

# Resilience Project Subaward/Subcontract Notification

IIJA Section 40101(d) – ALRD-0002736

Grid Resilience Formula Grants to States and Indian Tribes

DOE Project Officer:

## I. Recipient Information

Recipient Name:

Recipient Award Number:

State/Indian Tribe:

Recipient State:

Technical Project Manager Name:

Technical Project Manager Email:

Technical Project Manager Phone:

Business POC Name:

Business POC Email:

Business POC Phone:

## II. Resilience Project Subaward/Subcontract Information Subaward/

Subaward/Subcontract Name:

Subaward/Subcontract Project Manager:

Total Subaward Value:

Total Federal Amount

Total Subaward Cost Match:

Subaward Cost Match Percentage:

Number of customers (i.e. meters) served by the entity performing the project:

Project County/Counties:

Brief description of the project:

Explanation of how the proposed resilience project addresses the community and grid resilience objectives described in the Program Narrative and how it will reduce the likelihood and consequences of disruptive grid events (i.e., events 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).

### III. Resilience Project Subaward/Subcontract Notification Documentation

#### A. Subaward/Subcontract Eligibility:

- i. Is an application being submitted under IIJA Section 40101(c), FOA 2740 (GRIP)?

Yes [ ]                  No [ ]

If Yes, please describe the differences between 40101(d) and 40101(c) applications:

- ii. Is the Subaward/Subcontract recipient an eligible entity type identified in IIJA section 40101(a)(2) (check one):

an electric grid operator  
an electricity storage operator  
an electricity generator  
a transmission owner or operator  
a distribution provider  
a fuel supplier  
Other – Requesting Secretary approval. Explain below:

Yes [ ]                  No [ ]

Utility Type:

- iii. Cost Matching: Each State and Indian Tribe is required to match 15 percent of the amount of each grant provided to the State or Indian Tribe under the Program. Further, an eligible entity that receives a subaward under this program is required to match the amount awarded according to the amount of electricity sold in a year. See Section III. B: Cost Matching 40101(d)(8) for a detailed description. Does the eligible entity sell more than 4,000,000 megawatt hours of electricity per year? Add amount below:

(i) Yes – 100% cost match is required:

(ii) No – 1/3 cost match is required:

(iii) Number of megawatt hours of electricity sold by Eligible Entity:

(iv) Data source:

*An acceptable data source for verifying electricity sales is [https://www.eia.gov/electricity/sales\\_revenue\\_price/xls/table10.xlsx](https://www.eia.gov/electricity/sales_revenue_price/xls/table10.xlsx)*

Additional information can be provided below:

- iv. Has the Subaward/Subcontract recipient been debarred or is a suspended entity?

Yes [ ]              No [ ]

If Yes, please explain below:

- v. Confirmation that the Subaward/Subcontract recipient will pay all of the laborers and mechanics performing construction, alteration, or repair work in excess of \$2,000 on projects funded directly by or assisted in whole or in part by and through funding under the award, wages at rates not less than those prevailing on projects of a character similar in the locality as determined by subchapter IV of Chapter 1 of Title 40, United State Code commonly referred to as the "Davis-Bacon Act" (DBA).

Yes [ ]              No [ ]

If No, please explain below:

- vi. Are there any known foreign nationals participating in the proposed project?  
(Refer to the Foreign National Participation section in the Terms and Conditions of the Assistance Agreement for guidance.)

Yes                  No

If Yes, please explain below:

- vii. Has the Buy American (BABA) Requirement been followed as defined in the Terms and Conditions of the Assistance Agreement?

Yes                  No

If No, please explain below:

- viii. Are the proposed subrecipient/subcontractor and second-tier subcontractors Domestic Entities as defined in the Terms and Conditions of the Assistance Agreement (The Transparency of Foreign Connections section).

Yes                  No

If No, please explain below:

**B. Subaward/Subcontract Solicitation Process and Compliance:**

- i. Does the process undertaken to solicit the subaward/subcontract comply with the recipient's written procurement procedures as outlined in 2 CFR 200.318?

