



Grid Resilience State and Tribal Formula Grants For New Grant Applicants: Fiscal Year 24

US Department of Energy
February 1, 2024

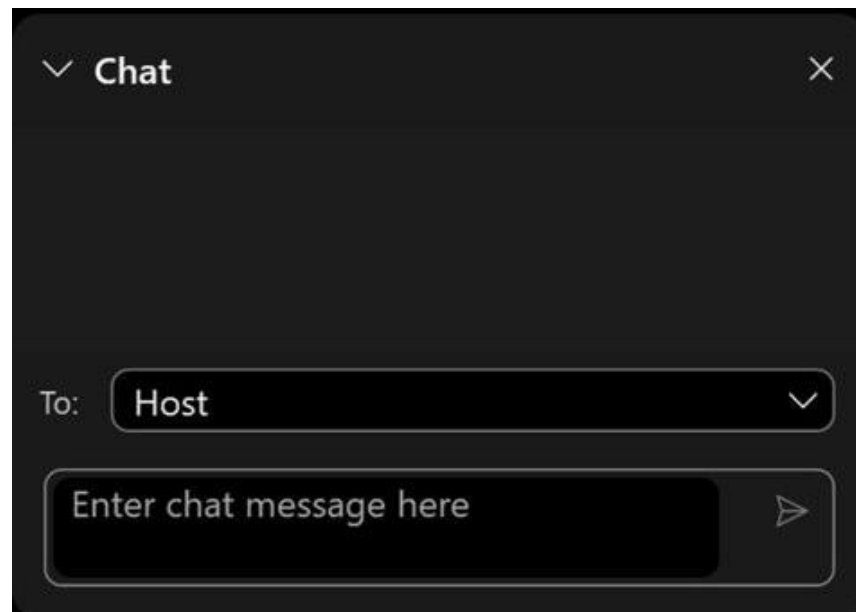


Housekeeping

Questions?

Please submit all presentation questions through the chat box.

If you have technical questions – please put them in the chat box for the host.



A screenshot of a chat window titled "Chat" with a close button (X) in the top right corner. Below the title bar, there is a "To:" field with a dropdown menu currently showing "Host". Below that is a text input field with the placeholder text "Enter chat message here" and a send button (arrow) on the right.



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

Frequently Asked Questions

Q&A



Opening Remarks From Our Leadership



Maria Robinson
Director,
Grid Deployment Office



Grid Resilience Tribal Formula Grant Program

Dave Parsons

Program Manager,
State and Tribal Assistance Programs
Grid Modernization Division

Homari Aoki

Project Manager,
State and Tribal Assistance Programs
Grid Modernization Division





Grid Resilience State and Tribal Formula Grants

Grid Resilience Funding Available Through BIL

Noncompetitive

Grid Resilience State and Tribal Formula Grants

For projects reducing the likelihood and consequences of electrical outages due to disruptive events (Sec. 40101(d))

Available funding: \$2.3 billion

- Applications Due:
April 17, 2024

GDOTribalAssistance@hq.doe.gov
Technical assistance is [available](#)

Competitive - Grid Resilience and Innovation Partnerships (GRIP)

Grid Resilience Industry Grants

Preventing Outages and Enhancing the Resilience of the Electric Grid / Hazard Hardening (Sec. 40101(c))

Available funding: \$2.5 billion

- Concept Papers Submitted:
January 12, 2024
- Full Applications Due:
April 17, 2024

Smart Grid Grants

Deployment of Technologies to Enhance Grid Flexibility (Sec. 40107)

Available funding: \$3 billion

- Concept Papers Submitted:
January 12, 2024
- Full Applications Due:
May 22, 2024

Grid Innovation Program

Program Upgrading Our Electric Grid and Ensuring Reliability and Resiliency (Sec. 40103(b))

Available funding: \$5 billion

- Concept Papers
Due: January 12, 2024
- Full Applications Due:
April 17, 2024

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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

- ▶ Non-competitive grant for projects reducing the likelihood and consequences of electrical outages due to extreme weather, wildfire or a natural disaster.
- ▶ Application deadline for FY 2024 funding is **April 17, 2024**, at 11:59 pm ET
 - 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.
 - 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.

