

DE-FOA-0002736

*BIL40101(d) – PREVENTING OUTAGES AND ENHANCING THE RESILIENCE
OF THE ELECTRIC GRID FORMULA GRANTS TO STATES AND INDIAN TRIBES*



Award Kickoff Meeting

1/3/24



DE-FOA-0002736 Award Kickoff Meeting



Agenda

1. Introductions and Program Overview

- Meet your Federal Project Officer (FPO) and the DOE Team.

2. BIL40101(d) Overview

- Review Grant Performance and Administration Requirements.

3. Award Administration

- Award Scope, Award Schedule, Spending for Upcoming Activities
- Subaward

4. Reporting Overview and Guidance

- PMP/QPR, Annual Metrics

5. Resources and Next Steps

6. Questions

Federal Project Officer (FPO) Team



Bob Reed



Rob Gross



Lucas Greza



Amie Heath



Phuong Nguyen



Brittany Rehe



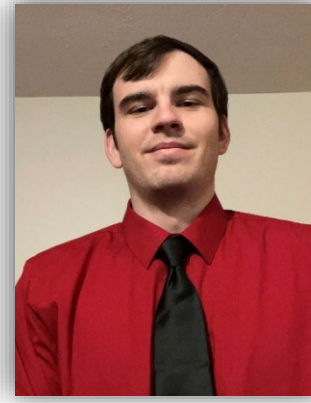
Megan Yachini



Ryan Moore



Virginia Chambers



Josh Metz



Alex Salter

Your FPO is identified in block 15 of the Assistance Agreement Cover Page as the 'Program Manager'.

DOE Structure and Project Roles



NATIONAL
ENERGY
TECHNOLOGY
LABORATORY



U.S. DEPARTMENT OF
ENERGY

MISSION

Driving innovation and delivering solutions for an environmentally sustainable and prosperous energy future:

- Ensuring affordable, abundant and reliable energy that drives a robust economy and national security, while
- Developing technologies to manage carbon across the full life cycle, and
- Enabling Environmental Sustainability for all Americans.

VISION

To be the nation's premier energy technology laboratory, delivering integrated solutions to enable transformation to a sustainable energy future.



U.S. DEPARTMENT OF
ENERGY



NATIONAL
ENERGY
TECHNOLOGY
LABORATORY

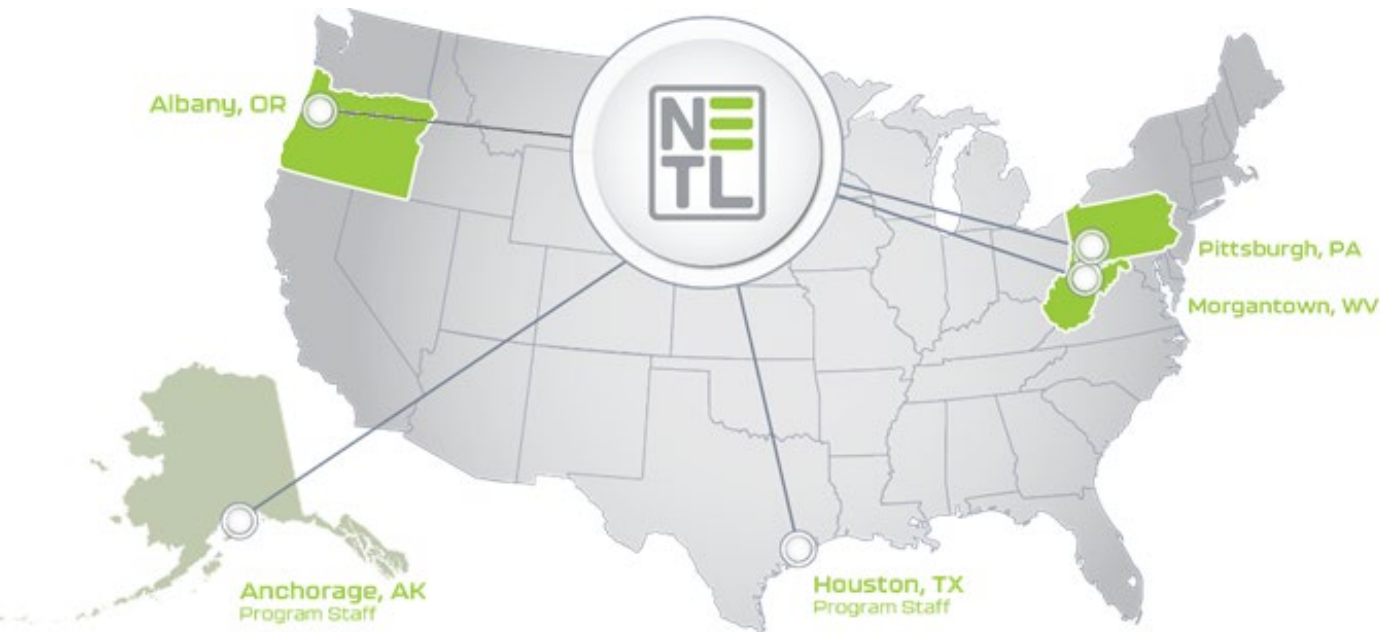
NETL Overview

Snapshot



3 RESEARCH LABS & 2 STRATEGIC OFFICES

- One of 17 DOE national laboratories
- Only Government owned & operated
- **1,000+** R&D projects in 50 states



ENERGY DELIVERY & SECURITY TEAM (EDST):

Grid Deployment Office (GDO)

- Transmission Division
- Grid Modernization
- Generation Credits Division

Office of Electricity (OE)

- Advanced Grid Research and Development (AGR&D)
- Electricity Delivery Cybersecurity Research and Development

Office of Cybersecurity, Energy Security, & Emergency Response (CESER)

- Risk Management Tools and Technologies (RMT)
- Preparedness, Policy, and Risk Analysis (PPRA)
- Response and Restoration
- Office of Petroleum Reserves

