GRID DEPLOYMENT OFFICE

Grid Resilience Formula Grants for Tribes

US Department of Energy
May 11, 2023

GDO at a glance

Power Generation

Civil Nuclear Credit Program: $6 billion

Hydro Incentives: More than $700 million

Transmission

Transmission Facilitation Program: $2.5 billion

Transmission Facility Financing: $2 billion

Transmission Siting and Economic Development Grants $760 million

NTP and Needs Studies; OSW Convenings

Permitting

Grid Modernization

Grid Resilience State/Tribal Formula Grants: $2.3 billion

GRIP Program: $10.5 billion

Puerto Rico Recovery: $1 billion

Territory Recovery Assistance

Annual Appropriations - $65 million

GRID DEPLOYMENT OFFICE

Grant Highlights

- Non-competitive grant for projects reducing the likelihood and consequences of electrical outages due to extreme weather, wildfire and natural disasters
- Application deadline was extended to **August 31, 2023** for first 2 years of funding (five years total)
  - Apply by 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
- Subgrant and cost match requirements

GRID DEPLOYMENT OFFICE

Updates to Grid Resilience Formula Grant

ALRD5 and ALRD6

- Application deadline extended: August 31, 2023 (for FY22 and FY23 allocations)
- Mail-in option now available
- Increase in funding for 243 Tribes

Application support

- Grant application assistance slides
- Additional templates available
- GDO team is available to walk through the application and answer questions as needed

GRID DEPLOYMENT OFFICE

Allocations available to Indian Tribes

- $100 Million available for FY22
- $92 Million available for FY23

Tribal Allocations for FY22 + FY23

$50-$100K:	38 Tribal entities
$100-500K:	661 Tribal entities
$500K -$1M:	53 Tribal entities
$1M - $5M:	23 Tribal entities

Use the QR code or URL to find your tribe's allocations: https://netl.doe.gov/bilhub/grid-resilience/formula-grants

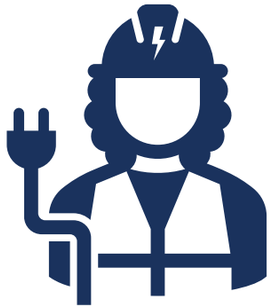
GRID DEPLOYMENT OFFICE

How are funds allocated?

Five funding factors:

Land area

Probability of disruptive events



Severity of disruptive events

Expenditure on mitigation efforts

Population

Resilience investments permitted under the Grid Resilience Formula Grant program

Potential Investments include:

- utility pole management,
- hardening of power lines, facilities, substations, of other systems,
- undergrounding of electrical equipment,
- replacement of old overhead conductors and underground cables,
- relocation of power lines or the reconductoring of power lines with low-sag, advanced conductors,
- vegetation and fuel-load management,
- weatherization technologies and equipment,
- fire-resistant technologies and fire prevention systems,
- monitoring and control technologies,
- use or construction of distributed energy resources for enhancing system adaptive capacity during disruptive events, including microgrids, and battery-storage subcomponents,
- adaptive protection technologies, and
- advanced modeling technologies

Ineligible Investments

- Construction of a new electric generating facility
- Large-scale battery storage facilities not being used to supply electricity where needed during disruptive events
- Cybersecurity measures

