



South Carolina Grid Resilience Grant Program Projects

1. **Berkeley Electric Cooperative** - \$982,228 - Implement an automated fault location, isolation, and service restoration system (FLISR) in a remote/difficult-to-access area to decrease outage restoration times.
2. **Broad River Electric Cooperative** - \$183,964 - Install additional remotely controlled devices and new controls to improve monitoring and control capabilities and increase reliability for two circuits that have experienced outages.
3. **City of Rock Hill** - \$71,470 - Add two automated overhead switches and a self-healing device to address circuit-level outages.
4. **Coastal Electric Cooperative** - \$400,000 - Improve monitoring and control capabilities to increase sectionalizing, reduce outages and expand FLISR abilities.
5. **Coastal Electric Cooperative** - \$796,000 - Replace aging overhead distribution lines on the back of lots with underground lines on the front of lots to improve reliability by and increase access to the lines.
6. **Fairfield Electric Cooperative** - \$225,000 - Update equipment and improve system monitoring and control, allowing for remote power restoration.
7. **Fairfield Electric Cooperative** - \$900,000 - Rebuild four miles of overhead distribution line serving a wastewater treatment plant in a remote area that has experienced extended outages.
8. **Gaffney Board of Public Works** - \$417,605 - Deploy technology to locate, predict, and prevent issues on the electrical grid.
9. **Horry Electric Cooperative** - \$779,823 - Install self-healing devices on existing poles along major transportation corridors, allowing automated restoration within seconds for outages between these devices.
10. **Laurens Commission of Public Works** - \$777,917 - Replace cutout switches, inspect all poles on the system, and accelerate vegetation management.
11. **Lockhart Power Company** - \$833,333 - Install enhanced resiliency insulators and storm-hardened metal poles on Jonesville 34kV line, part of a larger project to replace an aged 18-mile segment of line between two substations.
12. **MPD Electric Cooperative** - \$1,191,604 - Install distribution management and automation systems to automatically clear instantaneous and short-duration faults.
13. **Palmetto Electric Cooperative** - \$1,946,000 - Replace 44 old hydraulic reclosers with new electronically controlled reclosers with remote monitoring and operating capabilities in areas considered to be disadvantaged communities.
14. **York Electric Cooperative** - \$125,193 - Build a 2.1-mile overhead line to provide an alternate feed to two long radial lines in hard-to-reach areas of Bonnor Horton Road and West McConnells Highway and improve reliability.
15. **York Electric Cooperative** - \$152,664 - Install a distribution automation scheme across its service territory in the Catawba Indian Nation.
16. **York Electric Cooperative** - \$59,886 – Install an underground tie line between Legion Road and Valley Haven Trail in Hickory Grove, creating a usable backfeed and reducing the number of radial line miles by 13.54 miles.



17. **York Electric Cooperative** - \$924,212 - Bury approximately three miles of overhead line going into the Kings Mountain National Military Park and a single-phase line feeding Camp Cherokee, a local YMCA summer camp. Bury approximately two miles line feeding the Kings Mountain State Park, almost entirely inside of the State Park.
18. **City of Clinton** - **\$445,200** - Vegetation management, outage management and pole inspections.
19. **City of Rock Hill** - **\$397,123** - Installing new underground electric lines, appurtenances and lighting in a 10-foot easement acquired from affected property owners. Old overhead lines will be converted to new underground lines and old infrastructure will be removed.
20. **Fairfield Electric Cooperative** - **\$99,000** - Implementing a comprehensive Fault Indicator System to enhance grid resilience by enabling rapid detection, precise location and efficient management of faults.
21. **Fairfield Electric Cooperative** - **\$210,000** - Installing seven three-phase electronic reclosers downline from Fairfield's Winnsboro substation on Circuit 1.
22. **Fairfield Electric Cooperative** - **\$330,000** - Installing 11 three-phase electronic reclosers downline from Fairfield's Woodward substation.
23. **Greer CPW** - **\$1,047,000** - Increasing system automation capable of providing real-time data during events, fault ID, fault isolation and service restoration during extreme weather events and public interference-caused outages.
24. **Laurens CPW** - **\$1,347,097** - Restringing the primary and secondary electric distribution lines with new cables and accelerating vegetation management in the disadvantaged communities of the city.
25. **MPD Electric Cooperative** - \$319,104 - Installing distribution management and automation systems. Compact Modular Reclosers will be installed, along with Remote Control Units, in order to automatically clear instantaneous and short duration faults.
26. **MPD Electric Cooperative** - \$286,045 - Increasing grid resilience in rural communities by upgrading existing single-phase electrical lines to either V-phase or three-phase configurations to improve the efficiency and reliability of the power distribution system.
27. **MPD Electric Cooperative** - \$720,043 - Replacing old or damaged utility poles with new poles to enhance reliability and safety and updating infrastructure to lower the System Average Interruption Duration Index (SAIDI) and Customer Average Interruption Duration Index (CAIDI) during normal and extreme events
28. **Orangeburg DPU** - \$689,721 - Implementing remote sensing solutions for vegetation; replacing transmission conductors and poles, insulators, static lines and other ancillary material; replacing older electrochemical recloser with a new electronic device.
29. **York Electric Cooperative** - \$539,956 - Changing existing Power-Line-Carrier (PLC) meters to Advanced Metering Infrastructure (AMI) census meters.
30. **York Electric Cooperative** - \$479,921 - Changing existing PLC meters to AMI census meters.
31. **York Electric Cooperative** - \$73,488 - Creating a Distribution Automation system between York Electric's substations.

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