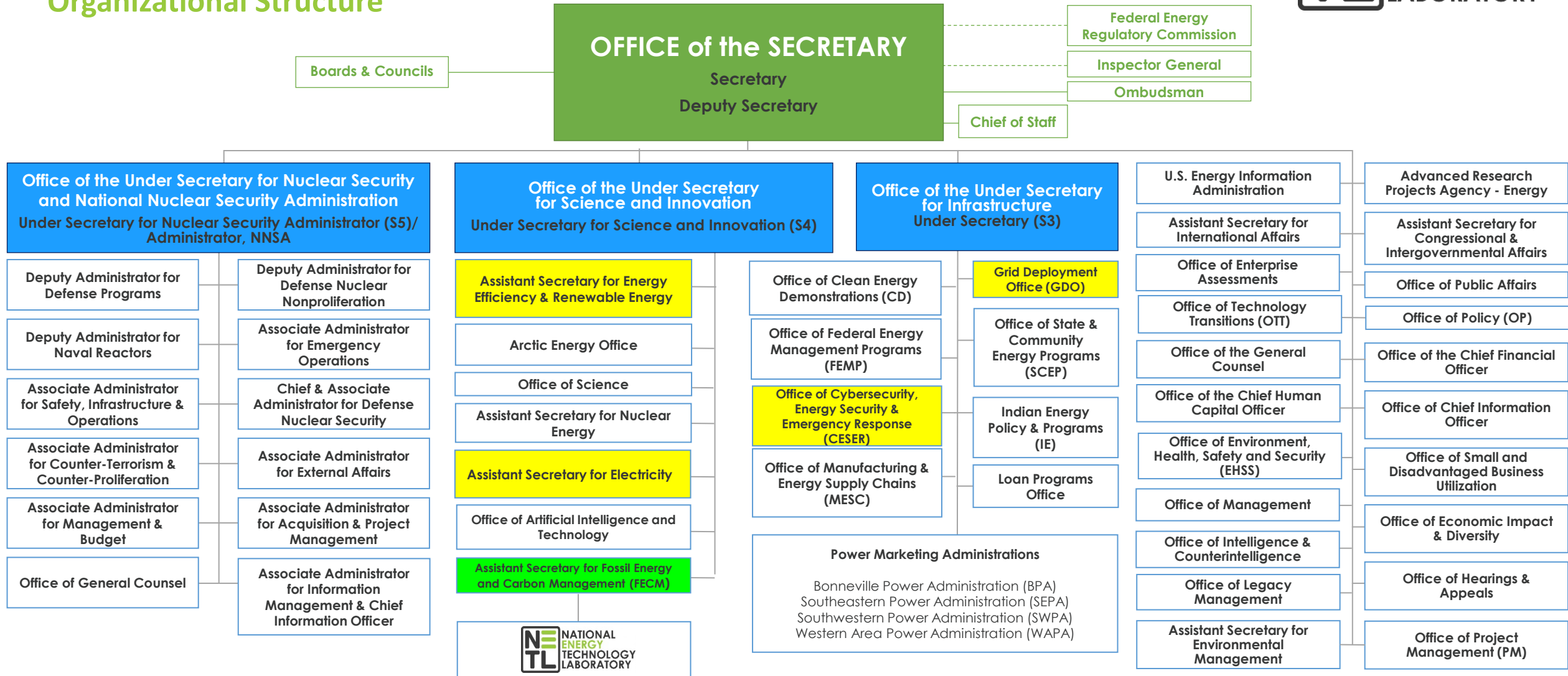
<https://www.energy.gov/oe/mission>

<https://www.energy.gov/ceser/ceser-mission>

<https://www.energy.gov/gdo/grid-deployment-office>

Department of Energy

Organizational Structure



Grid Deployment Office (GDO)



Mission Statement: The Grid Deployment Office (GDO) works to provide electricity to everyone, everywhere by maintaining and investing in critical generation facilities to ensure resource adequacy and improving and expanding transmission and distribution systems to ensure all communities have access to reliable, affordable electricity.

Generation Credits Division

The Generation Credits Division works with existing generation facilities to ensure resilience and reliability and works to improve electricity markets at the wholesale and distribution level.

Transmission Division

The Transmission Division supports innovative efforts in transmission reliability and clean energy analysis and programs, and energy infrastructure and risk analysis in support of the Administration's priorities to enhance grid resilience.

Grid Modernization Division

The Grid Modernization Division oversees activities that prevent outages and enhance the resilience of the electric grid.

Federal Roles and Responsibilities

<p>Federal Project Officer (Program Manager)</p>	<ul style="list-style-type: none"> Monitors performance and provides technical oversight of approved scope, budget, and schedule. Serves as DOE technical representative to the Contracting Officer (CO). 	<p>Identified in Assistance Agreement</p>
<p>Contract Specialist (CS) (Award Administrator)</p>	<ul style="list-style-type: none"> Administers the business and financial aspects of the Agreement to ensure indirect costs, cost match, reporting, etc., are in compliance with award terms and conditions and federal regulations. 	<p>Identified in Assistance Agreement</p>
<p>Contracting Officer (CO)</p>	<ul style="list-style-type: none"> Is the only person authorized to obligate the government to any contractual agreement and/or to approve changes to the Agreement (e.g., scope, budget, schedule, etc.). 	<p>Identified in Assistance Agreement</p>

NETL versus Recipient Roles and Responsibilities*



Recipient	NETL
Assign Principal Investigator (aka - Technical Project Manager) and Business Point of Contact.	Assign a Contracting Officer, Contract Specialist (aka - Award Administrator), and Federal Project Officer.
Receive the Award and manage subawards as needed.	Award the Award Agreement to the Recipient, and as needed approve any subsequent subawards.
Manage project(s) and perform SOPO tasks.	Manage and administer Agreement.
Notify DOE of proposed resilience projects and subawards.	Notify recipient of acceptance of notification of proposed resilience projects and subawards.
Manage project team members.	
Manage project against planned schedule and budget.	Monitor performance against Agreement requirements.
Create deliverables.	Determine acceptability of deliverables.

**Not all inclusive.*

BIL40101(d) Overview



NATIONAL
ENERGY
TECHNOLOGY
LABORATORY



U.S. DEPARTMENT OF
ENERGY

BIL40101(d) - DE-FOA-0002736

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



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

Federal Acquisitions and Assistance

- This award is financial assistance.
 - Financial assistance is used for the transfer of value from a federal agency to a Recipient to carry out a public purpose of support or stimulation authorized by a US law.
 - This award is a **Grant**.
- This award is not a contract.
 - A contract is used for the acquisition of property or services for the direct benefit or use of the federal government.
- **The State* or Indian Tribe is the grant Recipient.**
 - The organization, individual, or other entity that receives an award and is responsible for carrying out the terms and conditions of the award.
- **Indian tribes and other Tribal applicants needing assistance or additional information may contact the DOE Grid Deployment Office at GDOTribalAssistance@hq.doe.gov.**

* "State" includes States, U.S. Territories, and the District of Columbia

Federal Acquisitions and Assistance Cont.

- **Period of Performance** – 5 Years (initially)
- **Total Project Amount** – See Block 12 of your Assistance Agreement Cover Page

Cost Match Requirements	
State/Tribes	15% of Federal Allocation
Subawardee *Selling more than 4M MWh per year	100% of Subaward Value
Subawardee *Selling 4M MWh or less per year	1/3 of Subaward Value

- **Administrative and Technical Assistance:**
 - Up to 5% of federal funding can be used for technical assistance and program administration.
 - The 15% cost match can also be used for technical assistance and program administration.

Small Utilities Set Aside

40101(d)(6)

- A State or Indian Tribe receiving a grant under the program shall ensure that, of the amounts made available to eligible entities, the percentage made available to eligible entities that sell not more than 4,000,000 megawatt hours of electricity per year is not less than the percentage of all customers in the State or Indian Tribe that are served by those eligible entities.
- See BIL40101(d) Subsection 6.
- If the eligible utility is not listed on the below website, another data source is acceptable if it contains relevant, recent, and complete data. If no data source is available, please have the utility submit a formal letter certifying the electricity sales to qualify.
- **Note:** Website for Utility Sales (as of 2022)
 - https://www.eia.gov/electricity/sales_revenue_price/pdf/table_10.pdf

Exiting Application Phase

Entering Post-Award Phase:

- Begin Technical Assistance & Administration
- Identify Resilience Projects
- Initiate Reporting Requirements

Assistance Agreement Documents

Award Documents

- Assistance Agreement Documents are accessed through FedConnect
- Award Documents
 - Assistance Agreement
 - Terms and Conditions
- Attachments
 - Intellectual Property Provisions
 - Statement of Project Objectives (SOPQ)
 - Federal Assistance Reporting Checklist


Federal Reporting Checklist

Reporting Requirements

Frequency

Submission Method

Instructions



U.S. DEPARTMENT OF ENERGY

Federal Assistance Reporting Checklist

Attachment 3

1. Award Number: DE-GDXXXXXXX	2. Program/Project Title: BIL – Preventing Outages and Enhancing the Resilience of the Electric Grid, Formula Grants to States and Indian Tribes
3. Recipient: XXXXXXXX	
4. Reporting Requirements (see also the Special Instructions)	Frequency
	Addresses

I. Project Management Reporting:

I. Other

SOPO Deliverables

All deliverables identified in the Statement of Project Objectives (SOPO) must be submitted to the address identified in the SOPO deliverables table.