GDO GRID DEPLOYMENT OFFICE

Tribes must subgrant to ‘eligible entities’ to execute grid resilience projects

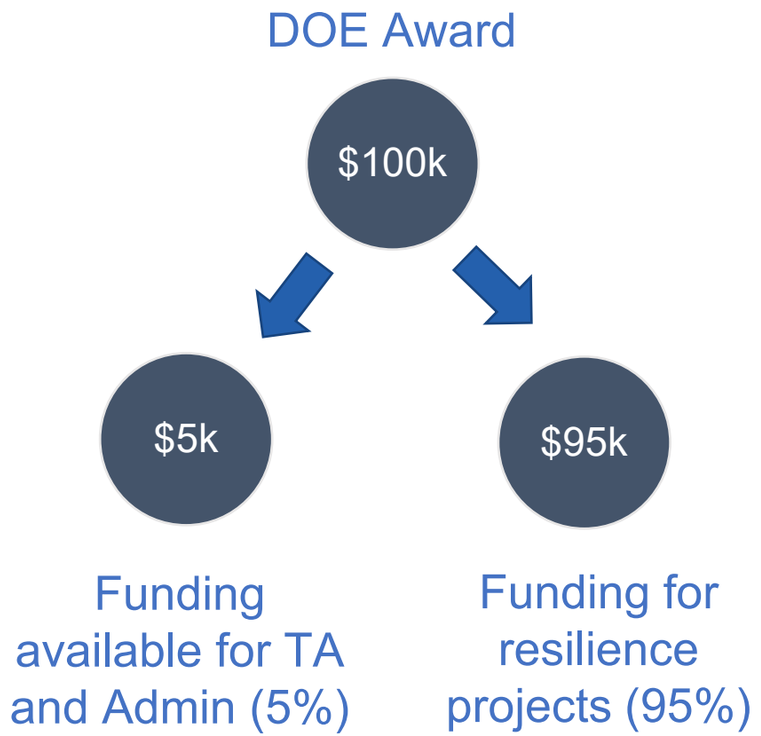
Eligible Entities

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

GRID DEPLOYMENT OFFICE

Up to 5% of federal funding can be used for technical assistance and program administration

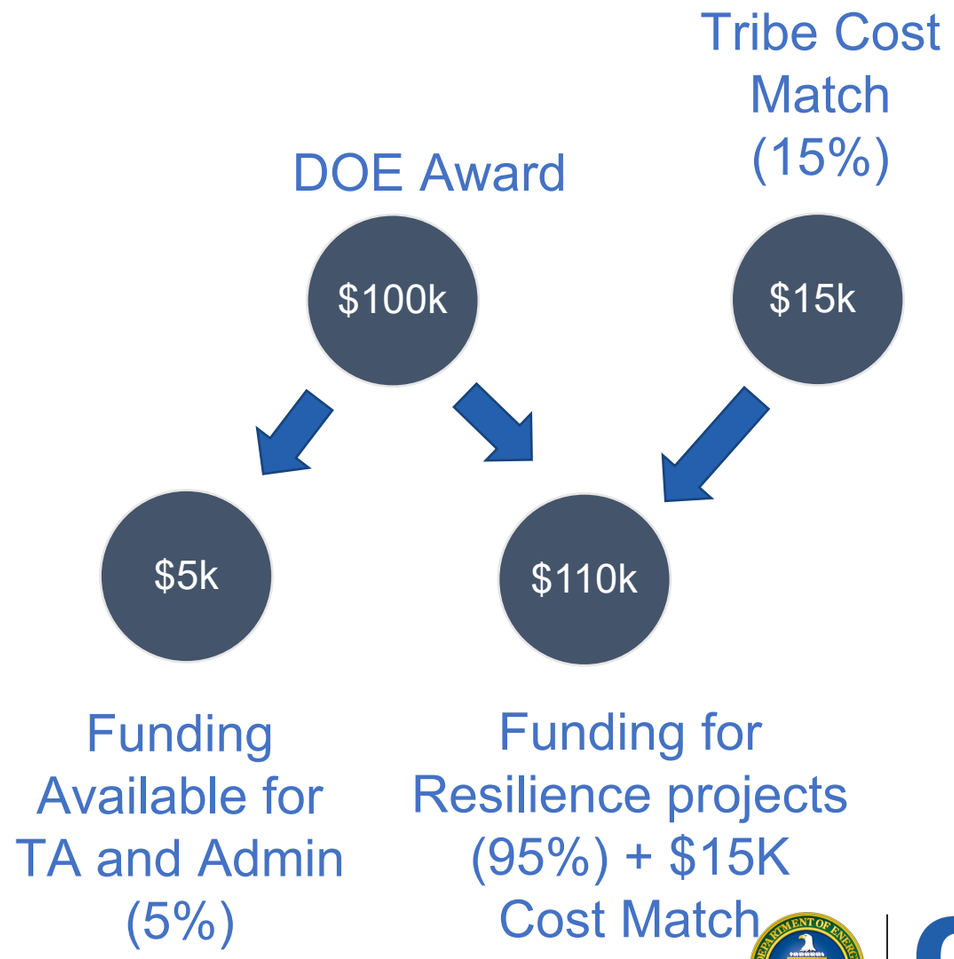
- These activities could include:
  - Providing technical assistance
  - Facilitating the distribution of information to reduce the likelihood and consequences of disruptive events
  - Administrative expenses associated with the program.
- This 5% could be given to a third-party to provide administrative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



