



FACT SHEET

GRID RESILIENCE AND INNOVATION PARTNERSHIPS PROGRAM

Established by the Bipartisan Infrastructure Law, the U.S. Department of Energy's Grid Deployment Office is administering a historic \$10.5 billion investment via the Grid Resilience and Innovation Partnerships (GRIP) program to enhance grid flexibility, improve the resilience of the power system against growing threats of extreme weather and climate change, and ensure American communities have access to affordable, reliable, clean electricity when and where they need it.

STRENGTHENING ENERGY RESILIENCE AND RELIABILITY IN RURAL GEORGIA

The Georgia Environmental Finance Authority (GEFA) and the Family of Companies (FOC) that supports the Georgia electric cooperatives are collaborating on a transformative project that will benefit communities across the state of Georgia. The project aims to improve resilience and clean energy development with an estimated investment of more than \$507 million. The comprehensive smart grid infrastructure upgrade program includes investments in battery storage, local microgrids, and grid reliability while implementing new transmission lines to link communities. In addition, advanced grid control systems will improve system resilience. The collaboration aims to improve service reliability, reduce outage durations, and increase distributed energy resource support (DERs). This initiative will pave the way for a more resilient, sustainable, and prosperous future in Georgia's energy sector.

GEFA will collaborate with key stakeholders and partners to execute the smart grid infrastructure upgrades, which include the deployment of 25 MW for 4 hours of moderate-scale battery storage, 75 MW at 4 hours of large-scale battery storage, 80 miles of new transmission lines serving 17 substations, and advanced grid control systems anticipated to improve resiliency and reliability.

Anticipated Outcomes and Benefits

- › Increased access to clean, renewable, and sustainable energy sources for residents.
- › Lower energy bills, particularly for low-income households and **disadvantaged communities** (DACs) through energy efficiency measures.
- › Creation of 143 construction jobs in the clean energy sector, providing employment opportunities and skill training.
- › Enhanced energy resilience and reliability, decreasing the frequency and duration of power outages in underserved communities.
- › Investments in rural communities to ensure remote and hard-to-reach communities see a large impact from this project.
- › Existing career and technical education pathways leveraged to recruit and train labor for long-term energy work in DACs.
- › Commitment to allocate at least 25% of all DOE and match funds spent on contractual agreements to minority, women, and disadvantaged business enterprises.

PROJECT DETAILS

- › **Project:**
Regional Grid Improvements to Address Reliability in Georgia with a Focus on Remote or Hard-to-Reach Communities
- › **Applicant/Selectee:**
Georgia Environmental Finance Authority
- › **GRIP Program:**
[Grid Innovation Program](#) (Bipartisan Infrastructure Law, Section 40103(b))
- › **Federal cost share:**
\$249,129,382
- › **Recipient cost share:**
\$258,010,362
- › **Project Location:**
Georgia
- › **Project type:**
Grid Resilience

HELPFUL LINKS

- › [Grid Resilience and Innovation Partnerships Program](#)
- › [About the Grid Deployment Office](#)