Quarterly Progress Reports (QPR)

Submit to:	https://www.eere-pmc.energy.gov/SubmitReports.aspx
First QPR Submission Deadline:	Due within 30 calendar days after the end of the first full quarterly reporting period following the issuance of the award.
Submission Deadline for Subsequent QPRs:	Within 30 calendar days after the end of the quarterly reporting period (January 30, April 30, July 30, October 30)
Template and Instructions	Section 40101(d) Formula Grants to States & Indian Tribes netl.doe.gov

The QPR template utilizes the same template document as the Project Management Plan (PMP). The Recipient will use the QPR to report the progress made from the baseline information set forth in the PMP. The final report shall reflect any final close-out activities, costs, payments and reimbursements that occurred following the submission of the QPR for the last reporting period of the Period of Performance.

Annual Program Metrics and Impact Report

Submit to:	https://www.eere-pmc.energy.gov/SubmitReports.aspx
Submission deadline:	Within 30 calendar days after the end of the annual reporting period (i.e., October 30). The reporting period is the Federal fiscal year (i.e., October 1 – September 30).

The Annual Program Metrics and Impact Report will capture benefits that communities realize through the program. Information collected 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.

FREQUENCY CODES AND DUE DATES:

A5 – As Specified or within five (5) calendar days after the event.

F – Final; within 120 calendar days after expiration or termination of the award.

O – Other: See instructions for further details.

P – Post-project (after the period of performance); within five (5) calendar days after the event, or as specified.

Q – Quarterly; within 30 calendar days after the end of the federal fiscal year quarter.

S – Semiannually; within 30 days after end of the reporting period.

Y – Yearly; within 90 calendar days after the end of the federal fiscal year.

Y180 – Yearly; within 180 calendar days after the close of the recipient’s fiscal year.

Addresses
A. EERE PMC
B. EERE PMC
C. EERE PMC
D.1. OSTI E-Link
D.2. OSTI E-Link
D.3. OSTI E-Link
D.4. DOE CODE
D.5. OSTI E-Link Datasets
D.6. OSTI E-Link
E.1. iEdison
E.2. iEdison
F. EERE PMC
G. EERE PMC
H. EERE PMC
I. See Special Instructions

Annual Allocation Request

Submit to:	https://www.eere-pmc.energy.gov/SubmitReports.aspx identified in Block 15 and the DOE Award Administrator in the Award Agreement
Submission deadline:	Within 90 calendar days after issuance of the ALRD D amendment publicizing the Annual Allocations.
Content and Information	See the "Annual Allocation Request" provision in the Sp

Subaward Process



BEFORE YOU MAY PROCEED
WITH A RESILIENCE PROJECT...

Resilience Project Subaward/Subcontract Process



Next Steps

- Once an award Recipient has identified a project or projects and subawardee(s), the DOE Contracting Officer (CO) and Federal Project Officer (FPO) **MUST BE NOTIFIED** in writing prior to execution of any project work in accordance with the Resilience Project and Subaward/Subcontract Notification process located in the Assistance Agreement Terms and Conditions.
- The Recipient is responsible for awarding and/or modifying subaward/subcontracts but **may not proceed with the resilience project and/or subaward/subcontract until DOE Officials determine, and provide the Recipient written notification, that the information provided is adequate.**
- Any project work completed ***WITHOUT*** DOE notification is at risk of being deemed unallowable and not reimbursable.

Subaward/Subcontract Notification Package



- A Resilience Project Subaward/Subcontract Notification Package must be submitted for **all resilience project subawards** and any other subaward **over \$250,000** (i.e., TA more than \$250,000).
- The proposed project schedule should **allow for varying time** for DOE officials to review your Subaward/Subcontract Notification Package and request additional information or consultation prior to approval.

Submission Requirements:

- Subaward/Subcontract Notification Form (available at <https://netl.doe.gov/bilhub/grid-resilience/formula-grants/post-award-documents>)
- Environmental Questionnaire
- Signed Cost Match Commitment Letter (which includes the cost match value/kind)
- Detailed Budgetary Information (SF-424A and Budget Justification documents)

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/Subcontract Name:

Subaward/Subcontract Project Manager:

Total Subaward Value:

Total Subaward Cost Match:

Subaward Cost Match Percentage:

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

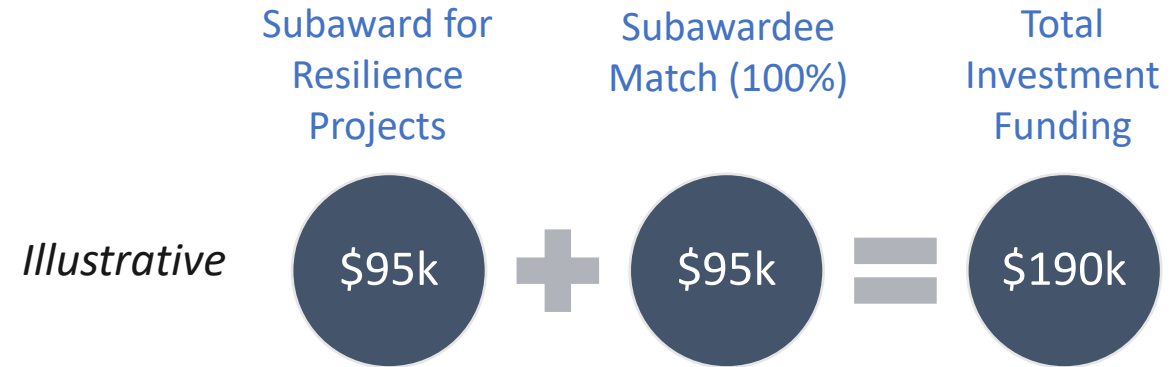
Subaward

Eligible Entities and Cost Match

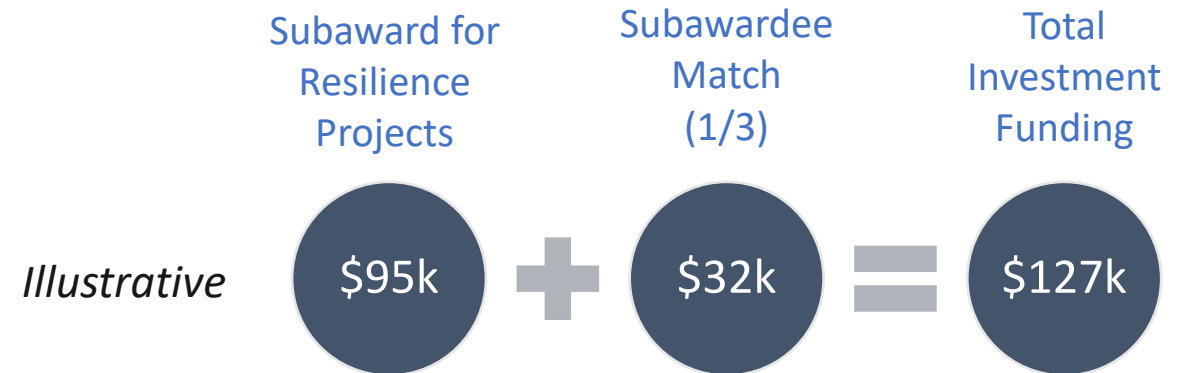
Eligible Entities

- Electric grid operator;
 - Electricity storage operator;
 - Electricity generator;
 - Transmission owner or operator;
 - Distribution provider;
 - Fuel supplier; and
 - Any other relevant entity, as determined by the Secretary (of DOE).
-
- Any eligible entity that sells >4,000,000 MWh of electricity per year must match 100% of the amount of the subaward value.
 - However, if the eligible entity sells ≤4,000,000 MWh of electricity per year, the required match will be 1/3 of the amount of the subaward value.