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FY22 -23 Application Cycle Update

- ▶ Number of entities awarded to date: 174
- ▶ Amount of funding awarded to date: \$782 million
- ▶ FY22/23 grants are still being awarded on a rolling basis

- ▶ Additional updates:
 - Increased the lowest allocations from \$25 K to \$ 80 K
 - Highest allocations were increased from \$33 million to \$39 million



How Are Funds Allocated?

Funding factors:



Land area



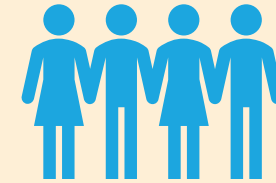
Probability of
disruptive events



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.

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)

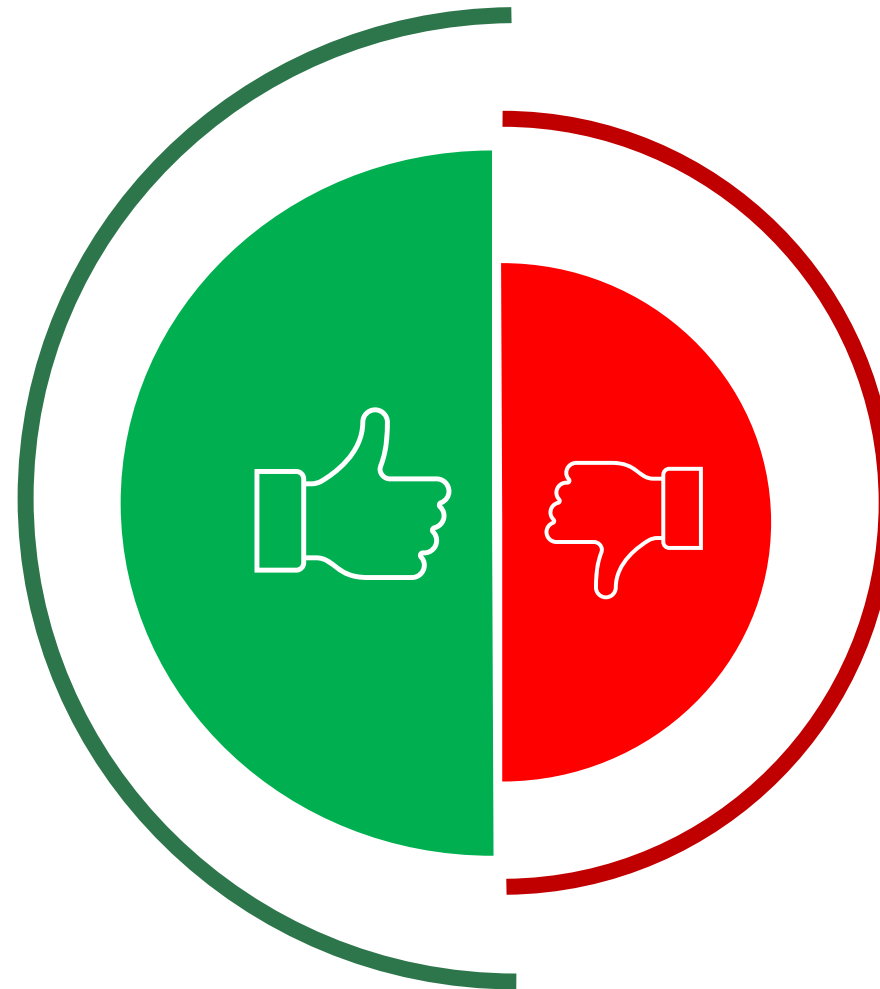
Monitoring and control technologies (fault sensors, weather sensors, smart meters, software for increased system visibility)

