



Grid Resilience State and Tribal Formula Grants: Fiscal Year 2024

Grid Deployment Office

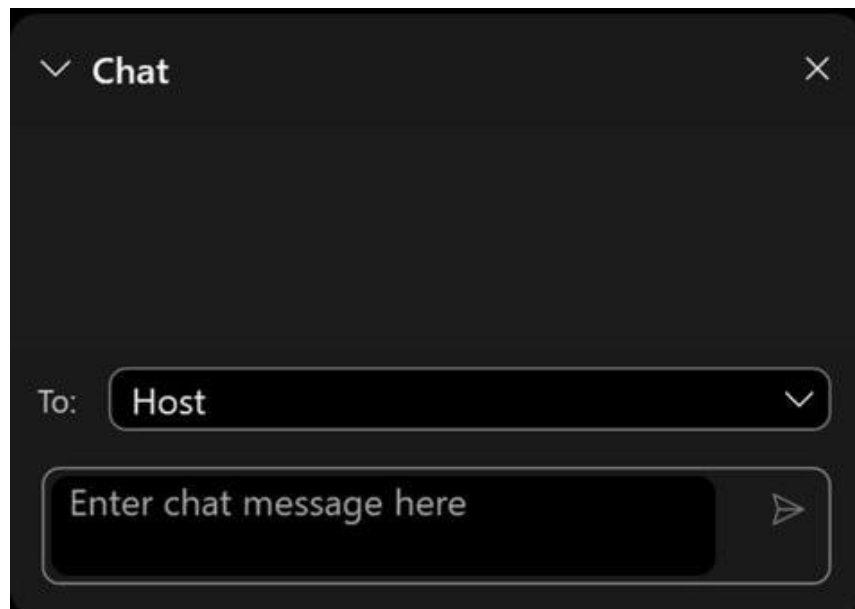
May 30, 2024



Housekeeping

Questions?

If you have technical questions, input them in the chat box and send to host.

A screenshot of a chat window with a dark background. At the top left is a checkmark icon and the word "Chat". At the top right is a close icon (X). Below this is a "To:" label followed by a dropdown menu showing "Host". At the bottom is a text input field with the placeholder text "Enter chat message here" and a send button (right-pointing arrow) on the right.

Grid Resilience Tribal Formula Grant Program

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Webinar Goals and Agenda

Goals

1. Familiarize applicants with FY 24 application cycle of the Grid Resilience State and Tribal Formula Grant Program
2. Share available implementation support

Agenda

Introduction

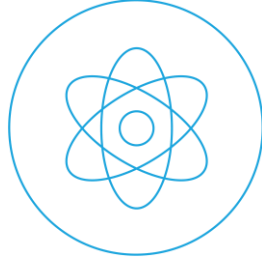
FY 24 Grid Resilience State and Tribal Formula Grant

Pre- and Post- Application Support

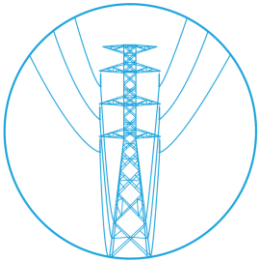
Q&A



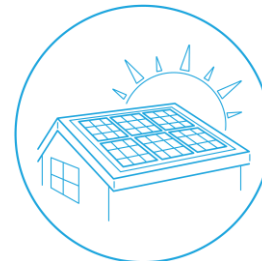
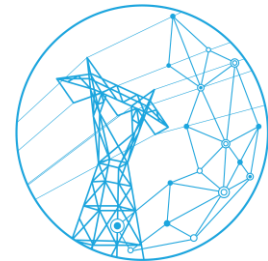
GDO Mission and Goals



Ensure **resource adequacy** by supporting **critical generation sources** and expanding and enhancing **electricity markets**.



Catalyze the development of new and upgraded **high-capacity electric transmission lines** and an improved **distribution system** nationwide.



Prevent **outages** and enhance the **resilience** of the electric grid.



Grid Resilience State and Tribal Formula Grants

Grid Resilience State and Tribal Formula Grants

- ▶ Grant for projects reducing the likelihood and consequences of electrical outages due to extreme weather, wildfire or a natural disaster (Sec. 40101(d))
- ▶ Noncompetitive: Tribes claim their allocation (new and existing applicants)
- ▶ Available funding: \$2.3 billion total funding over five years
- ▶ Application Deadline Extended to **June 17, 2024 at 11:59 pm ET**