Eligible Entity >4,000,000 MWh of electricity per year:



Eligible Entity ≤4,000,000 MWh of electricity per year:



Secretary Designation - Eligible Entity



Designation of an Eligible Entity

- If the proposed entity is not an “eligible entity” as defined in BIL 40101(a)(2), or if you are unsure, the Recipient may request the Secretary to designate the proposed entity as an eligible entity.
 - Approval of eligible entities is not an automatic process, but at the discretion of the Secretary.
- The request should be made through your DOE FPO. Request template: <https://netl.doe.gov/bilhub/grid-resilience/formula-grants/post-award-documents>
- The appropriate cost match will be determined by the type of eligible entity being proposed during the secretarial designation process.

Reporting Overview and Guidance

Major Reporting Requirements



- **Project Management Plan (PMP):** Due 90 days after the effective award date
 - Revised PMPs are due within grant years as a result of major project plan changes.
- **Quarterly Progress Reports (QPR):** Due 30 days after the end of each Quarter (first QPR due 30 days after the first full quarter of performance)
 - Recipient Reporting
 - Project Reporting
- **Annual Program Metrics and Impact Report:** Due 30 days after reporting year (October 1 – September 30)
- Other reporting requirements (such as the Demographic Reporting) as identified by the Reporting Requirements Checklist contained in the Assistance Agreement (Attachment 3).

EERE-PMC Portal

Document and Report Submission



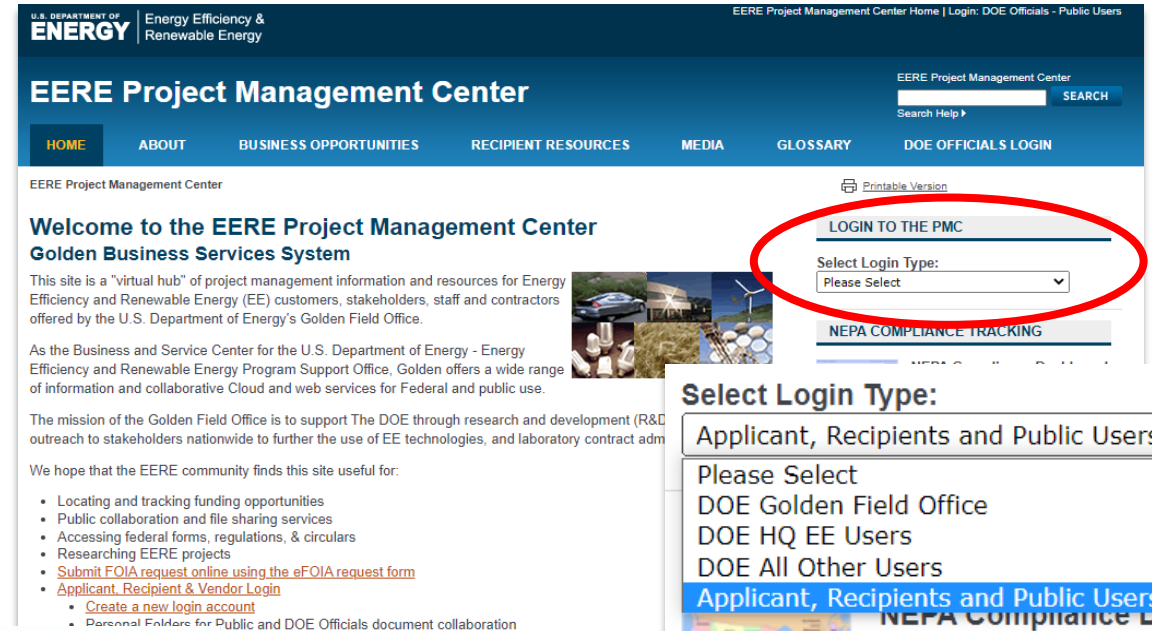
<https://www.eere-pmc.energy.gov/Default.aspx>

Step 1: Create Recipient/Applicant Login
[Instructions for Creating Account](#)

Step 2: Submit and archive all recipient reports and documentation over the life of the project.
[Instructions for Uploading Reports](#)

For help with the EERE-PMC Portal:
ITSIHelp@ee.doe.gov

Demographic Questionnaire



Question	Values
Gender (select one):	<input type="radio"/> Male <input checked="" type="radio"/> Female <input type="radio"/> Do not wish to provide
Ethnicity (select one):	<input type="radio"/> Hispanic or Latina/o <input type="radio"/> Not-Hispanic or not-Latina/o <input checked="" type="radio"/> Do not wish to provide
Race (select one or more):	<input type="checkbox"/> American Indian or Alaska Native <input type="checkbox"/> Asian <input type="checkbox"/> Black or African American <input type="checkbox"/> Native Hawaiian or other Pacific Islander <input type="checkbox"/> White <input checked="" type="checkbox"/> Do not wish to provide
Disability (select one):	<input type="radio"/> Yes (check yes if any of the following apply to you) <ul style="list-style-type: none">Deaf or serious difficulty hearingBlind or serious difficulty seeing even when wearing glassesSerious difficulty walking or climbing stairsOther serious disability related to a physical, mental, or emotional condition. <input type="radio"/> No <input checked="" type="radio"/> Do not wish to provide

Note: This construct is not designed to be used at an individual-level (i.e., it should not be used for determining accommodation needs or disability status for particular individuals associated with the project).

Enter Email and Password

Internet Explorer 9.0 or higher is required

Email:

Password:

Login

[Request Password](#) [Change Password](#) [Create New Account](#) [Multifactor Authentication Guide \(PDF\)](#)

Reporting Resources

NETL Post-Award Resource Page

v Project Management Reporting Documents

ALL PROJECT MANAGEMENT REPORTING DOCUMENTS SHOULD BE SUBMITTED TO THE [EERE-PMC PORTAL](#)

Use these documents to comply with quarterly and annual reporting requirements associated with your award.