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

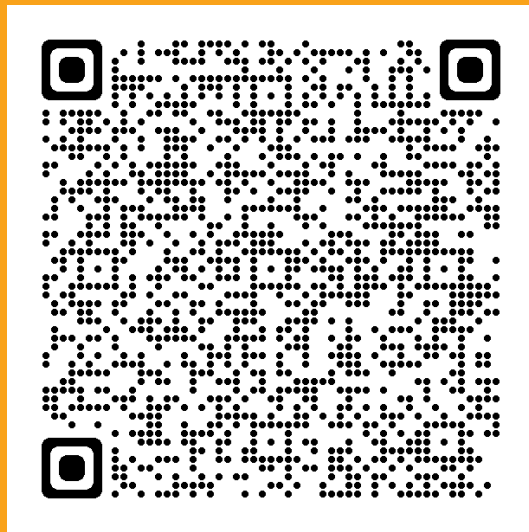
- ▶ Electric grid operators
- ▶ Electricity storage operators
- ▶ Electricity generators
- ▶ Transmission owners or operators
- ▶ Distribution providers
- ▶ Fuel suppliers



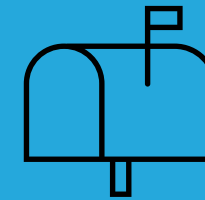
Other entities may be separately approved as eligible entities.



Applications Can Be Submitted Through FedConnect Or By Mail



[FedConnect: Opportunity Summary](#)



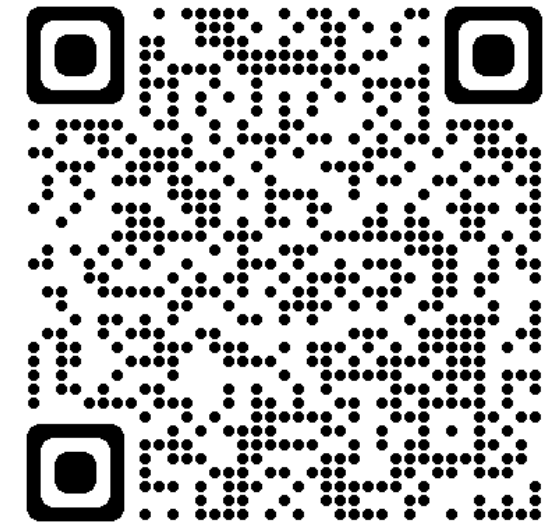
FOA GD00002736
Energy Delivery & Security Directorate
National Energy Technology Laboratory
Building 39-214A, MS: P02A
3610 Collins Ferry Road
Morgantown, WV 26505

