



Grid Resilience and Innovation Partnerships (GRIP) Program Projects

As part of the Bipartisan Infrastructure Law, the Grid Deployment Office (GDO) is administering a \$10.5 billion [Grid Resilience and Innovation Partnerships \(GRIP\) Program](#) to

Programs

enhance grid flexibility and improve the resilience of the power system against growing threats of extreme weather and climate change.

These programs will accelerate the deployment of transformative projects that will help to ensure the reliability of the power sector's infrastructure, so all American communities have access to affordable, reliable, clean electricity anytime, anywhere.

- [Grid Resilience Utility and Industry Grants](#)
- [Smart Grid Grants](#)
- [Grid Innovation Program](#)

Boosting Grid Resilience in Communities Impacted by Hurricanes Helene and Milton

On [October 13, 2024](#), President Biden announced the U.S. Department of Energy (DOE) is providing more than \$600 million through the Bipartisan Infrastructure Law to bolster grid resilience and reliability in the face of extreme weather and increased electricity demand across the states affected by Hurricanes Helene and Milton. The funding will help harden the electric grid across the Southeastern U.S.; install advanced conductors and controls to help local power companies better face increasing extreme weather; deploy self-healing devices and enable more efficient and precise dispatching of field teams during outages; upgrade lines to meet critical capacity and flexibility for projected load growth and renewable integration; and build, rebuild, or reconductor transmission infrastructure. This investment will help reduce the likelihood of outages, speed up restoration times, and increase grid operational resilience for millions of customers in communities most susceptible to prolonged outages in one of the highest storm-risk regions of the country.

Projects receiving funding within communities affected by Hurricane Helene include:

- [Randolph Electric Membership Corporation](#) (Up to **\$11.4 million** in North Carolina)
- [Tennessee Valley Authority](#) (Up to **\$250 million** in Alabama, Georgia, Kentucky, Missouri, Mississippi, North Carolina, Tennessee, and Virginia)
- [Gainesville Regional Utilities](#) (Up to **\$47 million** in Florida)
- [Georgia Power Company](#) (Up to **\$160 million** in Georgia)
- [Georgia Transmission Corporation](#) (Up to **\$97 million** in Georgia, Arkansas, Arizona, Kentucky, Maine, Minnesota, North Carolina, Nebraska, New Mexico, South Dakota, and Wisconsin)
- [Switched Source](#) (Up to **\$47 million** in Florida and Illinois)

Round 2 Selections

[On August 6, 2024](#), the U.S. Department of Energy (DOE) announced the first eight selections for the second round of GRIP funding specifically for the Grid Innovation Program, one of three GRIP funding mechanisms. Through the second round of GRIP funding, the Grid Innovation Program will support eight projects across 18 states, totaling about \$2.2 billion in federal investment. Selections for the remaining two funding mechanisms will be announced later this year.

Projects

Through the first and second rounds of GRIP funding, GDO has announced **\$5.7 billion** in funding for **65** selected projects.

- **August 6, 2024:** [\\$2.2 Billion Investment in the Nation's Grid to Protect Against Extreme Weather, Lower Costs, and Prepare for Growing Demand](#)
- **October 18, 2023:** [\\$3.5 Billion for Largest Ever Investment in America's Electric Grid, Deploying More Clean Energy, Lowering Costs, and Creating Union Jobs](#)

Search Tip: If you are looking for projects within a specific state, type the full name of the state in the search bar.

Showing 1 to 72 of 72 entries

Status

- ☐ Awarded
- ☐ Selected
- ☐ Withdrawn

Round

- ☐ First
- ☐ Second

Search:

Applicant/Selectee ⌵	Project ⌵	Federal Cost Share ⌵	Recipient Cost Share ⌵	Status ⌵	Round ⌵
<div><div>–</div>Alaska Energy Authority</div>	Railbelt Innovative Resiliency Project	\$206,500,000	\$206,500,000	Awarded	First

Locations AK

<div><div>–</div>Algonquin Power Fund America Inc.</div>	Enabling the Clean Energy Transition by Enhancing Grid Stability Using SmartValve Technology	\$42,905,918	\$42,905,918	Withdrawn	First
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Locations IL, TX