GRID DEPLOYMENT OFFICE

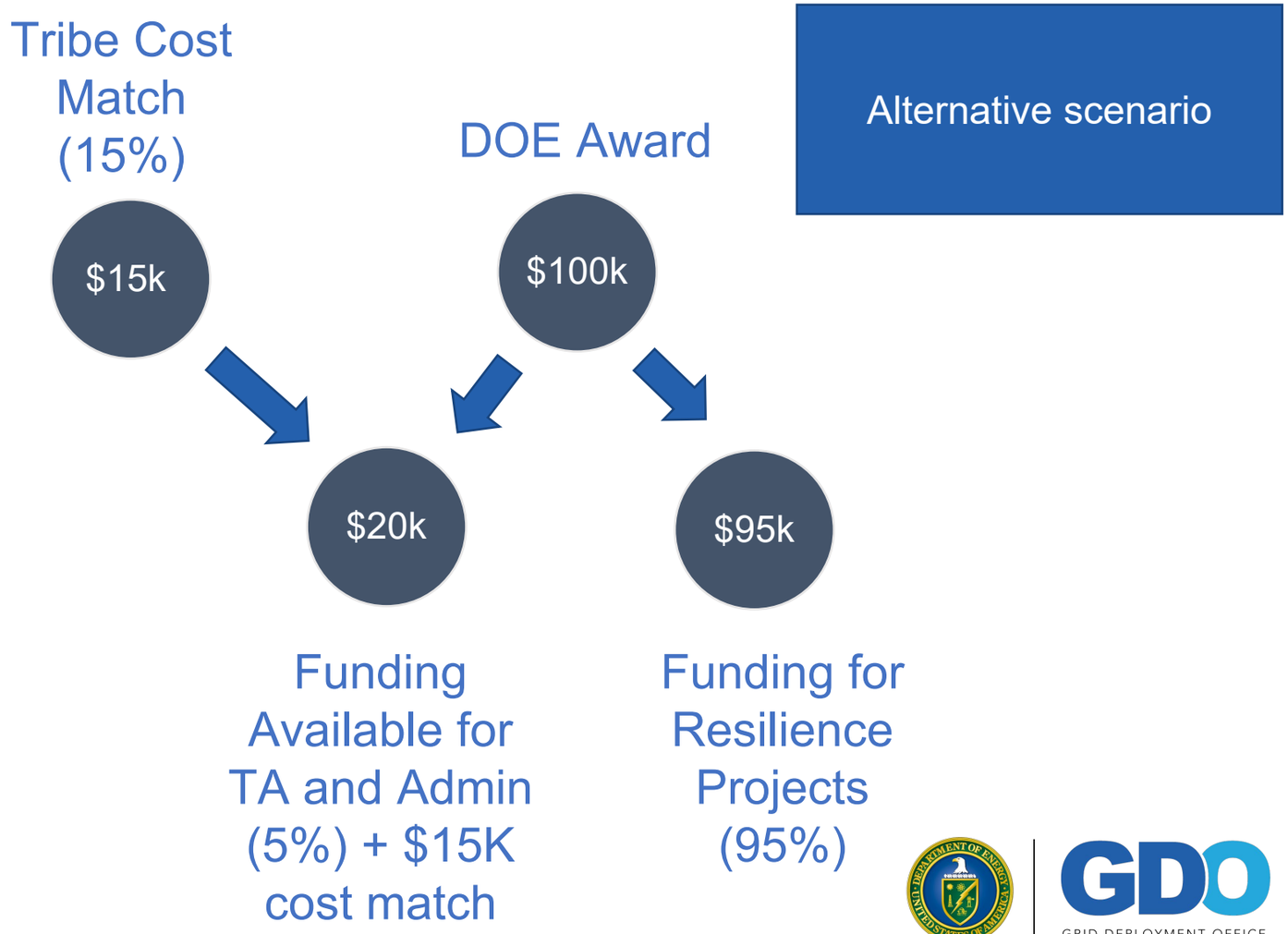
Grant recipients must provide a 15% cost match