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



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

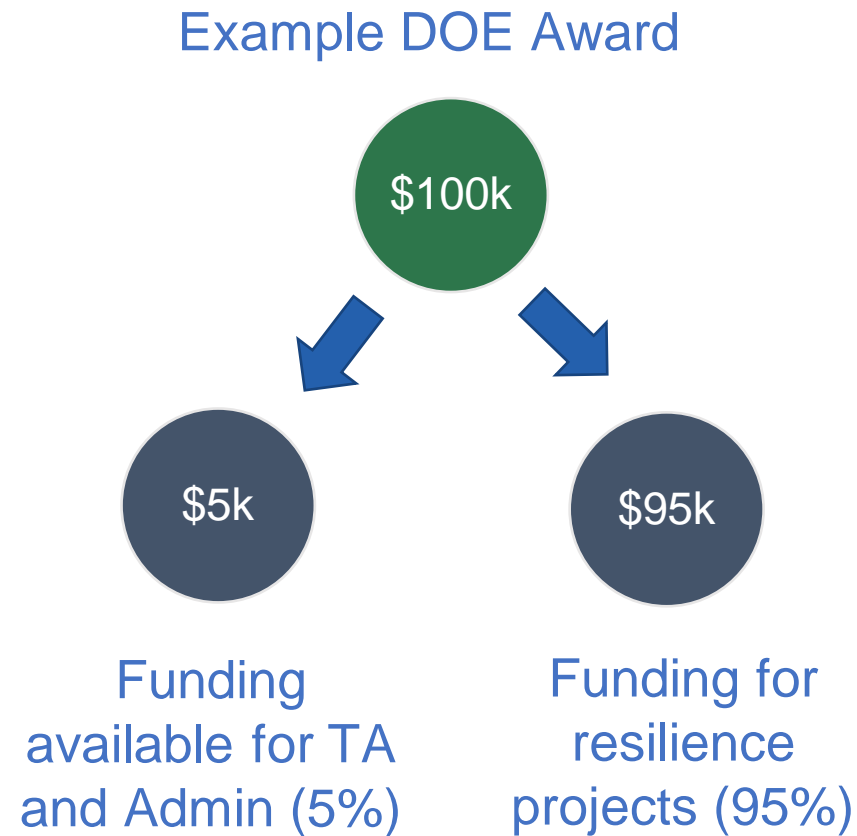


Use the QR code or URL to find your allocation:
[FY24 Allocations Table.pdf](#)
([doe.gov](#))



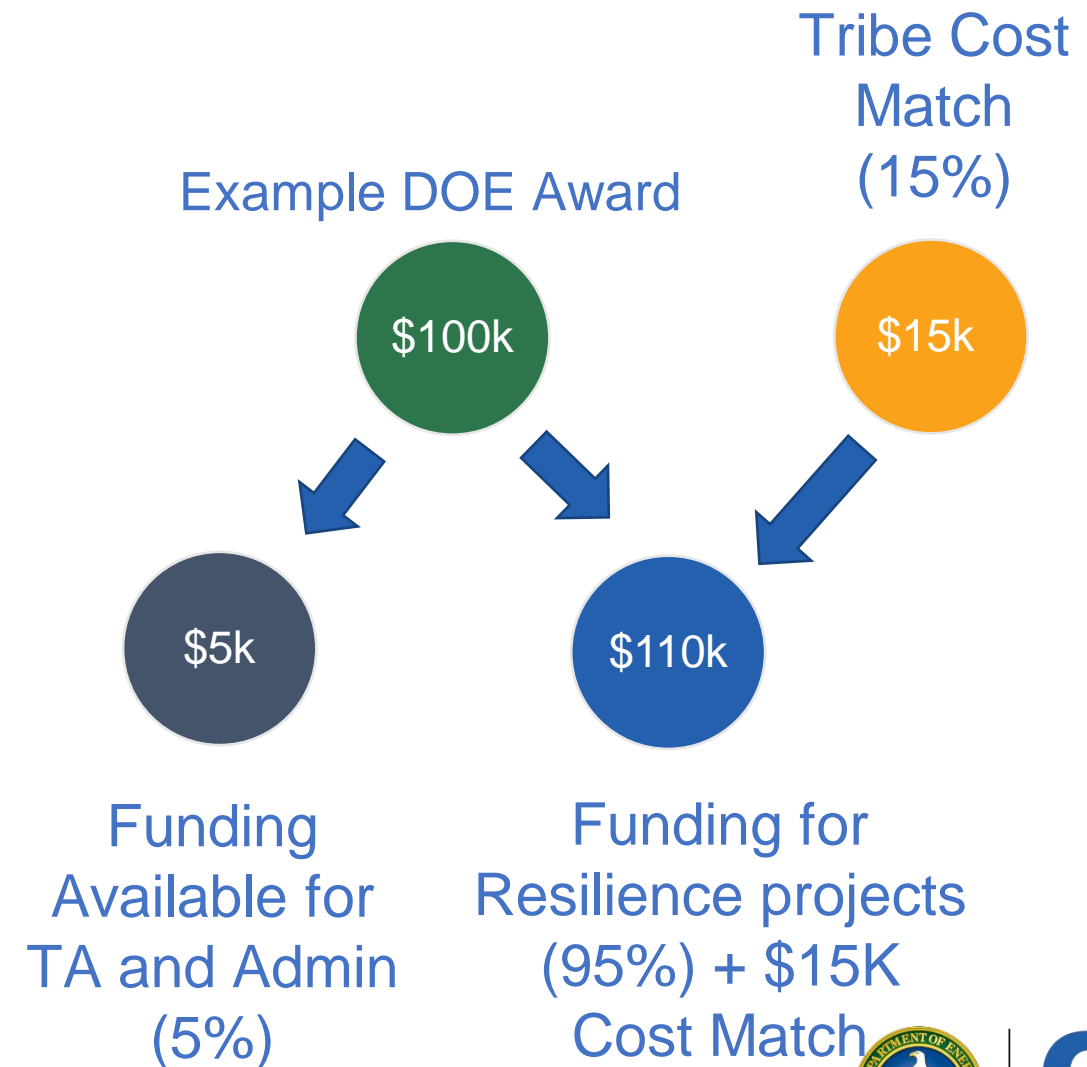
Up to 5% of Federal Funding can be Used for Technical Assistance and Program Administration