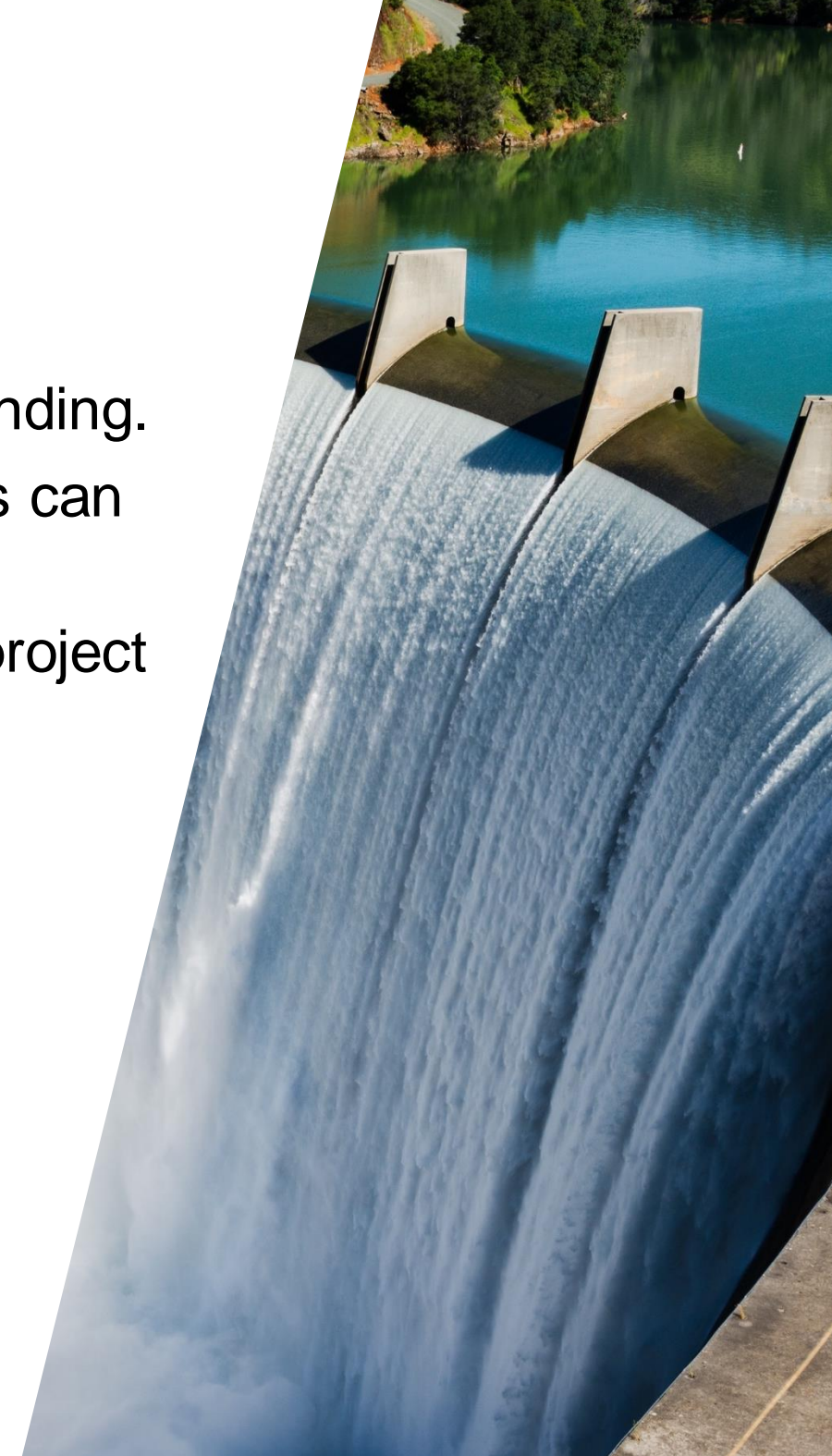
The entire Infrastructure Investment and Jobs Act (IIJA), also known as the Bipartisan Infrastructure Law (BIL), Public Law 117-58, is available at:

www.congress.gov/117/plaws/publ58/PLAW-117publ58.htm.



Grant Program Highlights

- ▶ Eligible applicant should apply by the deadline to “secure” funding.
- ▶ Applications do not need to identify specific projects. Projects can be specified after funding is awarded.
- ▶ Funds can be combined for multiple years before a specific project and cost match are identified.
- ▶ Sample application templates and resources available.
- ▶ DOE will work with applicants post-submission if revisions to documents need to be made.
- ▶ Subgrant and cost match requirements.



Resilience Projects For This Grant

Utility pole management (replacing poles, improving inspection and maintenance practices)

Undergrounding of electrical equipment and cables

Reconductoring of power lines with heavier/covered conductor (wire)

Relocate power lines to less vulnerable/easier to access locations

Improve vegetation management (wider rights of way, increased trimming, advanced tools to predict problem areas)

Weatherization technologies and equipment (insulation, protective coatings, wind barriers, fire-resistant material, flood protection, etc.)

Fuel-load management (larger fuel storage units)

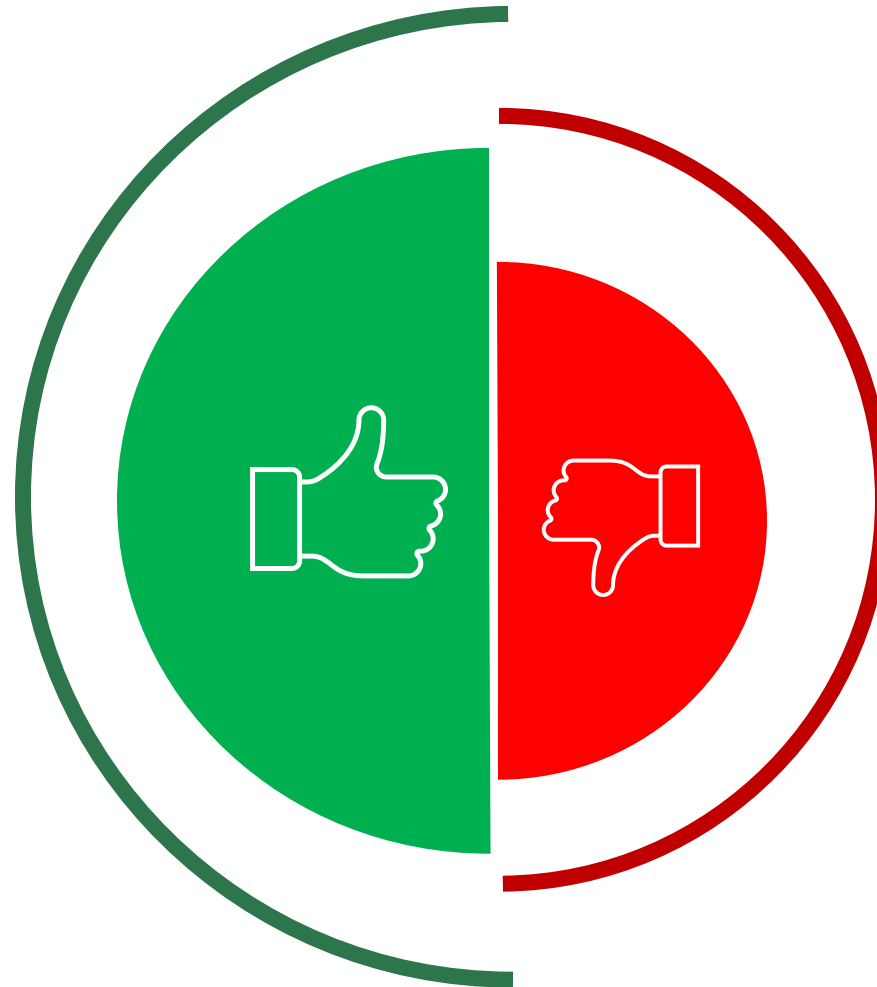
Monitoring and control technologies (fault sensors, weather sensors, smart meters, software for increased system visibility)

