



Grid Resilience and Innovation Partnerships (GRIP) Program Projects

Grid Deployment Office

On October 18, 2023, the U.S. Department of Energy announced up to \$3.5 billion in [Grid Resilience and Innovation Partnerships \(GRIP\) Program](#) investments for 58 projects across 44 states to strengthen electric grid resilience and reliability across America.

Grid Resilience Utility and Industry Grants

Applicant/Selectee	Project	Federal Cost Share	Recipient Cost Share
Consumers Energy	Sectionalization and Circuit Improvements to Mitigate Outage Impacts for Disadvantaged Communities	\$100,000,000	\$100,310,996
Electric Power Board of Chattanooga	EPB Chattanooga Grid Resiliency Upgrades: Network Conversions & Microgrids	\$32,375,691	\$32,375,691
Entergy New Orleans, LLC (ENO)	Line Hardening and Battery Microgrid in New Orleans, LA	\$54,828,178	\$54,828,178
Fort Pierce Utilities Authority	Mitigating Impacts of Extreme Weather and Natural Disasters Through Increased Grid Resiliency	\$5,828,993	\$2,907,882
Hawaiian Electric Company Inc.	Climate Adaption Resilience Program	\$95,313,716	\$95,313,718
Holy Cross Energy	Wildfire Assessment and Resilience for Networks (WARN)	\$99,328,430	\$45,762,816
Jamestown Board of Public Utilities	Jamestown Board of Public Utilities Microgrid	\$17,377,945	\$5,792,648
Kit Carson Electric Cooperative	Building a Modern, Intelligent Distributed BESS for Resiliency in Northern New Mexico	\$15,430,118	\$7,715,580
Midwest Energy, Inc.	Transmission Line Rebuild/Replacement for Wildlife	\$96,942,707	\$47,717,412

Applicant/Selectee	Project	Federal Cost Share	Recipient Cost Share
	<u>Mitigation and Renewable Resource Access</u>		
Mora-San Miguel Electric Cooperative, Inc.	<u>Three-Part Wildfire Damage Mitigation Project</u>	\$11,270,193	\$3,756,731
PacifiCorp	<u>PacifiCorp's Equity-aware Enhancement of Grid Resiliency</u>	\$99,633,723	\$106,105,519
PECO Energy Company (PECO)	<u>Creating a Resilient, Equitable, and Accessible Transformation in Energy for Greater Philadelphia (CREATE)</u>	\$100,000,000	\$156,761,176
Southern Maryland Electric Cooperative	<u>SMECO Transmission, Distribution, and Communications Resiliency Initiative</u>	\$33,567,016	\$15,642,000
Sumter Electric Cooperative, Inc. d/b/a SECO Energy	<u>Improving Reliability Through Grid Hardening</u>	\$52,857,560	\$17,619,190
Tri-County Electric Cooperative, Inc. (TCE)	<u>Tri-County Power Meter Squared & Green Tree</u>	\$4,665,803	\$2,332,903
Xcel Energy Services, Inc.	<u>Wildfire Mitigation and Extreme Weather Resilience for Xcel Energy</u>	\$100,000,000	\$142,020,463

Smart Grid Grants

Applicant/Selectee	Project	Federal Cost Share	Recipient Cost Share
Algonquin Power Fund America Inc.	<u>Enabling the Clean Energy Transition by Enhancing Grid Stability Using SmartValve Technology</u>	\$42,905,918	\$42,905,918
Allete Inc.	<u>Minnesota Power HVDC Terminal Expansion Capability</u>	\$50,000,000	\$54,116,574
American Electric Power Service Corporation	<u>AEP Advance Distribution Management System and Distributed Energy Resource Management System (ADMS & DERMS) Initiative</u>	\$27,849,763	\$27,849,763
Arkansas Valley Electric Cooperative Corporation	<u>Beyond AMI to True Grid Intelligence with Distribution Automation</u>	\$18,304,363	\$18,310,825
Burlington Electric Department	<u>Building Grid-Edge Integration and Aggregation Network of Thermal Storage (GIANTS)</u>	\$1,158,695	\$1,160,000