- ▶ 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



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.



Grant Recipients must Provide a 15% Cost Match

- ▶ Some or all of the 15% cost match can also be used for technical assistance and program administration

Tribe Cost Match (15%)

\$15k

Example DOE Award

\$100k

Alternative scenario

\$20k

Funding Available for TA and Admin (5%) + \$15K cost match

\$95k

Funding for Resilience Projects (95%)



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:



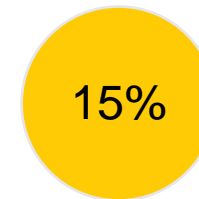
Small Utility as Eligible Entity:



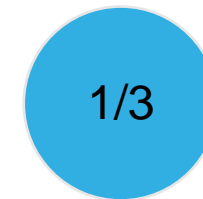
Cost Match Requirements

- ▶ 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.

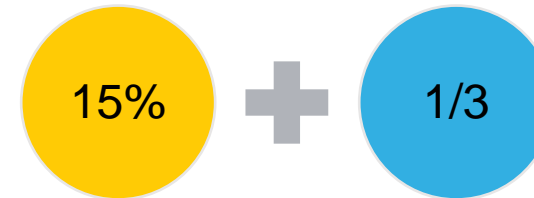
Grant recipients that works with eligible entity



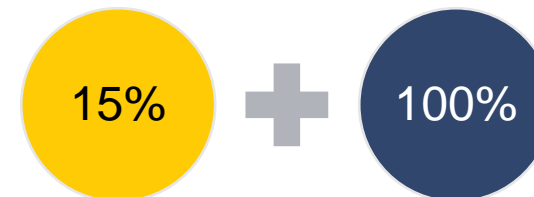
Eligible entity that implements the project