Technologies to enable the use of distributed energy resources (DERs)

Adaptive protection technologies (devices that prevent short-circuiting and reroute power to avoid an outage)

Advanced modeling technologies (tools that improve outage prediction)

Small-scale batteries



No new generation (including distributed generation)

No construction of large-scale battery storage facilities not being used to supply electricity where needed during disruptive events

No cybersecurity measures

Grid Resilience Projects Must Be Executed By 'Eligible Entities' Subject To Cost Match Requirements

Eligible Entities

- ▶ Electric grid operators
- ▶ Electricity storage operators
- ▶ Electricity generators
- ▶ Transmission owners or operators
- ▶ Distribution providers
- ▶ Fuel suppliers



Other entities may be separately approved as eligible entities.



How Are Funds Allocated?

Funding factors:



Land area



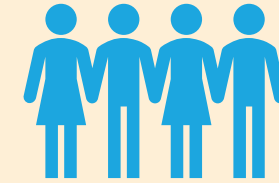
Probability of
disruptive events



Severity of
disruptive
events



Expenditure on
mitigation efforts



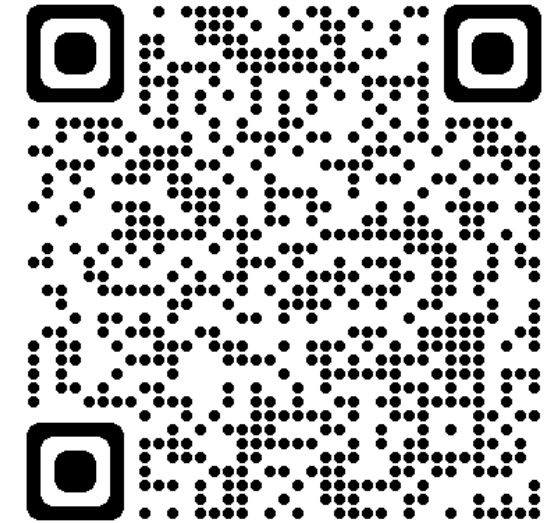
Population

Allocations may change year-to-year because:

- ▶ BIL Section 40101(d) language requires that all data relating to the factors used in the allocation formula be updated annually.
- ▶ GDO may make improvements to the data sources and methodologies used to calculate each factor.
- ▶ Previous years' unclaimed funds are added to the pool of available funds for the next year.

Allocations Available For FY 24

- ▶ **\$562 million** available for FY24
- ▶ Allocation Ranges:
 - ▶ States: \$2 million - \$39 million
 - ▶ U.S. Territories: \$675,000 - \$3.6 million
 - ▶ Indian Tribes: \$84,000 to \$5 million

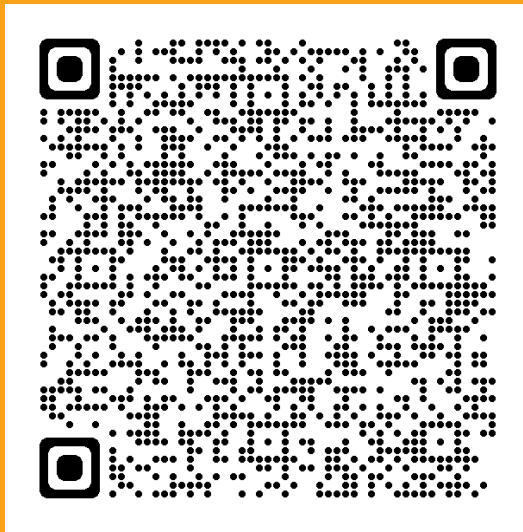


Use the QR code or URL to find your allocation:

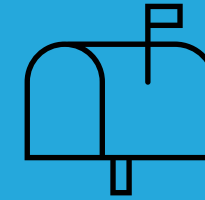
[FY24 Allocations Table.pdf](#)
[\(doe.gov\)](#)



Applications Can Be Submitted Through FedConnect Or By Mail



[FedConnect: Opportunity Summary](#)



FOA GD00002736
Energy Delivery & Security Directorate
National Energy Technology Laboratory
Building 39-214A, MS: P02A
3610 Collins Ferry Road
Morgantown, WV 26505

Applications must be postmarked by **June 17, 2024**, to be eligible for FY 24 funding.



Two Key Application Components

Program Narrative

- ▶ At a minimum, it should address which categories of eligible entities the State or Indian tribe anticipates will carry out the grid resilience projects, and the process for selecting those eligible entities.
- ▶ Should address multiple years of funding allocations to make it easier to apply for future funding cycles.