Program	Applicant/Selectee	Project	Federal Cost Share	Recipient Cost Share	Status	Round
<input type="checkbox"/> Grid Innovation Program	<div><div></div><div>Allete Inc.</div></div>	Minnesota Power HVDC Terminal Expansion Capability	\$50,000,000	\$54,116,574	Awarded	First
<input type="checkbox"/> Grid Resilience Utility and Industry Grants	Locations ND, MN					
<input type="checkbox"/> Smart Grid Grants	<div><div></div><div>American Electric Power Service Corporation</div></div>	AEP Advance Distribution Management System and Distributed Energy Resource Management System (ADMS & DERMS) Initiative	\$27,849,763	\$27,849,763	Awarded	First
	Locations AR, IN, LA, OH, OK, TN, VA, WV					
	<div><div></div><div>Arkansas Valley Electric Cooperative Corporation</div></div>	Beyond AMI to True Grid Intelligence with Distribution Automation	\$18,304,363	\$18,310,825	Awarded	First
	Locations AR					
	<div><div></div><div>Burlington Electric Department</div></div>	Building Grid-Edge Integration and Aggregation Network of Thermal Storage (GIANTS)	\$1,158,695	\$1,160,000	Awarded	First
	Locations VT					
	<div><div></div><div>CPS Energy</div></div>	Community Energy Resiliency Program	\$30,227,710	\$30,227,710	Awarded	First

Applicant/Selectee	Project	Federal Cost Share	Recipient Cost Share	Status	Round
Locations TX					
<div><div></div><div>California Energy Commission</div></div>	CHARGE 2T: California Harnessing Advanced Reliable Grid Enhancing Technologies for Transmission	\$600,561,319	\$900,841,978	Selected	Second
Locations CA					
<div><div></div><div>Central Maine Power</div></div>	Enhancing Utility Resilience in America's Most Forested State	\$30,306,795	\$30,306,795	Awarded	First
Locations ME					
<div><div></div><div>City of Kaukauna</div></div>	Kaukauna Utilities Grid Resilience Project	\$3,012,462	\$3,012,462	Awarded	First
Locations WI					
<div><div></div><div>City of Lake Worth</div></div>	System Hardening and Reliability Improvement Program (SHRIP)	\$23,462,167	\$23,462,167	Awarded	First
Locations FL					
<div><div></div><div>City of Naperville</div></div>	Distributed Energy Resource Management System	\$1,116,174	\$1,116,174	Awarded	First

Applicant/Selectee	Project	Federal Cost Share	Recipient Cost Share	Status	Round
	Implementation & Integrations				
Locations IL					
<div><div></div><div>Commonwealth Edison Company</div></div>	Deployment of a Community-Oriented Interoperable Control Framework for Aggregating and Integrating Distributed Energy Resources and Other Grid-Edge Devices	\$50,000,000	\$66,000,000	Awarded	First
Locations TX					
<div><div></div><div>Confederated Tribes of Warm Springs Reservation of Oregon</div></div>	Confederated Tribes of Warm Springs (CTWS) and Portland General Electric (PGE) Regional 500kV Transmission Innovative Partnership	\$250,000,000	\$363,953,472	Awarded	First
Locations IL					
<div><div></div><div>Consumers Energy</div></div>	Sectionalization and Circuit Improvements to Mitigate Outage Impacts for Disadvantaged Communities	\$100,000,000	\$100,310,996	Awarded	First

Applicant/Selectee	Project	Federal Cost Share	Recipient Cost Share	Status	Round
Locations MI					
<div><div></div><div>DTE Electric Company</div></div>	Deploying Adaptive Networked Microgrids to Improve Grid Flexibility and Reliability Project	\$22,941,046	\$22,941,046	Selected	First
Locations MI					
<div><div></div><div>Duquesne Light Company</div></div>	Grid Visibility Program (GVP): Unlocking System-Wide Data to Build a More Resilient and Equitable Grid	\$19,724,715	\$20,215,000	Awarded	First
Locations PA					
<div><div></div><div>Electric Power Board of Chattanooga</div></div>	EPB Chattanooga Grid Resiliency Upgrades: Network Conversions & Microgrids	\$32,375,691	\$32,375,691	Awarded	First
Locations TN					
<div><div></div><div>Electric Power Research Institute Inc.</div></div>	Optimizing Interregional Transfer Capacity Using Advanced Power Flow Control	\$18,017,358	\$18,017,358	Awarded	First
Locations VT					