Grant recipient implements project themselves and is small utility



Grant recipient implements project themselves and is NOT small utility



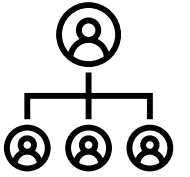
Sources of Cost Match

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

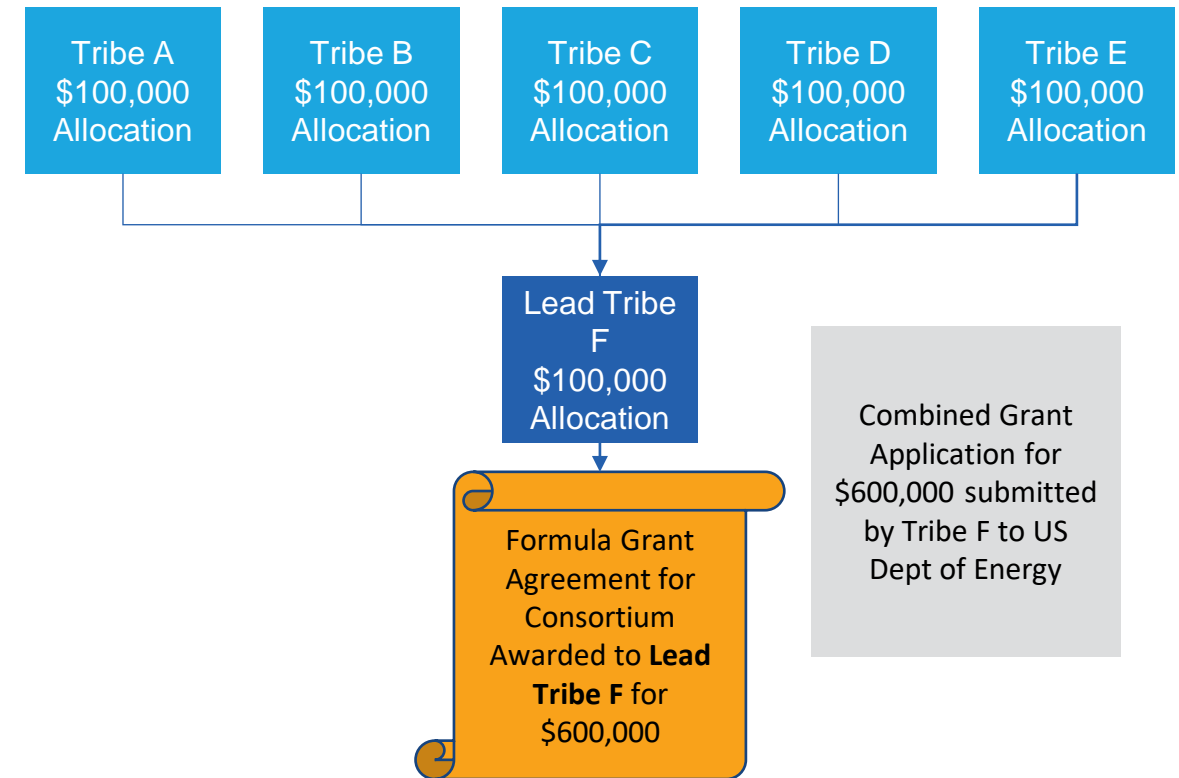
- ▶ Indian tribes may use Self-Determination Act funding for cost match under Section 40101(d) of the Infrastructure Investment and Jobs Act (IIJA) as long as the contract for funding under the Self-Determination Act contemplates use of funds for activities that will be undertaken pursuant to Section 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 \(HUD\)](#)



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.

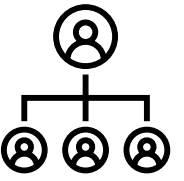


US Department of Energy issues a single \$600,000 Grant Agreement to Tribe F, who will administer the grant, and make payments to vendors & receive reimbursements directly from DOE (ASAP), on behalf of the Tribal Consortium

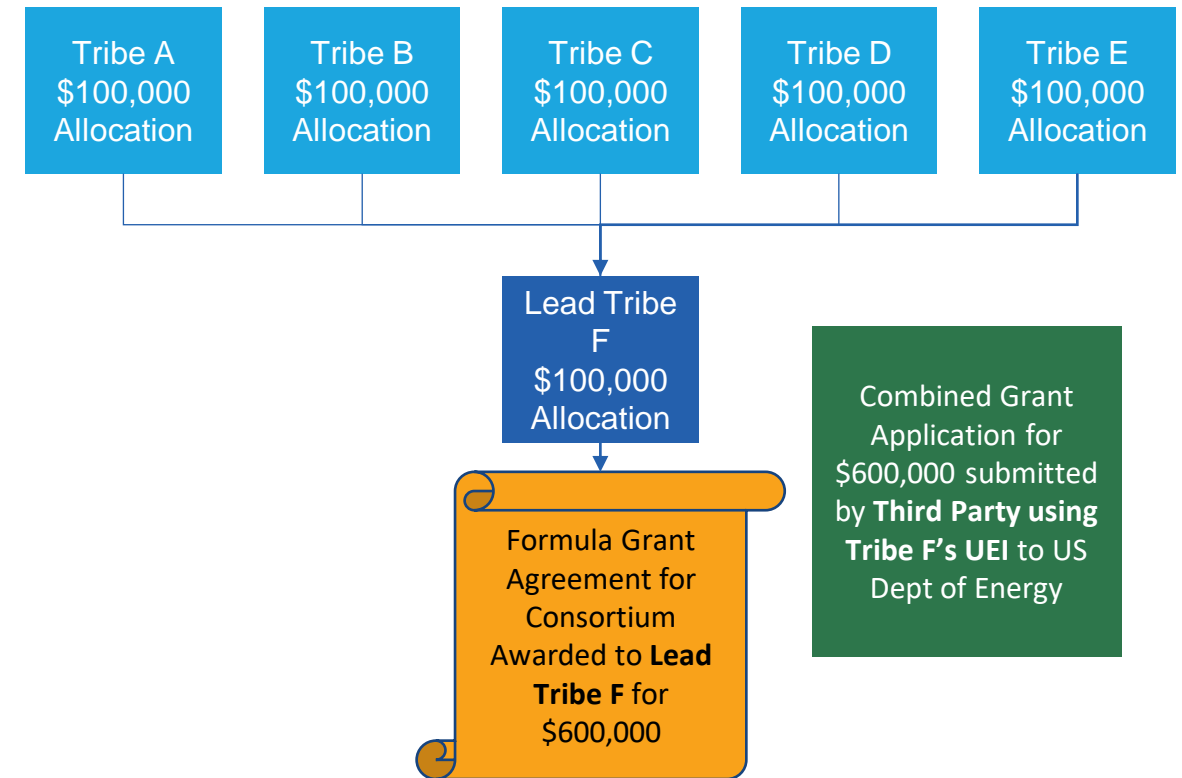
Tribes that have already applied but would like to form a Tribal Consortium should contact
GDOTribalAssistance@hq.doe.gov