Public
Notice



Public
Hearing

Designation Letter

- ▶ Identifies the sole entity within the State or Indian tribe to apply for, receive, and administer the award.
- ▶ Tribal Consortia
 - ▶ **Each participating Indian tribe** – must submit a letter designating the lead Indian tribe to act on its behalf as lead Indian tribe of the Tribal Consortium and receive their allocations.
 - ▶ **Lead Indian tribe** – must submit a letter accepting the designation as the lead Indian tribe. The letter should state that the lead Indian tribe will apply for grant funding and administer the grant on behalf of all Indian tribes belonging to the Consortium.

Sample templates are available for the Program Narrative and Designation Letter. Additional application components are required and available on the website.



Program Narratives Should Include the Following Components:

Objectives and Metrics

3-5 objectives and metrics that are driving resilience investments in your application

Criteria

The criteria you will use for selecting and determining awards to eligible entities

Methods

A description of the process you will use to solicit, award and distribute the funds (and track the proposed metrics)

Funding Distribution

A description of the proposed funding distributions and categories of subgrant recipients

Benefits to all Tribes (only for consortium applications)

Statement on how the resilience projects will benefit all participating Tribes.

Equity Approach

A description of how the Tribe will ensure their proposal will incorporate: (a) quality jobs, prioritize the greatest community benefits, and (c) share or maximize project benefits across disadvantaged communities.

Technical Assistance & Administration

An explanation for how you plan to use the 5% of funds for TA and project administration

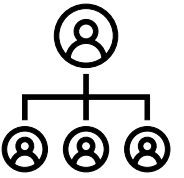
Public Notice & Hearing

A description of public notice and hearing activities. Must be completed prior to application submission.

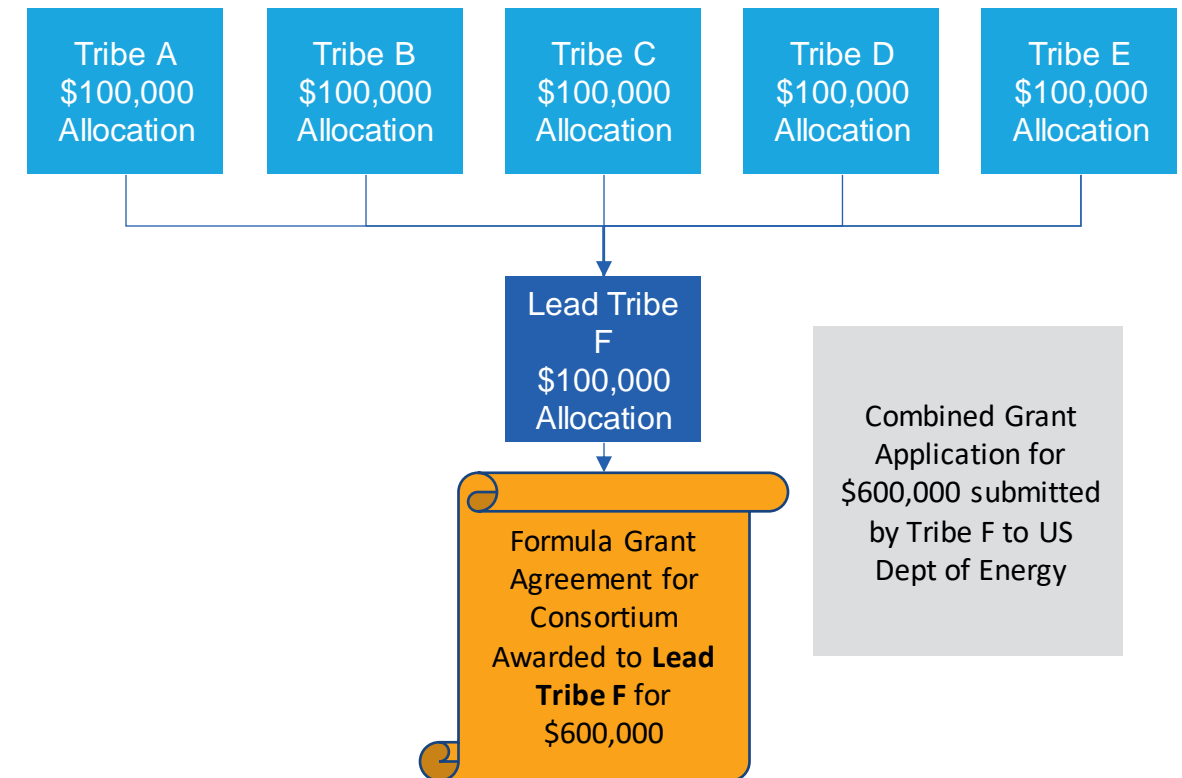
At a minimum, the lead Tribe or third-party agent must host one public notice and hearing encompassing all Tribes in the consortium.



Tribal Consortium Applications Are Allowed



- ▶ A group of Indian tribes, including Alaska Native Corporations, may submit one single application.
- ▶ Application should be submitted by a lead Indian Tribe of the Tribal Consortium.
- ▶ Designated lead Indian tribe would handle application and administration of the award.
- ▶ The lead Indian tribe is responsible for fulfilling grant requirements including cost match and reporting.
- ▶ Cost match commitment from participating tribes should be submitted with application.



