMENT
of ENERGY**

Managed by GDO and supported by the Bipartisan Infrastructure Law (BIL), the Grid Resilience State and Tribal Formula Grants provide non-competitive funding to states (including U.S. territories) and Indian tribes to improve the resilience of their electric grids. The program, which NETL administers under BIL provision 40101(d), is designed to strengthen and modernize America's power grid against wildfires, extreme weather, and other natural disasters that are exacerbated by the climate crisis.

NETL ENERGY DELIVERY AND SECURITY DIRECTORATE (EDSD)

INFRASTRUCTURE RESPONSE AND STATE, LOCAL, TRIBAL AND TERRITORIAL (IR&SLTT) TEAM — The IR & SLTT Team facilitates the security and reliability of energy delivery by assisting state, local, tribal and territorial governments in increasing electric grid resiliency and by facilitating federal support for responses to events that disrupt the nation's energy systems. With a strong commitment to collaboration and innovation, the team supports OE, GDO and CESER by working closely with the DOE program managers to ensure that activities are done consistently, in accordance with the overall programmatic goals.

Following application submission, a federal project officer (FPO) from the IR&SLTT team will be assigned to the award. The FPO will be there to assist the applicant each step of the way, including with the application, reporting, yearly allocation processing, project development and approval, and to provide other general guidance.

40101(D) OVERVIEW

- The program will distribute funding to states, territories and federally recognized Indian tribes, including Alaska Native Regional Corporations and Alaska Native Village Corporations, over five years based on a formula that includes factors such as population size, land area, probability and severity of disruptive events, and a locality's historical expenditures on mitigation efforts.
- The states, territories and tribes will then award these funds to a diverse set of projects, with priority given to efforts that generate the greatest community benefit providing affordable and reliable energy.

- The application process is outlined in the Administrative & Legal Requirements Document (ALRD) on DOE's FedConnect. Video tutorials for completing and submitting the application are available, and include what applicants need to know before applying, registration and pre-application requirements, necessary forms, and steps after submission.
- Before applying, applicants will need to issue a public notice and conduct a public hearing to receive input on the criteria, strategies, and methods they plan to use when determining and implementing grid resilience projects. Applicants must also register for SAM.gov and FedConnect, and obtain a unique entity identifier.
- States and Indian tribes will need provide a 15% match on the federal allocation. Additionally, when the state or Indian tribe issues subawards for resilience projects, the entity receiving those funds must provide a 100% match (or 1/3 match for "small utilities"), as explained in the ALRD. Organizations chosen during the state or tribe's selection process will need to contribute up to a 100% match, depending on the type of organization. More on cost match below.
- The award and execution of this grant and subsequent projects occurs in two phases:
 - Phase 1 (initial award)** includes a broader, vague application, where goals and objectives will be addressed at a high level and funding and points of contact will be confirmed for moving forward.
 - Phase 2 (subaward process)** includes specific information and documentation for the implementation of project(s) that the eligible entity (subawardee/subrecipient) plans to do with the funding. This process includes environmental and allowability review.
- Preference will be given to projects that express the greatest grid resilience benefit by reducing the likelihood and consequences of disruptive events.

THINGS TO KEEP IN MIND

While there are many allowable activities, construction of a new electric generating facility, large-scale battery storage facilities NOT being used to supply electricity where needed during disruptive events, and cybersecurity measures are UNALLOWABLE under this 40101(d) grant.

COST MATCH REQUIREMENTS

For any tribe wishing to perform their own subaward(s), either as the tribe or through the tribal-owned utility, there is an additional cost match requirement when subaward(s) are proposed and approved.

15% of Federal Allocations:

- Cost match required at initial award at the recipient level (state/tribe).

1/3 or 100% of Federal Dollars Designated Toward Subaward(s):

- Cost match required at the subaward level (eligible entity).
- Based off of the electricity sales for the eligible entity
 - » Any eligible entity that sells >4,000,000 MWh of electricity per year must match 100% of the amount of the subaward value.
 - » However, if the eligible entity sells ≤4,000,000 MWh of electricity per year, the required match will be 1/3 of the amount of the subaward value. Sub-bullet 1
- If eligible entity does not sell electricity or prove sales of electricity, the cost match is 100%.

Tribes wishing to perform their own subaward(s) would essentially be required to provide 48% or 115% cost match on the federal allocation.

LINKS AND RESOURCES

[Fedconnect.net](#) – Search “DE-FOA-0002376”.

<https://netl.doe.gov/bilhub/grid-resilience/formula-grants> – For guidance, updates and resources for anything 40101(d)

<https://www.eere-pmc.energy.gov/Default.aspx> – For all reporting tracking and submissions

<https://www.energy.gov/gdo/grid-resilience-statetribal-formula-grants-program>

homepage for all 40101(d) Grid Resilience Program items

<https://www.energy.gov/sites/default/files/2024-01/2024-01-18%20Low-Cost%20Grid%20Resilience%20Projects%20Fact%20Sheet.pdf> – Low-cost grid resilience projects



NETL is a U.S. Department of Energy (DOE) national laboratory dedicated to advancing the nation's energy future by creating innovative solutions that strengthen the security, affordability and reliability of energy systems and natural resources. With laboratories and computational capabilities at research facilities in Albany, Oregon; Morgantown, West Virginia; and Pittsburgh, Pennsylvania, NETL addresses energy challenges through implementing DOE programs across the nation and advancing energy technologies related to fossil fuels. By fostering collaborations and conducting world-class research, NETL strives to strengthen national energy security through energy technology development.

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