

MGA MID-GRID 2.0 QUARTERLY MEETING

September 27 -28, 2023



Kansas Energy Office

- Two full-time staff
- Sits within the Public Utility Commission
- Only non-regulated division within the KCC
- Completely federal funded – U.S. Dept. of Energy
 - Annual State Energy Program (SEP) grant
 - One-time IIJA-SEP grant funds
 - Energy Efficiency Conservation Block Grant - Pending
 - Energy Efficiency Revolving Loan Fund - Pending
 - 40101(d) Grid Resilience
 - Contractor Training grant - ???
 - IRA Rebate grants - ???
 - Building Codes - ???

40101(d) Grid Resilience Grant

Kansas Award July 2023:

Two year allocation for Kansas:

- \$6,666,178 year 1 (FY22)
- \$6,646,948 year 2 (FY23)
- Total for first two years: \$13,313,126 federal allocation
- Total State match required: \$1,996,968
- Total for two years: \$15,310,094.90

40101(d) –Objective: Improve the resilience of the electric grid against disruptive events

Eligible Investments

- Adaptive protection technologies
- Advanced modeling technologies
- Fire-resistant technologies and fire prevention systems
- Hardening of power lines, facilities, substations, or other systems
- Monitoring and control technologies
- Relocation of power lines or reconductoring of power lines with low-sag, advanced conductors
- Replacement of old overhead conductors & underground cables
- Undergrounding of electrical equipment
- Use or construction of DERs for enhancing system adaptive capacity during disruptive events, including microgrids and battery-storage subcomponents
- Utility pole management
- Vegetation and fuel-load management
- Weatherization technologies and equipment

Note: Taken from National Energy Technology Laboratory Grant Kick-Off Meeting Power Point

40101(d) –Objective: Improve the resilience of the electric grid against disruptive events

Ineligible Investments

- Construction of a new electric generating facility
- Large-scale battery storage facilities not being used to supply electricity where needed during disruptive events
- Cybersecurity measures
- Note: Taken from National Energy Technology Laboratory Grant Kick-Off Meeting Power Point

DOE Objectives

- DOE's Objectives:
 - Improve the all hazards resilience of the electric grid against disruptive events.
 - Disruptive event is “an event in which operations of the electric grid are disrupted, preventively shut off, or cannot operate safely due to extreme weather, wildfire, or a natural disaster.
 - Investment in modernized grid infrastructure that can enable consumer access to lower-cost energy.
 - Accommodate increased electrification, renewables, and distributed systems.
 - Create good paying quality jobs.

Grid Resilience Formula Grants: Next Steps

- Notice of Funding for sub-grant applications; **ISSUED FRIDAY, SEPTEMBER 22, 2023. APPLICATION DEADLINE DECEMBER 29, 2023.**
- Project Management Plan Due 90 days after award. (October 3rd)
- Quarterly Progress Reports: Recipient Reporting & Project Reporting;
- Annual Program Metrics and Impact Report

Contact Information

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