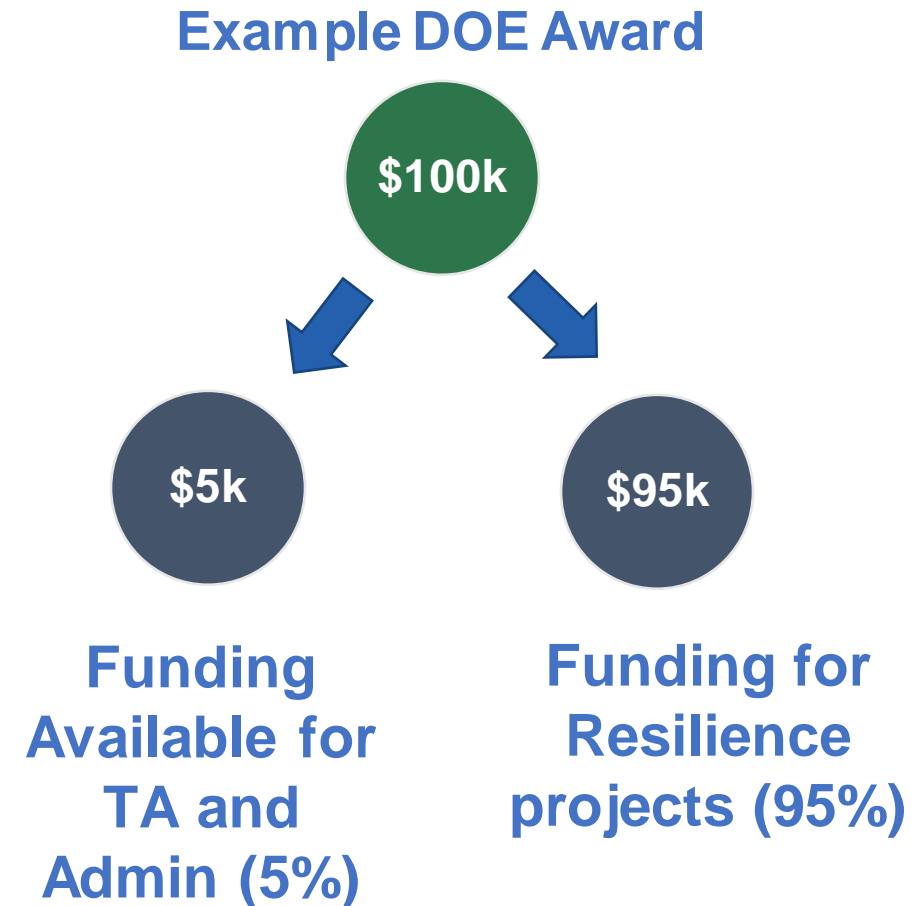
US Department of Energy issues a single \$600,000 Grant Agreement to Tribe F, who will administer the grant, and make payments to vendors & receive reimbursements directly from DOE, on behalf of the Tribal Consortium

Tribes that have already applied but would like to form a Tribal Consortium should contact GDOTribalAssistance@hq.doe.gov



Up To 5% of Federal Funding Can Be Used For Technical Assistance and Program Administration

- ▶ These activities could include:
 - Providing technical assistance
 - Facilitating the distribution of information to reduce the likelihood and consequences of disruptive events
 - Administrative expenses associated with the program.
- ▶ This 5% could be used by a third-party to provide administrative and technical support



Cost Match Requirements

- ▶ Grant recipients are required to provide a **15% cost match on the federal funds**.
- ▶ All grid resilience projects have an **additional cost match on the project** regardless of whether the grant recipient implements their own project.
- ▶ If a grant recipient is deemed an eligible entity and implementing the grid resilience project, they will be required to **provide both the 15% cost match** and the **associated cost match** for the eligible entity.

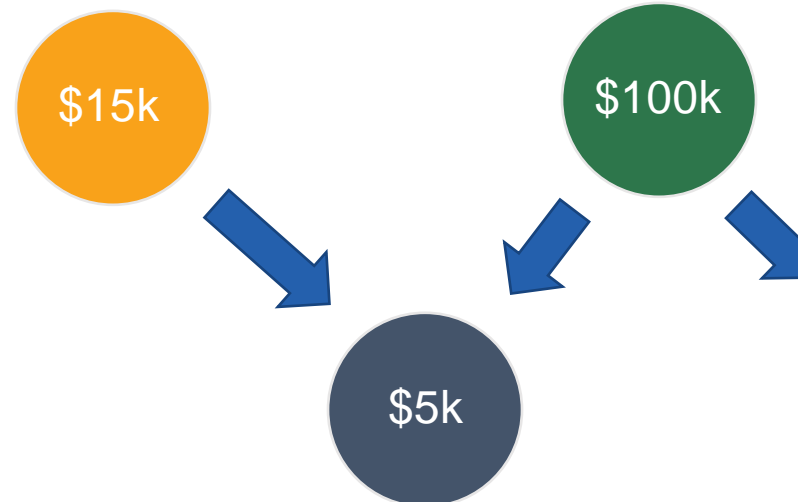
Grant Recipient Cost Match	+	Project Cost Match Provided by entity implementing project
15%	+	100% Not a Small Utility (Grant Recipient or other entity)
15%	+	1/3 Small Utility (Grant Recipient or other entity)

Grant Recipients Must Provide A 15% Cost Match

- ▶ Cost match can be **cash or in-kind contributions**, such as staff time.
- ▶ Cost match for grant recipients can be provided by other entities such as the eligible entity completing the project.
- ▶ With very limited exceptions, federal funding cannot be used as cost match for these federal grants.
- ▶ Some or all of the 15% cost match can also be used for technical assistance and program administration

Tribe Cost
Match
(15%)