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 (ASAP), on behalf of the Tribal Consortium



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.

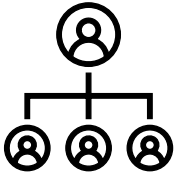
Designation Letter

- ▶ Identifies the sole entity within the State or Indian tribe to apply for, receive, and administer the award.

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



Tribal Consortium Applications: Two Key Application Components



Program Narrative

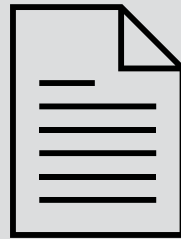
- ▶ Address how resilience objectives will benefit all participating Consortium Tribes and how Consortium Tribes will participate in decisions regarding use of grant funds.

Designation Letter

- ▶ **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 for the Consortium. 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.
- ▶ Additional guidance on Tribal Consortiums are listed in the Frequently Asked Questions.



Key Actions to Complete prior to Application Deadline



Public Notice



Public Hearing



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.



Additional Application Components

Standard Application Components

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

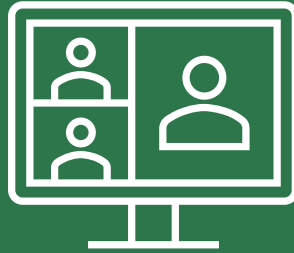
Other Forms

- ▶ 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*



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



Office Hours

GDO will be available during the following dates/times to answer questions regarding the grant application:

- ▶ 2nd Tuesdays of every month
- ▶ 3:00 pm – 4:00 pm ET

- ▶ Registration for office hours can be done here:
 - 2/13: [Register here](#)
 - 3/12: [Register here](#)
 - 4/09: [Register here](#)



Post-Award Resources



Technical And Other Assistance

[Request Grid Resilience Assistance](#)



Support Documents

[Microgrid Overview](#)
[Low-cost Grid Resilience Projects](#)



