MISSISSIPPI 40101(D) GRID RESILIENCE PROGRAM

PROGRAM OVERVIEW

The 40101(d) Grid Resilience Program aims to enhance the reliability and resilience of Mississippi's electric grid against disruptive events, outages, interruptions and other natural and manmade disasters.

Program objectives include investments in grid hardening, technology deployment, economic and workforce development innovation strategies.

The Mississippi Development Authority's Energy and Natural Resources Division was awarded approximately $18 million to distribute subawards to eligible entities for grid modernization and resilience projects.

ELIGIBLE ENTITIES INCLUDE BUT ARE NOT LIMITED TO:

- Electricity storage operators
- Electricity generators
- Electricity distribution providers

CATEGORIES

- Small Operator – Eligible entities that sell less than 4 million MWh of electricity per year.
- Large Operator – All other eligible entities, regardless of whether they sell electricity.

ELIGIBLE PROJECTS INCLUDE THE FOLLOWING MEASURES:

- Adaptive protection technologies
- Advanced modeling technologies
- Fire-resistant technologies and fire-prevention systems
- Hardening of power lines, facilities, substations or other systems
- Monitoring and control technologies
- Relocation of power lines or reconductoring of power lines with low-sag, advanced conductors
- Replacement of old overhead conductors and underground cables
- Undergrounding of electrical equipment
- Employing distributed energy resources for enhancing systemwide adaptive capacity, including microgrids and battery storage
- Utility pole management | Vegetation management | Fuel-load management

Applicants can submit one application with multiple project measures. Ineligible projects include new-generation projects and cybersecurity measures.

TENTATIVE TIMELINE

AUGUST 2025
Application Portal Opens

OCTOBER 2025
Application Deadline

NOVEMBER 2025
Projects Selected and Submitted to U.S. Dept. of Energy (DOE) for Approval

JANUARY 2026
Subawards Issued

LARGE OPERATORS	
Maximum Award Request	**Minimum Award Request**
$3,500,000	**$2,000,000**

SMALL OPERATORS	
Maximum Award Request	**Minimum Award Request**
$1,000,000	**$200,000**

Match Requirements

DOE calculates the cost match provided by the applicant for small and larger operators as a percentage of the Federal funds rather than the total project cost.

The following cost-share percentages apply to the total project cost. The cost share contributed by the applicant is defined as follows: ($) Total project cost – ($) Award size = ($) Cost share

- **Small Operator** – Total cost share must be at least 32.6% of the total project cost. Example: For a $1,200,000 total project cost, the cost share contributed by the applicant must be at least $391,200.
- **Large Operator** – Total cost share must be at least 53.5% of the total project cost. Example: For a $5,000,000 total project cost, the cost share contributed by the applicant must be at least $2,675,000.

Cost Share Requirements

Applicants must provide details of the cash or in-kind cash value of the proposed cost match to fulfill the project. Cost match includes:

- **Cash Cost Share** – Monetary contributions to the project from the applicant or third party (entities/individuals that do not have a role in delivering the project) for all costs incurred and paid during the project.
- **In-Kind Cost Share** – Contributions to the project where the value of the contribution can be readily determined and verified but where no actual cash is transacted (e.g., volunteer personnel hours, donation of space or use of equipment, etc.).

Project reporting includes semi-annual and final financial reports, project management plans, quarterly progress reports and annual program metrics and impact reports.

COMPLIANCE

The **"Build America, Buy America"** requirement under the "Infrastructure Investment and Jobs Act" mandates the use of U.S.-produced materials in federally funded infrastructure projects. This applies to iron and steel products, manufactured products and construction materials. Waivers are available and may be requested.

The **"Davis-Bacon Act"** requires all laborers and mechanics employed by the recipient, subrecipients, contractors or subcontractors on federally funded or assisted construction projects to be paid the prevailing local wages.

The **"National Environmental Policy Act" (NEPA)** requires federal agencies to assess the environmental effects of their proposed actions before making decisions. Applicants will be required to complete an environmental questionnaire to determine whether the proposed project requires further environmental review.

2 CFR Part 200 federal regulations govern the administration of federal grants in which grant recipients must maintain systems and practices that align with these standards, including financial management, procurement, audit requirements and performance monitoring.

For More Information:

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