Example DOE Award



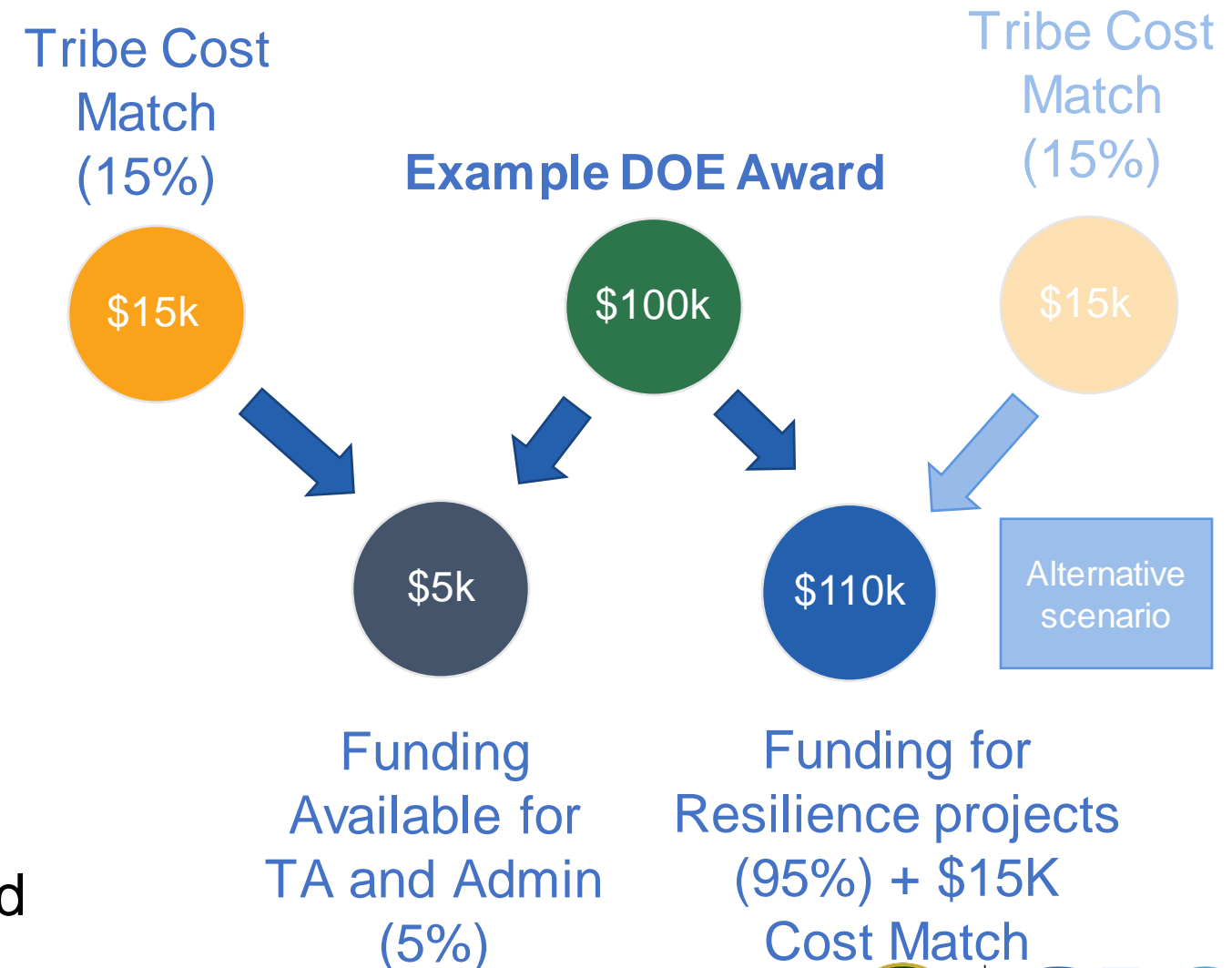
Funding
Available for
TA and Admin
(5%)

Funding for
Resilience projects
(95%) + \$15K
Cost Match



Grant Recipients Must Provide A 15% Cost Match

- ▶ Cost match can be **cash or in-kind contributions**, such as staff time.
- ▶ Cost match for grant recipients can be provided by other entities such as the eligible entity completing the project.
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- ▶ Some or all of the 15% cost match can also be used for technical assistance and program administration



Eligible Entities Must Also Provide A Cost Match

- ▶ Any eligible entity that completes the grid resilience project under this program must match 100% of the amount of the Federal funds
- ▶ However, if the eligible entity sells $\leq 4,000,000$ MWh of electricity per year, the required match will be 1/3 of the Federal funds used for the resilience project

Eligible Entity:



Small Utility as Eligible Entity:



Sources of Cost Match

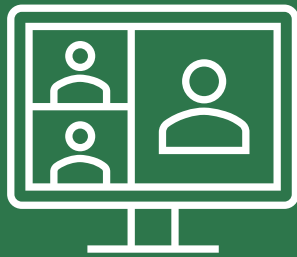
What are some sources of funding that can be used for the cost match under Section 40101(d)?

- ▶ Indian tribes may use Self-Determination Act funding for cost match under Section 40101(d) of the Infrastructure Investment and Jobs Act (IIJA) as long as the contract for funding under the Self-Determination Act contemplates use of funds for activities that will be undertaken pursuant to Section 40101(d) of the IIJA.
- ▶ [Local Assistance and Tribal Consistency Fund \(LATCF\)](#)
- ▶ [Coronavirus State and Local Fiscal Recovery Funds | U.S. Department of the Treasury](#)
- ▶ [Denali Commission Funding](#)
- ▶ [NAHASDA | HUD.gov / U.S. Department of Housing and Urban Development \(HUD\)](#)



Additional Application Resources

Grant Application Assistance Videos



Videos are located on the Grid Deployment Office webpage under Application Resources > [Application Guidance Videos](#)

One-on-One Meetings



The GDO team is available for one-on-one calls with grant applicants to discuss the grant. Please contact:

GDOTribalAssistance@hq.doe.gov



Can provide information on cost match and other relevant funding opportunities



Can assist with reaching out to eligible entities



Post-Award Resources



Technical And Other Assistance

[Request Grid Resilience Assistance](#)



Support Documents

[Microgrid Overview](#)

[Low-cost Grid Resilience Projects](#)