Workshops

Where to Find other Energy Funding Opportunities

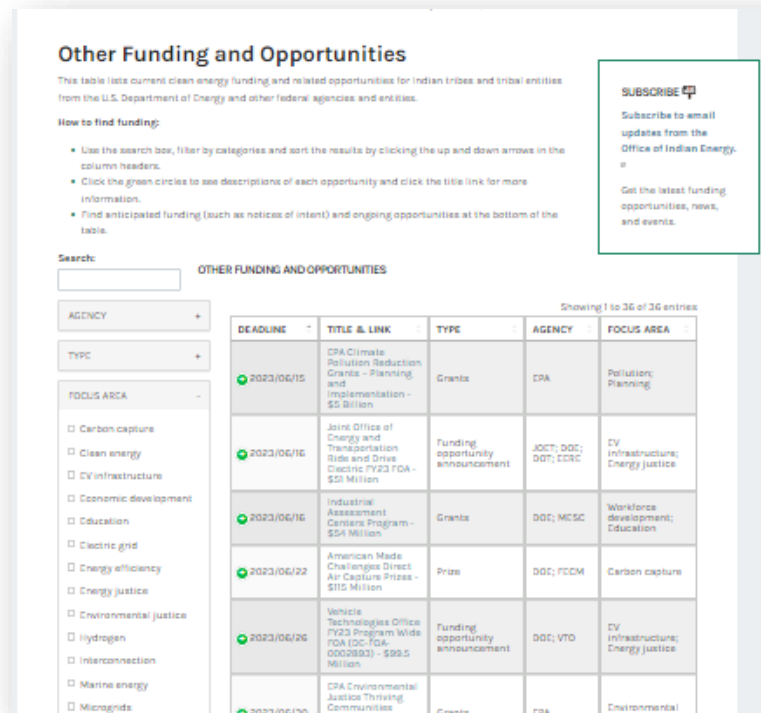
White House BIL Tribal
Playbook

Office of Indian Energy
Current Opportunities Page

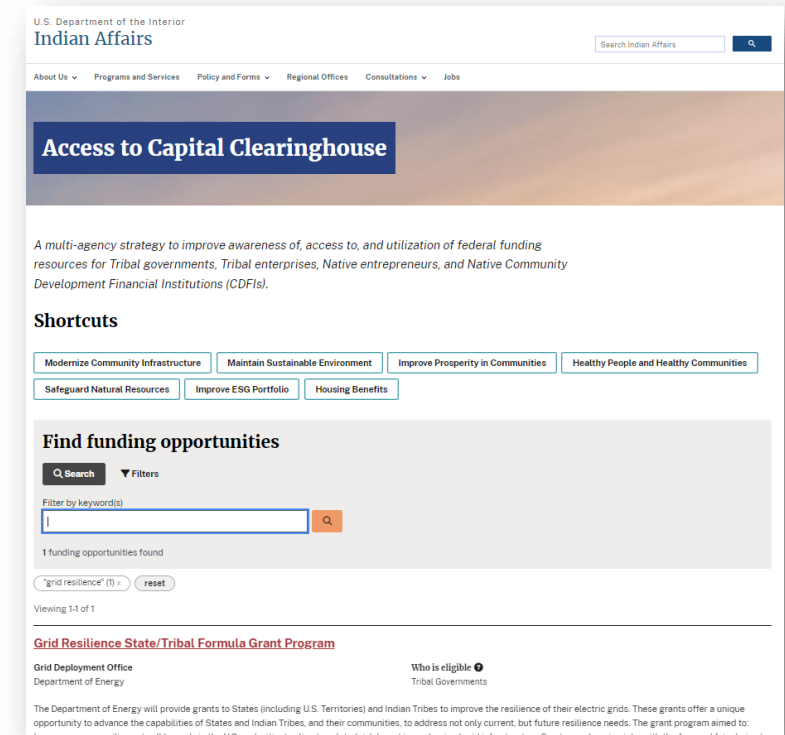
Access to Capital
Clearinghouse



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



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



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





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Tribal Entities: Apply to Host a Clean Energy Innovator Fellow!



Increasing access to Tribal clean energy career opportunities and accelerating the national transition to resilient and affordable clean energy.

Applications for host institutions are open Feb. 1 – Mar. 5, 2024

State Energy Offices and Intertribal organizations may apply for a fellow



Apply and learn more:
energy.gov/eere/clean-energy-innovator-fellowship



GDO
GRID DEPLOYMENT OFFICE



Join DOE and BOEM's West Coast Offshore Wind Transmission Tribal Listening Session and Workshop at the Summit!

February 26
3:00 – 5:00 PM PT

Email us at OSWTransmission@hq.doe.gov

 February 27-28, 2024

 Pechanga Resort
Casino, Temecula, CA

To register and for more details, visit:
bit.ly/TCES2024





Thank you!



www.energy.gov/gdo/gridresilience



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