Applicant/Selectee	Project	Federal Cost Share	Recipient Cost Share
Central Maine Power	Enhancing Utility Resilience in America's Most Forested State	\$30,306,795	\$30,306,795
City of Lake Worth	System Hardening and Reliability Improvement Program (SHRIP)	\$23,462,167	\$23,462,167
City of Naperville	Distributed Energy Resource Management System Implementation & Integrations	\$1,116,174	\$1,116,174
Commonwealth Edison Company	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
CPS Energy	Community Energy Resiliency Program	\$30,227,710	\$30,227,710
DTE Electric Company	Deploying Adaptive Networked Microgrids to Improve Grid Flexibility and Reliability Project	\$22,941,046	\$22,941,046
Duquesne Light Company	Grid Visibility Program (GVP): Unlocking System-Wide Data to Build a More Resilient and Equitable Grid	\$19,724,715	\$20,215,000
Electric Power Research Institute Inc.	Optimizing Interregional Transfer Capacity Using Advanced Power Flow Control	\$18,017,358	\$18,017,358
The Empire District Electric Company (d/b/a Liberty)	Project DA: Distribution Automation Deployment in Missouri, Kansas, Arkansas, and Oklahoma	\$47,491,810	\$47,491,810
Florida Power & Light (FPL)	Smart Grid Manhole and Vault Monitoring Project	\$30,363,088	\$36,738,088
Generac Grid Services	Accelerating Building Thermal Electrification While Managing System Impacts	\$49,835,370	\$52,939,597
Liberty Utilities (CalPeco Electric), LLC	Project Leapfrog	\$13,071,300	\$13,071,300
Los Angeles Department of Water and Power	Expanding Distribution System Visibility and the Ability to Dispatch Distributed Energy Resources	\$48,000,000	\$48,000,000
Missoula Electric Cooperative, Inc.	Strategic Distribution System Modernization for Resilience and Wildfire Safety	\$2,749,071	\$2,749,070

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National Grid USA Service Company, Inc.	The Future Grid Project	\$49,642,758	\$89,371,000
Oklahoma Gas and Electric (OG&E)	Adaptable Grid Project	\$50,000,000	\$52,362,351
PacifiCorp	Resiliency Enhancement for Fire mitigation and Operational Risk Management	\$49,951,103	\$53,186,717
Pecan Street Inc.	Seasonal Solar Congestion Management (SEASCOM)	\$7,989,987	\$7,989,987
Portland General Electric Company	Accelerating and Deploying Grid-Edge Computing	\$50,000,000	\$58,402,842
PPL Electric Utilities Corporation	The Grid of the Future	\$49,500,000	\$49,500,000
Public Utility District 1 Of Snohomish County	Snohomish County Public Utility District's Secure Modern Automated and Reliable Technology Project (SnoSMART)	\$30,000,000	\$30,000,000
Rappahannock Electric Cooperative	Enabling EV and DER Adoption through DERMS, AMI, and Fiber Integration	\$38,162,015	\$38,162,015
Rhode Island Energy	Smart Grid for Smart Decarbonization: Deploying Advanced Technology for Smart Grid Investments	\$50,000,000	\$235,047,477
Sacramento Municipal Utility District	Connected Clean PowerCity	\$50,000,000	\$106,164,172
Surry-Yadkin Electric Membership Corporation (SYEMC)	Grid Deployment to Support Rural-Focused Resiliency at a Small-Scale Electric Co-op	\$7,486,808	\$7,700,738
Tri-State Generation and Transmission Association	Cooperative Energy Ecosystem	\$26,798,344	\$26,798,344
UMS Group	Advanced Solutions for Wildfire Mitigation	\$38,480,244	\$38,480,244
Union Electric Company (Ameren Missouri)	Rural Modernization	\$47,130,781	\$54,009,248
Virginia Electric and Power Co. (Dominion Energy Virginia)	Analytics and Control for Driving Capital Efficiency Project	\$33,654,095	\$33,654,095

Grid Innovation Program

Applicant/Selectee	Project	Federal Cost Share	Recipient Cost Share
Alaska Energy Authority	Railbelt Innovative Resiliency Project	\$206,500,000	\$206,500,000
City of Kaukauna	Kaukauna Utilities Grid Resilience Project	\$3,012,462	\$3,012,462
Confederated Tribes of Warm Springs Reservation of Oregon	Confederated Tribes of Warm Springs (CTWS) and Portland General Electric (PGE) Regional 500kV Transmission Innovative Partnership	\$250,000,000	\$363,953,472
Georgia Environmental Finance Authority	Regional Grid Improvements to Address Reliability in Georgia with a Focus on Remote or Hard-to-Reach Communities	\$249,129,382	\$258,010,362
Hawai'i State Energy Office (HESO) and Hawai'i Department of Business, Economic Development, and Tourism	Enabling High Penetration of Renewables with Synchronous Condenser Conversion Technology (SCCT)	\$1,675,000	\$1,675,000
Hawai'i State Energy Office (HESO) and Hawai'i Department of Business, Economic Development, and Tourism	Utility Solar Grid Forming Technology (USGFT)	\$16,250,000	\$16,250,000
Louisiana Department of Natural Resources	State of Louisiana: Louisiana Hubs for Energy Resilient Operations (HERO) Project	\$249,329,483	\$249,329,483
Minnesota Department of Commerce	Joint Targeted Interconnection Queue Transmission Study Process and Portfolio	\$464,000,000	\$1,300,000,000