



Application Questions for Preventing Outages and Enhancing the Resilience of the Electric Grid Grant

Updated January 2024

Application Questions

1. Applicants must provide a detailed project description
2. Applicants should include a narrative regarding how the proposed project will improve the resilience of the electric grid against disruptive events
3. Please identify the Project Manager and key personnel/ their roles on the project team.
4. Has this project previously received federal funding? If so, what has been your history of experience with project/ and or grant management?
5. Applicants must describe any non-financial challenges that may impact the ability to successfully complete the proposed project. If challenges do not exist, an applicant must indicate this.
6. Applicants must describe the proposed project's milestones. Milestone activities must fall within the grant performance period.
7. What is the current phase of the project?
8. What is the estimated start date for this project? What is the estimated completion date for this project?
9. Number of new full-time equivalent (FTE) jobs created in-state to operate and maintain grid resilience projects.
10. Number of temporary jobs created in-state to operate and maintain grid resilience projects.
11. Number of apprenticeships or vocational opportunities created for members of disadvantaged communities during implementation, construction, operations, or maintenance of energy resilience projects.
12. What activities and services will be provided to meet the intended purposes of these funds?
13. To what extent will this project plan to utilize project labor agreements, local hire agreements, and/or has or will develop a plan to attract, train, and retain a local workforce including minority/women owned businesses?
14. What is the expected benefit or outcome of this project? What is the methodology by which this outcome will be measured?
15. Applicants must describe the primary goal of the proposed project and how the expenditures support the improvement of the resilience of the electric grid against disruptive events.
16. Average retail electric rate for residential customers.
17. Typical monthly electric bill for residential customers for 500kWh.
18. Typical monthly electric bill as a percentage of community (census tract) median household income.
19. How many individuals are expected to be served?
20. Does this project serve disadvantaged communities? If so, how many?
21. Project energy resilience improvements designed to account for future conditions and energy need
22. Application data sources, assumptions, and models cited/used to measure future climate risk and vulnerability.



23. The System Average Interruption Frequency Index (SAIFI), which equals how often the average Florida electricity customer experiences an interruption. Project effectiveness to reduce future risk to disruptive events (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). The System Average Interruption Frequency Index (SAIFI), which equals how often the average Florida electricity customer experiences an interruption. To calculate: $SAIFI = \frac{\text{Total number of customers interrupted}}{\text{total number of customers served}}$.
24. The System Average Interruption Duration Index (SAIDI), which equals the total number of minutes (or hours) the average Floridian electricity customer experiences an interruption. To calculate: $SAIDI = \frac{\text{Sum of customer interruption durations}}{\text{total number of customers served}}$.
25. The Customer Average Interruption Duration Index (CAIDI), which equals the average time required to restore service to Florida electricity customers. To calculate: $CAIDI = \frac{\text{Sum of customer interruption durations}}{\text{total number of customers interrupted}}$.
26. Amount of Nonrecurring Federal funds Requested: \$
27. Total Project Cost: \$
28. Do you understand that there is a federal match requirement for all awarded projects under this grant?
29. Describe how the outreach strategy benefits the community and supporting activities for this project.
30. Partnerships (e.g., private, state, local) that will ensure the project meets community needs and an explanation on the anticipated outcome of those partnerships (e.g., leveraging resources such as financial, material, and educational resources, coordinating multi-jurisdiction projects).