Reporting Document Type	Link to Report	Information/References	Due Dates
Financial Report (SF-425) The Financial Report is used by recipients to submit reports on their grant's financial progress.	Financial Report (SF-425)		Quarterly & Final
Project Management Plan (PMP)/ Quarterly Progress Report The Project Management Plan is used by recipients to report on the progress of their projects.	Project Management Plan (PMP)/Quarterly Progress Report (QPR)	<ul style="list-style-type: none"> ▶ Guidance for Bipartisan Infrastructure Law Grid Resilience Formula Grant Metrics ▶ Project Management Plan (PMP)/Quarterly Progress Report (QPR) Instructions 	Due within the first 90 days of award and quarterly (due on January 30, April 30, July 30 and October 30)
Annual Program Metrics and Impact Report The Annual and Program Metrics and Impact Report is used by recipients to report on the impact of their projects.	<ul style="list-style-type: none"> ▶ Annual Report For Recipients awarded MORE THAN (or equal to) \$500,000 in Year 1 AND more than \$500,000 in Year 2 ▶ Annual Report For Recipients awarded LESS THAN \$500,000 in Year 1 AND/OR less than \$500,000 in Year 2 	<ul style="list-style-type: none"> ▶ Guidance for Bipartisan Infrastructure Law Grid Resilience Formula Grant Metrics Tracking Annual Program Metrics and Impact Report Instructions ▶ GDO Metrics Webinar Presentation – September 19th, 2023 	Yearly (due each year by October 30th)

<https://netl.doe.gov/bilhub/grid-resilience/formula-grants/post-award-documents>

GDO Post-Award Resource Page

<https://www.energy.gov/gdo/grid-resilience-statetribal-formula-grant-program>

POST-AWARD RESOURCES

- ▶ [Guidance for Bipartisan Infrastructure Law Grid Resilience Formula Grant Metrics Tracking Post-Award Resource Documents](#)

PMP/QPR Overview



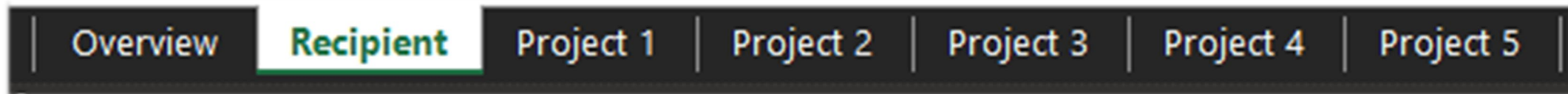
PMP/QPR Overview

Recipient and Project Tab(s)

The PMP/QPR is an Excel file containing a Recipient tab and at least one Project Tab. Project tabs will be populated for each Subaward that is added to the agreement.

The template contains 5 Project tabs as a starting point. Individual Project/Subaward tabs contain a slightly more detailed Project Information section, along with individual tables specific to just that Project.

The PMP/QPR is a document that will be updated on a quarterly basis; the **same file** should be edited and re-submitted throughout the grant period.



Recipient/Project Comparison

Project Management Plan and Quarterly Progress Report				
Select this Reporting Period's Federal Fiscal Year Here.				
Select Reporting Period's Quarter Here.				
Select Submission Month:		Enter Submission Day:		Enter Submission Year:
Recipient				
DOE Grant Agreement Number				
DOE Federal Project Officer				
Technical Project Manager Name				
Technical Project Manager Email				
Technical Project Manager Phone Number				
Business POC Name				
Business POC Email				
Business POC Phone Number				
Recipient State/Territory	Select State or Territory.			
Major Accomplishments During Reporting Period				
Planned Work for Next Reporting Period				
Items of Note				

Recipient sheet (above)

Project sheet (right)

Yellow Boxes – Drop-Downs

Blue Text – Static Items / Don't Need Changed

Red Text – Specific Information to a Project/Section

Project Management Plan and Quarterly Progress Report	
Select this Reporting Period's Federal Fiscal Year Here.	
Select Reporting Period's Quarter Here.	
DOE Grant Agreement Number	
Project ID Number	Project 1
Project Organization or Subawardee	
Project Title	
Project Performance Period Start Date (mm/dd/yyyy)	
Project Performance Period End Date (mm/dd/yyyy)	
Project State/Territory	Select State or Territory.
Project Location 5-Digit Zip Code(s) <i>Use commas to separate entries.</i>	
Benefited Community Census Tract(s) <i>Use commas to separate entries. Census tract numbers are 11 digits and can be found here: https://screenintool.geoplatform.gov</i>	
Subaward Business POC	
Subaward Business Address	
Subaward Congressional District(s) <i>Reference: https://www.census.gov/moad/</i>	
Subaward Project Manager/Lead (name)	
Is this work being performed by a subawardee that qualifies as a Section 4010(d)(6) defined small utility?	Select one.
Number of customers (i.e., meters) served by the entity performing the project:	
Number of customers (i.e., meters) that are expected to see benefits from the project:	
Bill 4010(d) Category of Subawardee: <i>Review the list and delete all categories that do not match your role as a Subawardee in this project. Do not add any other categories or text unless approved by DOE.</i>	<ul style="list-style-type: none"> * Distribution Provider * Electric Grid Operator * Electricity Generator * Electricity Storage Operator * Fuel Supplier * Transmission Owner/Operator * Other (as approved by DOE)
Bill 4010(d) Category of Work: <i>Review the list and delete all categories of work that are not related to the work that you will do during this project. Do not add any other categories or text unless approved by DOE.</i>	<ul style="list-style-type: none"> * Adaptive Protection Technologies * Advanced Modeling Technologies * Battery-Storage Components: Use of DERs for Enhancing System Adaptive Capacity During Disruptive Events * Battery-Storage Components: Use or Construction of DERs for Enhancing System Adaptive Capacity During Disruptive Events * Fire-resistant Technologies and Fire Prevention Systems * Hardening of Power Lines, Facilities, Substations, or Other Systems * Microgrids: Use of existing DERs for Enhancing System Adaptive Capacity During Disruptive Events * Monitoring and Control Technologies * Reconductoring of Power Lines with Low-Sag, Advanced Conductors * Relocation of Power Lines * Replacement of Old Overhead Conductors & Underground Cables * Undergrounding of Electrical Equipment * Utility Pole Management * Vegetation and Fuel-Load Management * Ventilation Technologies and Equipment * Other (as approved by DOE and noted in Project Description below)
Project Description	
Project Benefit Type(s) <i>Review the list and delete all categories of benefits that are not related to the benefits that will be provided by this project. Do not add any other categories or text unless approved by DOE.</i>	<ul style="list-style-type: none"> * Preventing Initial Outages * Preventing Cascading Outages * Providing Contingency Power * Reducing Restoration Time * Adding System Redundancy * Adding System Reconfguration Capability * Supporting Islanded Operations * Replacing Aging Infrastructure * Other (noted in Benefit Description)
Project Benefit Description	
Major Accomplishments During Reporting Period	
Planned Work for Next Reporting Period	
Items of Note	

PMP/QPR Content

Information collected in the PMP/QPR

- **Recipient section:** general information related to the award, recipient, administrative info, major accomplishments, and items of note at the recipient and project levels
- **Budget section:** information specific to the recipient budget, broken out into a quarterly spend plan, administrative costs, and a baseline budget at the recipient and project levels
- **Small Utility section:** information related to the Small Utility Set Aside including specifics on percent of customers served by small utilities and amounts made available and awarded to small utilities at the recipient and project levels
- **Milestone section:** information related to milestones at the recipient and project levels
- **Technical and Administrative Contracts section:** information related to contracts specifically related to technical and administrative activities
- **Build Metrics section:** specific metrics associated with the projects being implemented
- **Risk section:** risks and associated mitigation strategies at the recipient and project levels

Annual Metrics and Yearly Reporting



**NATIONAL
ENERGY
TECHNOLOGY
LABORATORY**



U.S. DEPARTMENT OF
ENERGY

Annual Program Metrics & Impact Report



At the end of each Fiscal Year of the grant period, Recipients will complete an Annual Metrics & Impact Report. Metrics will be captured for the overall award and for each resilience project. This report includes the following topic areas:

- Impacts (e.g., performance measures)
- Job Creation/Training
- Workforce Demographics
- Community Engagements

ANNUAL PROGRAM METRICS AND IMPACT REPORT

Project ID Number (Please make sure the project number aligns with the project numbers listed in the quarterly progress report) Project 1

Project Organization or Subawardee

Project Title

BASELINE IMPACT METRICS (performance measures)