Applicant/Selectee ▴ ▾	Project ▴ ▾	Federal Cost Share ▴ ▾	Recipient Cost Share ▴ ▾	Status ▴ ▾	Round ▴ ▾
<div><div>−</div><div>Entergy New Orleans, LLC (ENO)</div></div>	Line Hardening and Battery Microgrid in New Orleans, LA	\$54,828,178	\$54,828,178	Awarded	First
Locations LA					
<div><div>−</div><div>Florida Power & Light (FPL)</div></div>	Smart Grid Manhole and Vault Monitoring Project	\$30,363,088	\$36,738,088	Awarded	First
Locations FL					
<div><div>−</div><div>Fort Pierce Utilities Authority</div></div>	Mitigating Impacts of Extreme Weather and Natural Disasters Through Increased Grid Resiliency	\$5,828,993	\$2,907,882	Awarded	First
Locations FL					
<div><div>−</div><div>Gainesville Regional Utilities</div></div>	Building a Resilient Grid to Mitigate Effects of Extreme Weather in North Central Florida	\$47,514,590	\$23,757,295	Selected	Second
Locations FL					
<div><div>−</div><div>Generac Grid Services</div></div>	Accelerating Building Thermal Electrification While Managing System Impacts	\$49,835,370	\$52,939,597	Awarded	First

Applicant/Selectee ▴ ▾	Project ▴ ▾	Federal Cost Share ▴ ▾	Recipient Cost Share ▴ ▾	Status ▴ ▾	Round ▴ ▾
Locations MA					
<div><div></div><div>Georgia Environmental Finance Authority</div></div>	Regional Grid Improvements to Address Reliability in Georgia with a Focus on Remote or Hard-to-Reach Communities	\$249,129,382	\$258,010,362	Awarded	First
Locations GA					
<div><div></div><div>Georgia Power Company</div></div>	Expanding Transmission Capacity and Reducing Community	\$160,296,888	\$160,296,888	Selected	Second
Locations GA					
<div><div></div><div>Georgia Transmission Corporation</div></div>	Smart Technology for Advanced Resilient Transmission (START)	\$97,910,605	\$97,910,605	Selected	Second
Locations GA, AR, AZ, KY, ME, MN, NC, NE, NM, SD, WI					
<div><div></div><div>Hawai'i State Energy Office (HESO) and Hawai'i Department of Business, Economic</div></div>	Enabling High Penetration of Renewables with Synchronous Condenser Conversion Technology (SCCT)	\$1,675,000	\$1,675,000	Awarded	First

Applicant/Selectee ▴ ▾	Project ▴ ▾	Federal Cost Share ▴ ▾	Recipient Cost Share ▴ ▾	Status ▴ ▾	Round ▴ ▾
Development, and Tourism					
Locations HI					
<div><div></div><div>Hawai'i State Energy Office (HESO) and Hawai'i Department of Business, Economic Development, and Tourism</div></div>	Utility Solar Grid Forming Technology (USGFT)	\$16,250,000	\$16,250,000	Awarded	First
Locations HI					
<div><div></div><div>Hawaiian Electric Company Inc.</div></div>	Climate Adaption Resilience Program	\$95,313,716	\$95,313,718	Awarded	First
Locations HI					
<div><div></div><div>Holy Cross Energy</div></div>	Wildfire Assessment and Resilience for Networks (WARN)	\$99,328,430	\$45,762,816	Awarded	First
Locations AZ, CA, CO, ID, KS, MN, MT, ND, NE, NM, OK, OR, SD, UT, WA, WY					
<div><div></div><div>Jamestown Board of Public Utilities</div></div>	Jamestown Board of Public Utilities Microgrid	\$17,377,945	\$5,792,648	Awarded	First

Applicant/Selectee ▴ ▾	Project ▴ ▾	Federal Cost Share ▴ ▾	Recipient Cost Share ▴ ▾	Status ▴ ▾	Round ▴ ▾
Locations NY					
<div><div>–</div><div>Kit Carson Electric Cooperative</div></div>	Building a Modern, Intelligent Distributed BESS for Resiliency in Northern New Mexico	\$15,430,118	\$7,715,580	Awarded	First
Locations NM					
<div><div>–</div><div>Liberty Utilities (CalPeco Electric), LLC</div></div>	Project Leapfrog	\$13,071,300	\$13,071,300	Awarded	First
Locations CA					
<div><div>–</div><div>Los Angeles Department of Water and Power</div></div>	Expanding Distribution System Visibility and the Ability to Dispatch Distributed Energy Resources	\$48,000,000	\$48,000,000	Awarded	First
Locations CA					
<div><div>–</div><div>Louisiana Department of Natural Resources</div></div>	State of Louisiana: Louisiana Hubs for Energy Resilient Operations (HERO) Project	\$249,329,483	\$249,329,483	Awarded	First