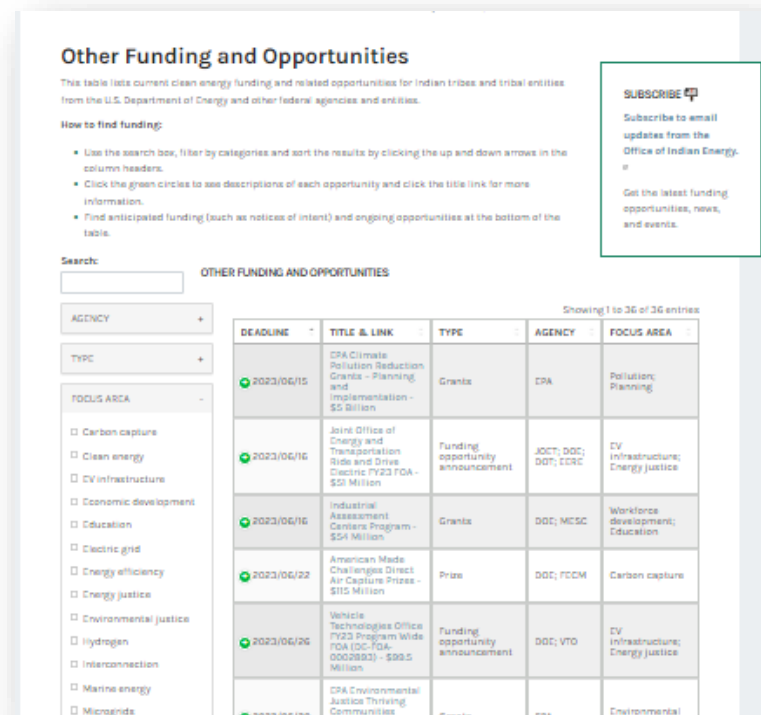
Where to Find other Energy Funding Opportunities

White House BIL Tribal
Playbook



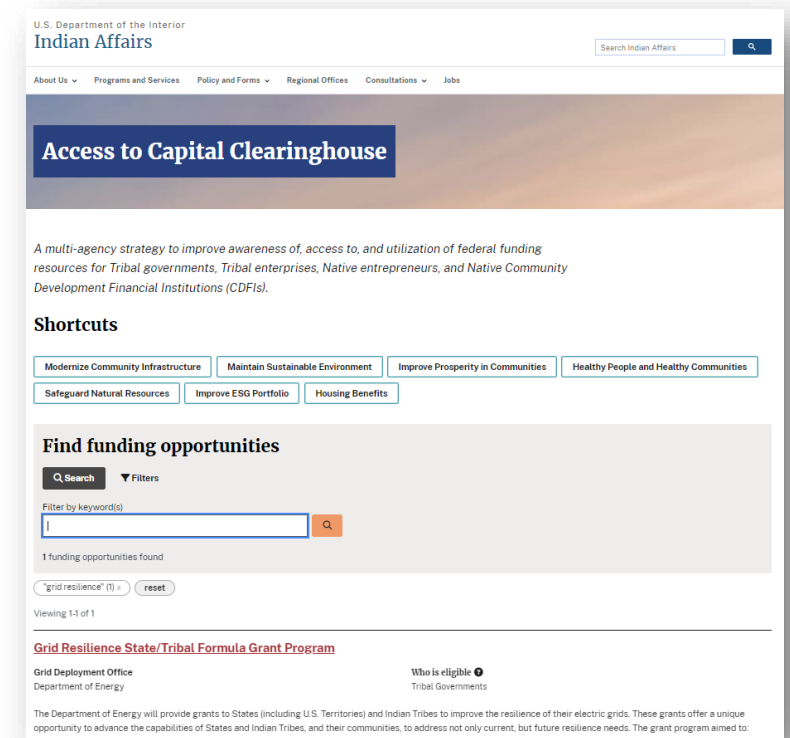
<https://www.whitehouse.gov/build/resources/bipartisan-infrastructure-law-tribal-playbook/>

Office of Indian Energy
Current Opportunities Page



<https://www.energy.gov/indianenergy/current-funding-opportunities>

Access to Capital
Clearinghouse



<https://www.bia.gov/atc>





Q&A



Thank you!



www.energy.gov/gdo/gridresilience



GDOTribalAssistance@hq.doe.gov

Modification of an Existing Generation Facility may be an Eligible Project

- ▶ The scope of the project would need to reduce the likelihood and consequences of disruptive events and meet one of the eligible uses of grant funds.
- ▶ Any work performed on an existing generating system cannot increase the maximum rated output of the original nameplate capacity.

Examples of projects that are not allowable:

- ▶ Expansion of existing generation system such as expanding a solar generation facility.
- ▶ Replacing a diesel generation with clean generation system, such as a solar farm.

Examples of allowable projects:

- ▶ Replacing old generation components with new components of the same type in order to ensure weatherization/resilience, such as wind turbine blade replacement or damaged solar cells within an existing solar farm.
- ▶ Overhauling a diesel engine including replacement of components and parts that are reducing the performance of the existing system.
- ▶ Building inventories of parts and components needed for providing grid resilience benefits.
- ▶ Training and contracts for critical maintenance needs.
- ▶ Refurbishment of existing transformers.
- ▶ New fuel tanks, either to replace old or faulty tanks or to increase fuel storage capacity would be an allowable project under this program if it provides resilience benefits for the grid.



Public Hearings

What requirements must Tribes meet to satisfy the public hearing requirement ahead of the June 17 deadline?

- ▶ The purpose of the public hearing is to foster comments from diverse stakeholders on the criteria and methods being considered by a Tribe for undertaking the Section 40101(d) formula grant program.
- ▶ Applicants may issue notice and conduct public hearings in a way that is most appropriate for their Tribe.



Accumulation of Multiple Annual Allocations

Can tribes receive and accumulate multiple annual allocations until they have enough resources to do a larger project?