Impact Metric (select from list) | Outcome Type (select from list) | Metric Type (char len: 200) | Outcome Type (char len: 100)

Baseline (Before Project Implementation) Please ONLY enter values for the 3 years preceding this Fiscal Year Report

2017 Value	2018 Value	2019 Value	2020 Value	2021 Value	2022 Value	2023 Value	2024 Value	2025 Value

CURRENT FISCAL YEAR IMPACT METRICS (performance measures)

Impact Metric (select from list) | Outcome Type (select from list) | Metric Type (char len: 200) | Outcome Type (char len: 100)

Progress (During Project Implementation)

Value	Start Date of Data Collection (mm/yy/yyyy)	End Date of Data Collection (mm/yy/yyyy)

JOB CREATION AND TRAINING

Metrics	Select from List	Number	Explanation
Training			
Was training offered as part of the project? (This includes construction projects that hire registered apprentices)			
Type of training provided			
Number of individuals receiving training (including registered apprenticeship) as part of the project			
Average number of hours of training per individual (including on-the-job training/work performed by registered apprentices)			
Number of individuals receiving raise or promotion as a result of training			
Number of individuals that are placed in new paid positions (including registered apprenticeships) as a result of training			
Labor			

COMMUNITY ENGAGEMENT EVENTS

Event Details				Community Engagement			Event Outcomes		
Event # (Unique Identifier)	Community Engagement Event Name (Virtual or In-Person)	6-Digit Zip Code	Zip Code +4	Type of Engagement (select from list)	Degree of Engagement (select from list)	Did This Event Include An Open Planning Forum with Participant Polling?	Total Attendees	Outcomes or Barriers	Event Links

September 19 Grid Resilience Formula Grant Metrics Guidance Webinar for Grant Recipients

<https://www.energy.gov/gdo/events/september-19-grid-resilience-formula-grant-metrics-guidance-webinar-grant-recipients>

Resources and Next Steps



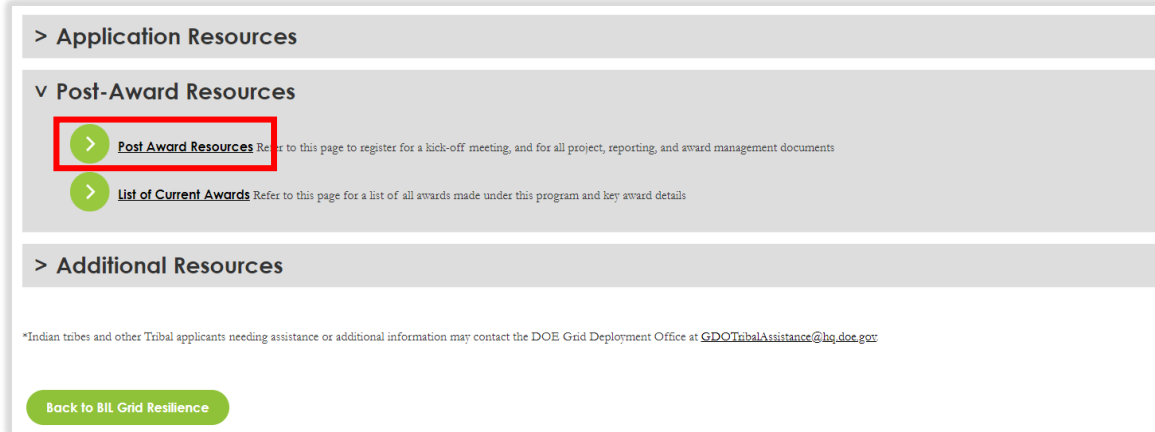
Award Administration Resources

Useful Links and Locations

Main 40101d Website [HERE](#)

Post-Award Resources [HERE](#)

- Subaward Notification
- Secretary consideration of Eligible Entity
- PMP/QPR template
- This Kickoff (KO) meeting presentation
- Etc.



> Application Resources

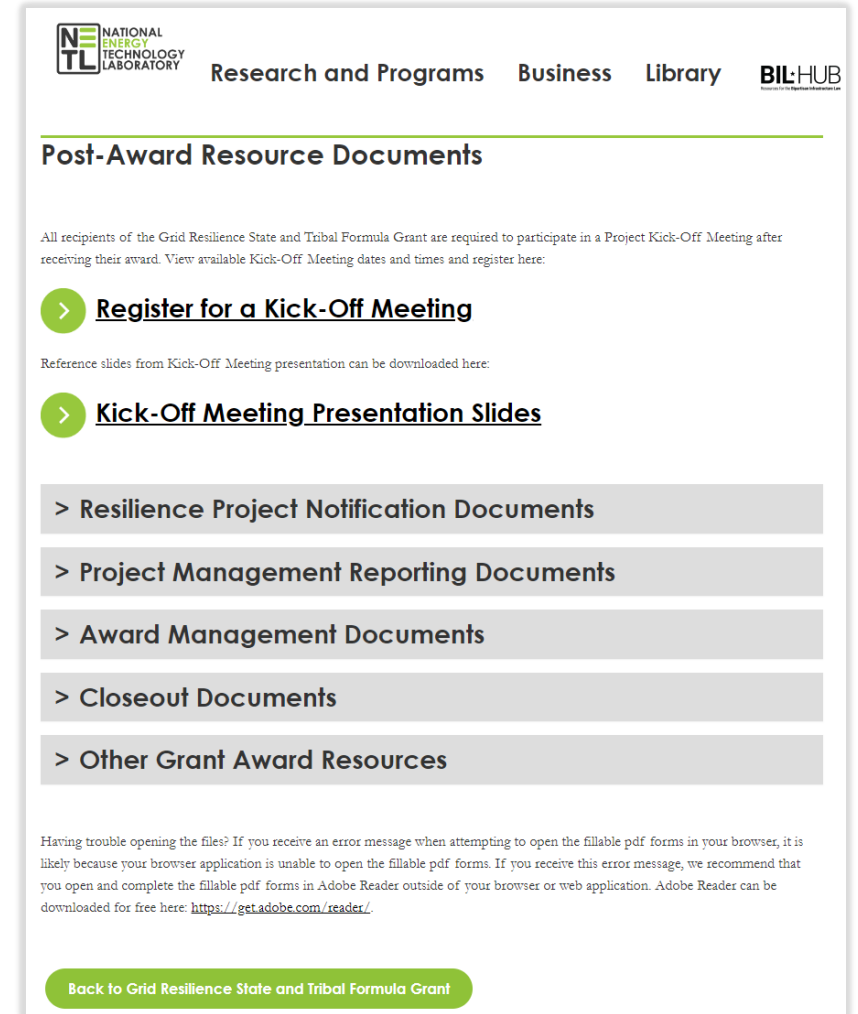
▼ Post-Award Resources

- > **Post Award Resources** Refer to this page to register for a kick-off meeting, and for all project, reporting, and award management documents
- > [List of Current Awards](#) Refer to this page for a list of all awards made under this program and key award details

> Additional Resources

*Indian tribes and other Tribal applicants needing assistance or additional information may contact the DOE Grid Deployment Office at GDO TribalAssistance@hq.doe.gov

[Back to BIL Grid Resilience](#)



NATIONAL ENERGY TECHNOLOGY LABORATORY

Research and Programs Business Library **BIL:HUB**

Post-Award Resource Documents

All recipients of the Grid Resilience State and Tribal Formula Grant are required to participate in a Project Kick-Off Meeting after receiving their award. View available Kick-Off Meeting dates and times and register here:

- > [Register for a Kick-Off Meeting](#)

Reference slides from Kick-Off Meeting presentation can be downloaded here:

- > [Kick-Off Meeting Presentation Slides](#)

- > Resilience Project Notification Documents
- > Project Management Reporting Documents
- > Award Management Documents
- > Closeout Documents
- > Other Grant Award Resources

Having trouble opening the files? If you receive an error message when attempting to open the fillable pdf forms in your browser, it is likely because your browser application is unable to open the fillable pdf forms. If you receive this error message, we recommend that you open and complete the fillable pdf forms in Adobe Reader outside of your browser or web application. Adobe Reader can be downloaded for free here: <https://get.adobe.com/reader/>.