- Cost match can be **in-kind contributions**, such as staff time, or cash.
- Cost match can be provided by other entities.
- 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



Subgrantees must also provide a match

- Any eligible entity that receives a subgrant under this program must match 100% of the amount of the subgrant
- However, if the subgrant entity sells ≤4,000,000 MWh of electricity per year, the required match will be 1/3 of the amount awarded to the subgrantee

Large Subgrantee:

Small Subgrantee:

*Small subgrantees must sell electricity to be eligible for the reduced cost match.

GRID DEPLOYMENT OFFICE

Two Key Application Components

Program Narrative

- At a minimum, it should address the anticipated categories of eligible entities the State or Indian Tribe anticipates carrying out these projects through subawards, and the process for selecting those eligible entities.
- *Sample Program Narrative template is available.*

Designation Letter

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

GRID DEPLOYMENT OFFICE

Two key actions to complete prior to August 31st

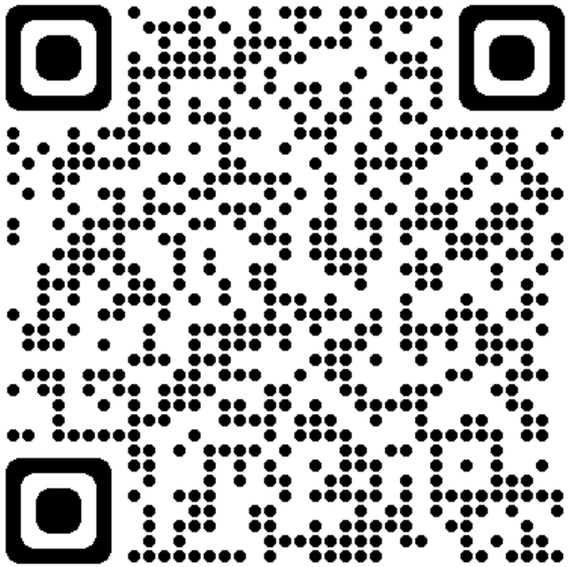
Public Notice

Public Hearing

GRID DEPLOYMENT OFFICE

Helpful Resources

Apply at: https://www.energy.gov/gdo/gridresilience



APPLICATION RESOURCES

- Application forms and templates
- Allocation of grants to States and Tribes
- Administrative and Legal Requirements Document
- Application and administrative frequently asked questions
- Application assistance and example Program Narrative

FREQUENTLY ASKED QUESTIONS +

Visit the Grid and Transmission Program Conductor to see which financing program is right for you.

GRID DEPLOYMENT OFFICE

CLIMATE RISK ANALYSIS COHORT
TECHNICAL ASSISTANCE FOR ELECTRIC UTILITIES

ABOUT THE COHORT OPPORTUNITY

Supported by the U.S. Department of Energy's (DOE) Grid Deployment Office (GDO), Argonne National Laboratory (Argonne) is offering no-cost technical assistance to electric utilities to help enhance climate resilience planning efforts. Over the course of a yearlong collaborative cohort effort, participating utility members will learn about climate science, deploy climate risk analytical tools, and develop internal capabilities needed to begin crafting a climate resilience plan. Argonne is actively searching for utilities with geographic diversity to capture a diverse set of climate risks.

WHAT WILL COHORT MEMBERS GAIN?

Enhanced Utility Climate Resilience Planning Capabilities: Utilities will learn to implement cutting-edge climate risk analytic tools from instructors with experience conducting utility-relevant climate vulnerability assessments. Members will have the opportunity to share best practices with peers and start developing a roadmap for future risk mitigation and adaptation.

Access to Climate Impact Information Tailored to their Needs: Utilities will have the opportunity to request information that is most needed by utilities to plan for climate-induced impacts. The Argonne team will work to deliver customized climate information to participating members.

GDO
GRID DEPLOYMENT OFFICE

Thank you!

Contact Us

https://www.energy.gov/gdo/gridresilience

GDOTribalAssistance@hq.doe.gov