Yes [ ]

No [ ]

- ii. Is the proposed work to be done an eligible activity identified in IJJA Section 40101(e)(1), also listed below? (Check all that apply) Please see Section I.C of the ALRD.

Weatherization technologies and equipment	Vegetation and fuel-load management
Fire-resistant technologies and fire prevention systems	The use or construction of distributed energy resources for enhancing system adaptive capacity during disruptive events, including microgrids and battery-storage subcomponents
Monitoring and control technologies	Adaptive protection technologies
The undergrounding of electrical equipment	Advanced modeling technologies
Utility pole management	Hardening of power lines, facilities, substations, of other systems
The relocation of power lines or the reconductoring of power lines with low-sag, advanced conductors	The replacement of old overhead conductors and underground cables

Yes [ ]

No [ ]

If no, please explain below:

- (i) Does the proposed effort include a component for the training, recruitment, retention, and reskilling of skilled and properly credentialed workers?

Yes [ ]                      No [ ]

If yes, please explain below:

- iii. Is the proposed subaward effort consistent with the Program Narrative provided to DOE?

Yes [ ]                      No [ ]

- iv. Does the recipient acknowledge that the primary purpose of the proposed project is not cybersecurity but that the implementation of the proposed project will adhere to any applicable cybersecurity requirements, and where possible, best practices in deploying technologies under their subaward?

- v. Yes [ ]                      No [ ]

Provide a brief description below:

- v. Is there any planned, actual or apparent conflict of interest that exists between the Recipient and the selected subawardee/subcontractor and will the Recipient's written standards of conduct be followed?

Yes [ ]      No [ ]

If Yes, please explain below:

- vi. Is the subaward/subcontracts a Small Utility as defined by the Small Utilities Set Aside requirement set forth in Section 40101(d)(6) of IIJA?

Yes [ ]      No [ ]

If yes, explain how the eligible entity meets the definition of a Small Utility:

- vii. Will all required award provisions be flowed down in the resulting subaward/subcontract?

Yes [ ]      No [ ]



**C.** Please ensure that the following documentation is provided:

- i. SF-424A Budget Information form and Budget Justification for all resilience project subawards;  
Yes [ ]                      No [ ]
- ii. a completed Environmental Questionnaire covering the subaward activity;  
Yes [ ]                      No [ ]
- iii. cost match commitment letter from the eligible entity committing to meet the cost matching as required in IIJA Section 40101(h);  
Yes [ ]                      No [ ]
- iv. the proposed metrics that will be collected and reported in the Quarterly Progress Report to measure and demonstrate the beneficial impact of the resilience project on the resilience of the grid and to the community served (can use Appendix A of this document to satisfy this requirement);  
Yes [ ]                      No [ ]
- v. Performance of Work in the United States waiver (if applicable);  
Yes [ ]                      No [ ]
- vi. Buy America for Infrastructure Projects waiver (if applicable);  
Yes [ ]                      No [ ]
- vii. Listing of Foreign Nationals for subrecipients/eligible entities and technical assistance contractors in accordance with the Foreign National Participation.  
Yes [ ]                      No [ ]

---

Technical Project Manager

---

Date

^ check as you attach files to send OED, point of contact of entity will need to sign

## **Appendix A: Project Build and Resilience Impact Metrics**

Note: Check the build and resilience impact metrics that will be collected for the proposed resilience project and reported in the Quarterly Progress Report. In addition to the build and resilience impact metrics identified below, the Annual Program Metrics and Impact Report will further capture benefits that communities realize through the program. Information collected in the annual report will include communities affected by specific projects, avoided outages and reduced restoration time because of projects, community and labor engagement; workforce and community agreements, collective bargaining agreements and project labor agreements, investments in job quality and skilled workforce; diversity, equity, inclusion and accessibility; and Justice40 benefits. The annual reporting template is available here [Section 40101\(d\) Formula Grants to States & Indian Tribes | netl.doe.gov](#) or is available upon request from the DOE Project Officer. Refer to the Attachment 3- Reporting Requirements of the Terms and Conditions of the Grant Agreement for the Annual Program Metrics and Impact Report.