[Back to Grid Resilience State and Tribal Formula Grant](#)

Website links as of 1/3/2024

Financial Assistance Resources*

- **DOE Guide to Financial Assistance**
 - <https://www.energy.gov/management/financial-assistance>
 - 2 CFR 200 as amended by 2 CFR part 910 is the Code of Federal Regulations pertaining to DOE Financial Assistance - <https://www.ecfr.gov/current/title-2/subtitle-A/chapter-II/part-200>
 - Subpart E of 2 CFR 200 contains the cost principles

**Not all inclusive.*

Future Annual Allocations

- The Annual Allocation process is addressed in the Terms and Conditions of the Agreement.
- The Annual Allocation Request must include the following information:
 - SF-424 reflecting the new allocation and cost match amounts.
 - Cost Match Information for the additional allocation.
 - Cost Match Value
 - Identify the source/organization of the proposed cost match
 - Type of Cost Match (cash or in-kind)
 - Provide a description of the proposed cost match
 - Program Narrative – if there are no changes, submit a copy of your current Program Narrative or an updated Program Narrative to reflect any changes. If changes have occurred, a Public Notice and Hearing must be documented in the updated Program Narrative.
- Unlike the initial award, which included Years 1 & 2 (combined allocations), future grant awards will only be for 1 year of funding at a time.
- Year 3 Allocations have been posted [HERE](#) (Amendment to ALRD early 2024).

Payments Using ASAP and VIPERS

ASAP (Automated Standard Application for Payments)

- Post-Award - should have received instructions for registering & creating ASAP account.
- The Federal grant funds will be placed in the U.S. Treasury account associated with the grant agreement:
 - May electronically transfer funds from the U.S. Treasury account to the Recipient's bank account as needed to either be reimbursed for allowable expenses, or immediately prior to making payments for allowable expenses.
 - The Reimbursement vs Advance option was based on information provided in the Pre-Award Information Sheet submitted with the grant application.
- **DO NOT DRAW EXCESS FUNDS** from the U.S. Treasury account such that you maintain excess Federal cash on-hand. **Draw funds only as they are needed** to make payments or receive reimbursements, as close to when they are needed by the Recipient as administratively feasible. Transfers may be made as frequently as needed.
- If a Recipient is determined to be high risk based on past performance or other audit information, they may be placed on traditional invoicing using VIPERS.

Payments Using ASAP and VIPERS



VIPERS (Vendor Invoicing Portal & Electronic Reporting System)

- Recipients authorizing a Third Party to submit invoices, make payments and receive reimbursements (into the Third Party's bank account) must use the traditional invoicing process (VIPERS).
 - A letter of authorization from the Recipient (i.e., Indian Tribe or Tribal Entity) must be provided to DOE prior to submitting the first invoice. A template for the letter of authorization is available from your Federal Project Officer.
 - Contact your Federal Project Officer and the Award Administrator for additional information regarding the Third Party invoicing and reimbursement process.

Payments Using ASAP and VIPERS

ASAP (Automated Standard Application for Payments)

- Recipients using ASAP system must enroll in ASAP
 - <https://www.fiscal.treasury.gov/asap/>
- Recipient should take the ASAP training
 - <https://www.fiscal.treasury.gov/training/>

VIPERS (Vendor Invoicing Portal & Electronic Reporting System)

- Recipients using VIPERS system must request access and account
 - <https://vipers.doe.gov/RequestAccess.aspx>

Compliance Requirements



NATIONAL
ENERGY
TECHNOLOGY
LABORATORY



U.S. DEPARTMENT OF
ENERGY

- Vetting process for federal awards to analyze potential risks that can impact U.S. national security
- Subaward RTES process considers the following factors:
 - Buy America (BABA)
 - Foreign National Participation
 - Foreign Ownership
- Information provided in the Resilience Project & Subaward/Subcontract Notification process will be evaluated by DOE against these factors
 - A more detailed RTES review may be required
- ***Be sure to allow ample time for an RTES review by DOE officials***

Build America, Buy America (BABA)



- To the greatest extent practicable, all equipment and products purchased with funds made available under this award should be American-made.
- The Recipient must ensure that the Buy America Requirement flows down to all subawards and that the subawardees and subrecipients comply.
- When necessary, the Recipient may apply for, and DOE may grant, a waiver from the BABA Requirement. Details on this process can be found in the Terms and Conditions of your Agreement.
- More information about DOE BABA requirements can be found at: <https://www.energy.gov/management/build-america-buy-america>

National Environmental Policy Act

- DOE must comply with NEPA to authorize the use of federal funds. Proposed resilience project activities and all subawards must go through the NEPA review and approval process.
- *For projects with potential environmental impacts, please allow adequate time in your schedule for the NEPA compliance process.*
- Some examples of Categorical Exclusions (CXs) are:
 - Construction of powerlines 10 miles or less, or 20 miles or less along existing rights-of-way
 - Upgrading or rebuilding 20 miles or less of existing powerlines
 - Routine maintenance:
 - Repair or replace facility equipment, structure repair/replacement (doors, windows, floor, etc.)
 - Repair, maintenance, testing, calibration, decontamination, and other activities related to some grid components
- *A full list of DOE Categorical Exclusions (CXs) can be found here:*
[10CFRPart1021.pdf \(energy.gov\)](#)
- **The NEPA compliance officer will make the CX determination based on the EQ submitted by the Recipient.**

Davis-Bacon Requirements

- All laborers paid by funds made available under this award shall be paid wages at rates not less than those prevailing on similar projects in the locality, as determined by the Davis-Bacon Act (DBA).
- The Recipient must ensure that the Davis-Bacon Requirement flows down to all subawards and that the subawardees and subrecipients comply.
- DOE intends to make payroll documentation software available for assistance in complying with these requirements.

Recipient Next Steps

Immediate

- Read and thoroughly understand the Terms and Conditions of your Agreement
- Demographic Reporting in PMC Portal (both Business Officer and TPM)
- Submit PMP within 90 days
- Submit 1st QPR 30 days after the end of the 1st full quarter of performance (*All submissions to the EERE PMC Portal*)

Ongoing

- Submit Subaward Notification Documents to FPO as projects and subawardees are identified
- Adhere to the Terms and Conditions of the agreement, including the reporting requirements identified in the Reporting Requirements Checklist contained in the Assistance Agreement (Attachment 3)

Good Ideas

- Maintain communication with project personnel and DOE FPO
- Remember to not make multiple versions of the PMP/QPR Excel File
- Allow sufficient time in your schedule for DOE review of proposed subawards and resilience projects

Questions?