Applicant/Selectee ▴ ▾	Project ▴ ▾	Federal Cost Share ▴ ▾	Recipient Cost Share ▴ ▾	Status ▴ ▾	Round ▴ ▾
Locations LA					
<div><div>−</div><div>Massachusetts Department of Energy Resources</div></div>	Power Up New England	\$389,345,755	\$499,212,688	Selected	Second
Locations MA, CT, ME, RI, NH, VT					
<div><div>−</div><div>Midwest Energy, Inc.</div></div>	Transmission Line Rebuild/Replacement for Wildlife Mitigation and Renewable Resource Access	\$96,942,707	\$47,717,412	Awarded	First
Locations KS					
<div><div>−</div><div>Minnesota Department of Commerce</div></div>	Joint Targeted Interconnection Queue Transmission Study Process and Portfolio	\$464,000,000	\$1,300,000,000	Awarded	First
Locations IA, KS, ND, NE, MN, MO, SD					
<div><div>−</div><div>Missoula Electric Cooperative, Inc.</div></div>	Strategic Distribution System Modernization for Resilience and Wildfire Safety	\$2,749,071	\$2,749,070	Awarded	First
Locations MT, ID					
<div><div>−</div><div>Montana Department of</div></div>	North Plains Connector	\$700,000,000	\$2,899,540,962	Selected	Second












Applicant/Selectee	Project	Federal Cost Share	Recipient Cost Share	Status	Round
Commerce	Interregional Innovation				
Locations MT, ND					
<div><div></div>Mora-San Miguel Electric Cooperative, Inc.</div>	Three-Part Wildfire Damage Mitigation Project	\$11,270,193	\$3,756,731	Awarded	First
Locations NM					
<div><div></div>National Grid USA Service Company, Inc.</div>	The Future Grid Project	\$49,642,758	\$89,371,000	Awarded	First
Locations NY, MA					
<div><div></div>New York Power Authority</div>	Transforming the Empire State: Clean Path New York	\$30,000,000	\$3,209,440,351	Selected	Second
Locations NY					
<div><div></div>North Carolina Department of Environmental Quality and State Energy Office</div>	North Carolina Innovative Transmission Rebuild	\$57,099,386	\$57,099,386	Selected	Second
Locations NC					
<div><div></div>Oklahoma Gas and Electric (OG&E)</div>	Adaptable Grid Project	\$50,000,000	\$52,362,351	Awarded	First

Applicant/Selectee	Project	Federal Cost Share	Recipient Cost Share	Status	Round
Locations OK					
<div><div></div><div>PECO Energy Company (PECO)</div></div>	Creating a Resilient, Equitable, and Accessible Transformation in Energy for Greater Philadelphia (CREATE)	\$100,000,000	\$156,761,176	Awarded	First
Locations PA					
<div><div></div><div>PPL Electric Utilities Corporation</div></div>	The Grid of the Future	\$49,500,000	\$49,500,000	Awarded	First
Locations PA					
<div><div></div><div>PacifiCorp</div></div>	PacifiCorp's Equity-aware Enhancement of Grid Resiliency	\$99,633,723	\$106,105,519	Awarded	First
Locations CA, OR, UT					
<div><div></div><div>PacifiCorp</div></div>	Resiliency Enhancement for Fire mitigation and Operational Risk Management	\$49,951,103	\$53,186,717	Awarded	First
Locations CA, ID, UT, WA, WY					

Applicant/Selectee ▴ ▾	Project ▴ ▾	Federal Cost Share ▴ ▾	Recipient Cost Share ▴ ▾	Status ▴ ▾	Round ▴ ▾
<div><div></div><div>Pecan Street Inc.</div></div>	Seasonal Solar Congestion Management (SEASCOM)	\$7,989,987	\$7,989,987	Awarded	First
Locations DE					
<div><div></div><div>Portland General Electric Company</div></div>	Accelerating and Deploying Grid-Edge Computing	\$50,000,000	\$58,402,842	Awarded	First
Locations OR					
<div><div></div><div>Public Utility District 1 Of Snohomish County</div></div>	Snohomish County Public Utility District's Secure Modern Automated and Reliable Technology Project (SnoSMART)	\$30,000,000	\$30,000,000	Awarded	First
Locations WA					
<div><div></div><div>Randolph Electric Membership Corporation</div></div>	Circuit Tie Reclosing	\$11,481,931	\$4,920,828	Selected	Second
Locations NC					
<div><div></div><div>Rappahannock Electric Cooperative</div></div>	Enabling EV and DER Adoption through DERMS, AMI, and Fiber Integration	\$38,162,015	\$38,162,015	Awarded	First