- ▶ A Tribe may accumulate annual allocations until it has sufficient funds obligated to the grant agreement to successfully complete the project, provided:
 - The Program Narrative identifies a strategy that requires accumulating multiple year allocations to initiate and complete an identified project.
 - Work is performed within the Period of Performance of the grant agreement (initially, five years).



Study Eligibility

Can Tribes use 40101d funding for feasibility studies related to eligible grid resilience measures?

- ▶ Formula grant funding can be used for different types of studies. The scope and cost of the studies will be reviewed on a case-by-case basis.
- ▶ If the study being performed is more exploratory and studying different options, then only the technical assistance funds could be used (capped at 5% of the federal funding received).
- ▶ However, if the study is focused on a specific project to determine project viability, performance specifications, bill of materials, etc. then it could be considered part of project implementation (and not subject to the 5% TA cap).

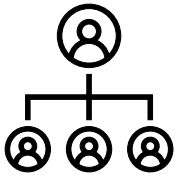


Collaborative Projects

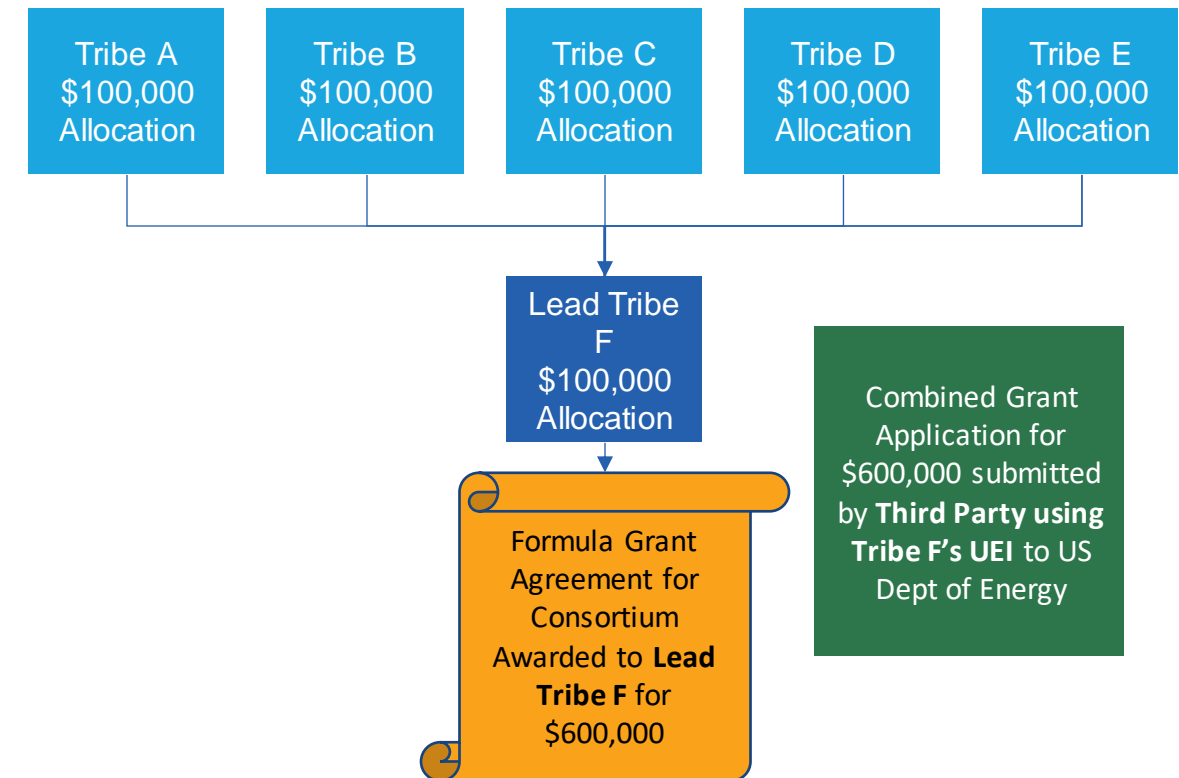
May two or more Tribes combine some or all of their grant funding to collaborate on a project that mutually benefits all participating Tribes?

- ▶ Yes. Multiple tribes can award funding to eligible entities that collaborate on a resilience project by combining allocations and the required cost match, provided:
 - Each Tribe finds that project provides the greatest community benefit in reducing the likelihood and consequences of disruptive events, and
 - The project aligns with the objectives of the Grid Resilience Formula Grant program
- ▶ Tribes collaborating on a project should track and report costs to DOE in a manner that verifies no double payments for work done on the full project effort

Third Parties Can Administer the Grant on behalf of a Grant Recipient



- ▶ A tribe may also authorize a third-party agent to handle the application and administration of the award (Including for Tribal Consortiums).
- ▶ A third-party can submit on behalf of a tribe using the tribe's Unique Entity Identifier (UEI).
- ▶ Funds can be deposited into the third-party agent's account on behalf of the eligible tribe or Tribal Consortium.
- ▶ The Indian tribe or lead Indian tribe of a Tribal Consortium will remain ultimately responsible for meeting the grant requirements.



US Department of Energy issues a single \$600,000 Grant Agreement to Tribe F and the Third Party will administer the grant, and make payments to vendors & receive reimbursements directly from DOE, on behalf of the Tribal Consortium

Additional Application Components

Standard Application Components

- ▶ SF-424 (Application for Federal Assistance)
- ▶ Environmental Questionnaire
- ▶ SF-LLL (Disclosure of Lobbying Activities)

Other Forms

- ▶ Pre-Award Information Sheet
- ▶ Cost Match Information
- ▶ Cost Match Commitment Letters, *if applicable*
- ▶ Authorization from cognizant Contracting Officer for DOE/NNSA FFRDC/NL or non-DOE FFRDC/NL, *if applicable*