**Table 1: Build Metrics**

Miles of new distribution lines	< required to select which category you will be tracking through out your project life cycle. What you selected will be used on your Quarterly and Annual report sheet
Miles of distribution lines undergrounded	
Miles of distribution lines of vegetation clearing	
Miles of distribution lines reconducted	
Miles of distribution lines with other upgrades	
Number of distribution poles inspected	
Number of distribution poles replaced	
Number of distribution poles with other upgrades	
Miles of new transmission lines	
Miles of transmission lines undergrounded	
Miles of transmission lines of vegetation clearing	
Miles of transmission lines reconducted	
Miles of transmission lines with other upgrades	
Number of transmission structures inspected	
Number of transmission structures replaced	
Number of transmission structures with other upgrades	
Number of substations relocated	
Number of substations with added physical protection	
Number of substations with added sensors/monitors	
Number of substations with elevated equipment	
Number of substations with upgraded equipment	
Number of substations with other upgrades	
Number of substations with redundant equipment	
Number of fault location, Isolation and service restoration (FLISR) devices installed	
Number of other monitoring/metering devices installed	
Number of other protection or control devices installed	
Power Rating of battery system installed (MW)	
Energy rating of battery installed (MWh)	
Power rating of mobile back up generation unit (MW)	
Voltage rating of mobile substation (kV)	
Voltage rating of mobile transformers (kV)	
Capacity rating of hardened generation (MW) - photovoltaics	
Capacity rating of hardened generation (MW) - wind	
Capacity rating of hardened generation (MW) - diesel	
Capacity rating of hardened generation (MW) - natural gas	
Capacity rating of hardened generation (MW) - coal	
Percent increased energy storage capacity in reserve fuel -diesel	
Percent increased energy storage capacity in reserve fuel -propane	
Percent increased energy storage capacity in reserve fuel -gasoline	
Number of transportation assets purchased to assist with power restoration	
Number of communications assets purchased to assist with power restoration	
Number of other assets purchased to assist with power restoration	
Percentage of system migrated into new software system	
Percentage increase in pole inventory	
Percentage increase in transformer inventory	
Percentage increase in equipment inventory	

Other

**Table 2: Impact Metrics**

Largest outage cause	< required to select which category you will be tracking through out your project life cycle.
Number of outages	
Hours to repair outages	What you selected will be used on your
System Average Interruption Duration Index (SAIDI)	Quarterly and Annual report sheet
Customer Average Interruption Duration Index (CAIDI)	
System Average Interruption Frequency Index (SAIFI)	
Number of individual customers with more than 5 interruptions	
Number of individual customer outages that extend beyond 24 hours	
Number of critical services with outages that extend beyond 24 hours	
Hours of unmet Load	
Outage Recovery Cost (\$)	
Hours line loading exceeded normal rating	
Average hours to restore 50% of customers	
Average hours to restore 90% of customers	
Average hours to restore 100% of customers	
Number of residential customers benefitted by project	
Number of commercial customers benefitted by project	
Number of industrial customers benefitted by project	
Number of customers that provide community services/emergency centers benefitted by project	
Number of customers that provide communication services benefitted by project	
Number of customers that provide energy supply benefitted by project	
Number of customers that provide transportation services benefitted by project	
Number of customers that provide water services benefitted by project	
Number of customers that provide food services benefitted by project	

Other

**Table 3: Outage Type**

Total	< required to select at least 1
Vegetation	
Animal	
Vehicle	
Tornado	
Thunderstorm	
Hurricane	
Derecho	
Flooding	
Wildfire	
Earthquake	
Ice/Snow Storm	
Operator Error	
Equipment Failure	
Extreme Heat	
Extreme Cold	
Other Storm	

Other