Applicant/Selectee ▴ ▾	Project ▴ ▾	Federal Cost Share ▴ ▾	Recipient Cost Share ▴ ▾	Status ▴ ▾	Round ▴ ▾
Locations VA					
<div><div>−</div><div>Redwood Coast Energy Authority</div></div>	Tribal Energy Resilience and Sovereignty (TERAS) Project	\$87,629,455	\$88,971,068	Selected	Second
Locations CA					
<div><div>−</div><div>Rhode Island Energy</div></div>	Smart Grid for Smart Decarbonization: Deploying Advanced Technology for Smart Grid Investments	\$50,000,000	\$235,047,477	Awarded	First
Locations RI					
<div><div>−</div><div>Sacramento Municipal Utility District</div></div>	Connected Clean PowerCity	\$50,000,000	\$106,164,172	Awarded	First
Locations CA					
<div><div>−</div><div>Southern Maryland Electric Cooperative</div></div>	SMECO Transmission, Distribution, and Communications Resiliency Initiative	\$33,567,016	\$15,642,000	Awarded	First
Locations MD					
<div><div>−</div><div>Sumter Electric Cooperative, Inc. d/b/a SECO Energy</div></div>	Improving Reliability Through Grid Hardening	\$52,857,560	\$17,619,190	Awarded	First

Applicant/Selectee	Project	Federal Cost Share	Recipient Cost Share	Status	Round
Locations FL					
<div><div></div><div>Surry-Yadkin Electric Membership Corporation (SYEMC)</div></div>	Grid Deployment to Support Rural-Focused Resiliency at a Small-Scale Electric Co-op	\$7,486,808	\$7,700,738	Awarded	First
Locations NC					
<div><div></div><div>Switched Source</div></div>	CARPE DIEM: Catalyzing the Adoption and Rollout of Power Electronics to Distribution Infrastructure to Enhance System Performance	\$47,704,894	\$50,957,122	Selected	Second
Locations IL, FL					
<div><div></div><div>Tennessee Valley Authority</div></div>	Resilience Amplified: Multi-Market Grid Interconnection and DAC Empowerment Initiative	\$250,000,000	\$283,295,473	Selected	Second
Locations AL, GA, KY, MO, MS, NC, TN, VA					
<div><div></div><div>The Empire District Electric Company (d/b/a Liberty)</div></div>	Project DA: Distribution Automation Deployment in	\$47,491,810	\$47,491,810	Awarded	First

Applicant/Selectee 	Project 	Federal Cost Share 	Recipient Cost Share 	Status 	Round 
	Missouri, Kansas, Arkansas, and Oklahoma				
Locations AR, KS, MO, OK					
 Tri-County Electric Cooperative, Inc. (TCE)	Tri-County Power Meter Squared & Green Tree	\$4,665,803	\$2,332,903	Awarded	First
Locations SC					
 Tri-State Generation and Transmission Association	Cooperative Energy Ecosystem	\$26,798,344	\$26,798,344	Awarded	First
Locations CO, NE, NM, WY					
 UMS Group	Advanced Solutions for Wildfire Mitigation	\$38,480,244	\$38,480,244	Selected	First
Locations CA, ID, OR, WA					
 Union Electric Company (Ameren Missouri)	Rural Modernization	\$47,130,781	\$54,009,248	Selected	First
Locations MO					
 Utah Office of Energy Development	Reliable Electric Lines: Infrastructure Expansion	\$249,557,047	\$252,030,385	Selected	Second

Applicant/Selectee	Project	Federal Cost Share	Recipient Cost Share	Status	Round
	Framework (Project RELIEF)				
Locations UT, OR, WY, ID, AZ, CA					
<div><div></div><div>Virginia Department of Energy</div></div>	Data Center Flexibility as a Grid Enhancing Technology	\$85,433,351	\$106,046,099	Selected	Second
Locations VA, SC					
<div><div></div><div>Virginia Electric and Power Co. (Dominion Energy Virginia)</div></div>	Analytics and Control for Driving Capital Efficiency Project	\$33,654,095	\$33,654,095	Awarded	First
Locations VA, NC					
<div><div></div><div>Xcel Energy Services, Inc.</div></div>	Wildfire Mitigation and Extreme Weather Resilience for Xcel Energy	\$100,000,000	\$142,020,463	Awarded	First
Locations CO, MN, NM, TX, WI					

Show

100

entries

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