

Investing in Georgia's Energy, Land, and Water Resources

Leveraging P3 for SEO Impact

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GEFA Overview

- **GEFA's mission is to conserve and improve Georgia's energy, land, and water resources.**
- **Energy Resources Division**
- **Water Resources Division**



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Key Drivers

Opportunities in Georgia

- High growth state and pro-business economic climate
- Strong relationships with energy sector, state agencies, and external stakeholders
- Thriving clean-tech sector

Challenges

- Growing electric demand and resiliency needs
- SEO's lack of state funding
- Limited staff resources



Open to New Partnerships
and Desire to Maximize
Flow of Funds into Georgia

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P3 Examples in Georgia

GEFA GRIP Award: Regional Grid Improvements to Address Reliability in Georgia with a Focus on Remote or Hard-to-Reach Communities

- **Primary Recipient:**
 - Georgia Environmental Finance Authority (GEFA)
- **Sub-Recipients:**
 - Oglethorpe Power Corporation (OPC)
 - Georgia Transmission Corporation (GTC)
 - Georgia System Operations Corporation (GSOC)

Total Project Cost	DOE Grant Request	Match Commitment
\$506 M	\$250 M	\$257 M

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GRIP Award



Tier 1. New Transmission Lines to Connect Radial Circuits

- GTC: (8) projects totaling 80 miles of new transmission lines serving 17 substations



Tier 2. Battery Storage: Local Microgrids, Grid Reliability

- GTC: (6) sites totaling 25 MW for 4h (100MWh) of moderate-scale battery storage
- OPC: (3) sites totaling 75 MW at 4h (300 MWh) of large-scale battery storage



Tier 3. Advanced Grid Control Systems for Resiliency and Reliability

- GSOC: DER Forecasting; DERMS to improve operational effectiveness, improve coordination of distribution system with wholesale system; System Reliability Assessment for new intermittent resources

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P3 Beyond GRIP

Leveraging Expertise, Financing Gaps, and Maximizing Federal Funds

- Home Energy Rebates
 - Proactively seeking partners to help finance gaps
 - Continual engagement with private sector and non-profit partners
- Workforce Development
 - Funding proposals with non-profit, private sector, and public partners for Energy Auditor and TREC
- Weatherization
 - SERC grant proposal developed with P3 partners

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