

DOE BIL – PREVENTING OUTAGES AND ENHANCING THE RESILIENCE OF THE ELECTRIC GRID

Section 40101 of the Infrastructure Investment and Jobs Act (IIJA) has both a formula grant funding opportunity (called 40101(d)) and a competitive grant funding opportunity (40101(c)). Other relevant IIJA funding opportunities, specifically **40103 Program Upgrading Our Electric Grid and Ensuring Reliability and Resiliency** and **40107 Smart Grid Investment Matching Grant Program** should be reviewed and considered when planning what projects may be appropriate for 40101 funding, and how all funding opportunities work together strategically to support goals.

Objective: The objective of these 40101 programs is to improve the resilience of the electric grid against disruptive events by making grants to States and Tribes, who can then allocate sub-grants to eligible entities.

40101(d) Formula Grant Funding:

- \$2.5 Billion for 5 years FY22-FY26
- MN allocation \$6,058,080 annually (Tribal allocations total another \$654,320)
 - Grantee (State or Tribe) Cost-share requirement 15%
 - Sub-awardee (Sub-grantee) Cost-Share requirement – 100%
 - Exception: if the eligible entity sells not more than 4,000,000 megawatt hours of electricity per year, the required match will be 33% of the sub-award.

40101(c) Competitive Grant Funding:

- \$2.5 Billion for 5 years FY22-FY26
- Grantee Cost-share requirement 100%
 - Exception: if the eligible entity sells not more than 4,000,000 megawatt hours of electricity per year, the required match will be 33% of the sub-award.

Grant Term: 5 years, with 5-year extension possibilities, until expended, up until 10 years

Applicant Eligibility: 40101(d) State and Tribal Governments);

“Eligible Entities” – **eligible as sub-award grantees for 40101(d) or as direct Grantees under 40101(c):** an electric grid operator, an electricity storage operator, an electricity generator, a transmission owner or operator, a distribution provider, a fuel supplier, and any other relevant entity (as determined by the DOE Secretary).

Eligible Resilience measures include: resilience measures intended to mitigate the impact of disruptive events, including:

1. weatherization technologies and equipment;
2. fire-resistant technologies and fire prevention systems;
3. monitoring and control technologies;
4. the undergrounding of electrical equipment;
5. utility pole management;
6. the relocation of power lines or the reconductoring of power lines with low-sag, advanced conductors;

7. vegetation and fuel-load management;
8. the use or construction of distributed energy resources for enhancing system adaptive capacity during disruptive events, including:
 - a) microgrids; and
 - b) battery-storage subcomponents;
9. adaptive protection technologies;
10. advanced modeling technologies;
11. hardening of power lines, facilities, substations, of other systems; and
12. the replacement of old overhead conductors and underground cables.

Funding may also be used for training, recruitment, retention, and reskilling of skilled and properly credentialed workers in order to perform the work required for the particular resilience measures listed above and described by the State or Indian Tribe in their Program Narrative.