Grid Resilience 40101(d) FY2023 Award Recipients

Award Entity	Summary of the Proposed Project
Large Utility	
Pacific Corp	Proposed to do 13 circuits, underground cable inspection and repairs along 600 miles of distribution line, and old substation upgrades that replace 4kV equipment with company standard 12.5kV equipment.
Small Utility	
Moon Lake Electric Association (URECA)	Two distribution line rebuilds (built in 1950s to 1960s) located within or near Ft. Duchesne Circle (1 mile) and South of Bottle Hollow (3 miles). Replacing aged poles, wires, hardware, lightning arrestors, etc. will significantly reduce the chance that these items will fail and result in a disruptive event.
Raft River Electric Cooperative (URECA)	Upgrading the protection devices on substation and distribution feeders: Park Valley Feeder, Kelton Feeder, Park Valley School, Muddy, Rosebud, Dove Creek, Coalt. Preventing fire as devices can be programmed to “lock out” on single operations with faster time-current curves, eliminates fire hazards during overcurrent interruption, greater protection to the electrical system, minimizing outage durations, and reducing outage response times as the equipment can be monitored and potentially operated remotely.
Empire Electric Association (URECA)	Underground approximately 2 miles of an existing 8A CWC overhead distribution feeder line, known as MU3, located in a forested area in the Manti La Sal National Forest. 30 services connected to this 2-mile line segment, end of the line segment. There are 698 services connected to the MU3 distribution line. This project is located in San Juan County, Utah, a disadvantaged community that has been identified to be in persistent poverty.

Manti City (UMPA)	The project calls for a new 46kV SF6 breaker, currently a fuse, and pertinent equipment at the point of interconnection with PacifiCorp. The current electrical configuration is without a breaker protecting Manti system creates a higher level of system disruptions onto the grid resulting in widespread outages at Manti and surrounding areas. With the area being rural, outages can last for many hours before a response by the grid operator.
Nephi City (UMPA)	New 138kV radial line (with existing 46kV line as redundancy) with substation upgrades. Hardening and redundancy of the system.
Washington City (UAMPS)	Nine 3-phase primary poles, 15 single phase poles, 3600' of conductor, and 13 overhead transformers. Hardening and redundancy of the system.
Brigham City (UAMPS)	45 poles will be replaced and lines will be reconducted to protect service to 800 meters, including single family homes, two trailer courts, and an area of low-income apartment housing. Main Street businesses' service will also courts, and an area of low-income. Hardening and redundancy of the system.
Fairview/Mt Pleasant (UAMPS)	Two line systems will be replaced with one robust, dual-circuit line on Class 2 poles. Hardening and redundancy of the system.
Price (UAMPS)	46 kV sub-transmission line 19 poles. Hardening and redundancy of the system.
Morgan City (UAMPS)	Underground a mile of affected line on State Street serving 1600 of its 4000 residential and commercial meters, including social services and a food pantry. Hardening of system

Small Utility Total Project Cost: $10,682,151
Large Utility Total Project Cost: $13,808,900
Total GRID Program Award: $12,970,902