Backup Slides



PMP/QPR - Recipient Information

This section details the information related to the recipient as an organization



Project Management Plan and Quarterly Progress Report	
Select this Reporting Period's Federal Fiscal Year Here.	
Select Reporting Period's Quarter Here.	
Select Submission Month:	Enter Submission Day: Enter Submission Year:
Recipient	
DOE Grant Agreement Number	
DOE Federal Project Officer	
Technical Project Manager Name	
Technical Project Manager Email	
Technical Project Manager Phone Number	
Business POC Name	
Business POC Email	
Business POC Phone Number	
Recipient State/Territory	Select State or Territory.
Major Accomplishments During Reporting Period	
Planned Work for Next Reporting Period	
Items of Note	

PMP/QPR - Recipient Information

This section details the information related to the recipient as an organization

- **Recipient:** This is the name of the recipient organization.
 - **DOE Grant Agreement Number:** The number assigned to your award (GD0000001 for example).
 - **DOE Federal Project Officer:** Your DOE-NETL Point of Contact (POC).
 - **Technical Project Manager:** This is the person in charge of overseeing the project for the recipient.
 - Name, email and phone for this person.
 - **Business POC:** This is the person in charge of business operations for the project.
 - Name, email and phone of this person.
 - **Recipient State:** State or Territory to which the award is granted.
-
- **Major Accomplishments:** Include any major accomplishments during the reporting period.
 - **Planned Work:** Describe major work activities planned for the next reporting period.
 - **Items of note:** Anything DOE should know about the project that isn't reported elsewhere in the QPR.

PMP/QPR - Quarterly Spend Plan

This section details the information related to the quarterly spending

Quarterly Spend Plan required only if Year 1 + Year 2 Federal allocation amount is greater than \$500,000:

QUARTERLY SPEND PLAN				
Quarter	Federal Share		Non-Federal Share	
	Planned	Actual	Planned	Actual
Q0 (Current Reporting Period)				
Q ⁺¹				
Q ⁺²				

PMP/QPR - Quarterly Spend Plan

This section details the information related to the quarterly spending

- **Federal Share:**

- **Planned:** Incurred cost planned from Federal share for current quarter and the next two quarters
- **Actual:** Actual cost incurred from Federal share for current quarter

- **Non-Federal Share:**

- **Planned:** Incurred cost planned from non-Federal share for current quarter and the next two quarters
- **Actual:** Actual cost incurred from non-Federal share for current quarter

PMP/QPR - Administrative and Technical Assistance Costs



This section details the information related to the Admin and TA costs

Administrative & Technical Assistance (TA) Costs			
	Federal Share	Non-Federal Share	Total
Total Federal Grant Amount	\$0		
Total Admin & TA Costs To Date	\$0	\$0	\$0
Percentage of Total Federal Grant Amount Used for Admin & TA (May not exceed 5%)	0%		

PMP/QPR - Administrative and Technical Assistance Costs



This section details the information related to the Admin and TA costs

- **Total Federal Grant Amount:** the total amount of Federal dollars granted to the Recipient.
- **Total Administrative and TA Costs to Date:**
 - **Federal Share:** the amount of Federal dollars spent to date on Administrative and TA tasks.
 - **Non-Federal Share:** the amount of non-Federal dollars spent to date on Administrative and TA tasks.
 - **Total:** the sum of Federal and non-Federal dollars spent to date on Administrative and TA tasks.
- **Percentage of Total Federal Grant Amount Used for Admin and TA:** the percentage of Federal dollars spent on Administrative and TA tasks.
- **Note:** *percentage of total Federal dollars spent on Admin and TA costs cannot exceed 5% of the total dollar amount granted.*

PMP/QPR - Baseline Budget and Incurred Cost



This section details the information related to baseline budget and incurred cost

BASELINE BUDGET AND INCURRED COST								
Budget Category	Total Project Budget		Prior Cumulative Incurred Cost		Incurred Cost During Reporting Period		Total Cumulative Incurred Cost	
	Federal	Non-Federal	Federal	Non-Federal	Federal	Non-Federal	Federal	Non-Federal
<i>Administrative & Technical Assistance (TA) Costs Only:</i>								
Personnel							\$0	\$0
Fringe Benefits							\$0	\$0
Travel							\$0	\$0
Equipment							\$0	\$0
Supplies							\$0	\$0
Other							\$0	\$0
Contractual (Admin & TA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>*Insert rows as needed.</i>								
Contractual (Projects)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>Project 1</i>								
<i>Project 2</i>								
<i>*Insert additional rows for projects as needed.</i>								
<i>Name (list all other contracts \$25,000 or more)</i>								
<i>*Insert additional rows for contracts \$25,000 or more.</i>								
<i>Sum of individual contracts under \$25,000</i>								
Sub-Total Direct Charges	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Indirect Charges								
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

PMP/QPR - Baseline Budget and Incurred Cost

This section details the information related to baseline budget and incurred cost

- **Personnel:** costs paid for by Federal funds and non-Federal cost match:
 - Total approved project budget, prior cumulative incurred cost, incurred cost during reporting period, and total cumulative incurred cost
- **Fringe Benefits:** costs paid for by Federal and non-Federal cost match:
 - Total approved project budget, prior cumulative incurred cost, incurred cost during reporting period, and total cumulative incurred cost
- **Travel:** costs paid for by Federal and non-Federal cost match:
 - Total approved project budget, prior cumulative incurred cost, incurred cost during reporting period, and total cumulative incurred cost
- **Equipment:** costs paid for by Federal and non-Federal cost match:
 - Total approved project budget, prior cumulative incurred cost, incurred cost during reporting period, and total cumulative incurred cost
- **Supplies:** costs paid for by Federal and non-Federal cost match:
 - Total approved project budget, prior cumulative incurred cost, incurred cost during reporting period, and total cumulative incurred cost

PMP/QPR - Utility Size, Funding and Customer information



This section details the information related to the size of the Utility

Percentage (%) of customers within jurisdiction served by utilities that sell not more than 4,000,000 MWh of electricity per year.	0%
Amount (\$) of subaward funds that have been <i>made available</i> to Section 40101(d)(6) defined small utilities.	\$0
Amount (\$) of subaward funds that have been <i>awarded</i> to Section 40101(d)(6) defined small utilities.	\$0
Percentage (%) of total Resilience Project subaward funds that have been awarded Section 40101(d)(6) defined small utilities.	0%

- This section helps monitor compliance with the Small Utility Set Aside requirement.

PMP/QPR - Utility Size, Funding and Customer information



This section details the information related to the size of the Utility

- Reference BIL40101(d) Subsection 6
- Percentage of customers within jurisdiction served by utilities that sell not more than 4,000,000 megawatt hours (MWh) of electricity per year: provide the number of customers in the jurisdiction that are served by utilities that sell 4,000,000 MWh of electricity or less.
- Amount of subaward funds that have been awarded to Section 40101(d)(6) defined small utilities: provide the amount of subaward funds that have been awarded to small utilities as defined in Section 40101(d)(6) – utilities that sell not more than 4,000,000 MWh of electricity per year.
- Percentage of total Resilience Project subaward funds that have been awarded to Section 40101(d)(6) defined small utilities: the percentage of total resilience project subaward funds allocated to small utilities, presented as a percentage of total funds.
- **Note:** Website for Utility Sales (as of 2021)
 - https://www.eia.gov/electricity/sales_revenue_price/pdf/table10.pdf

PMP/QPR - Milestone Table

This section details the information related to the project milestones

MILESTONE TABLE					
Milestone	Milestone Title	Completion Date		Status	Items of Note
		Planned	Actual		
RM1.1	Project 1 [Insert Project Name Here] Identified			Select status.	
RM1.2	Project 1 [Insert Project Name Here] DOE Notification			Select status.	
RM1.3	Project 1 [Insert Project Name Here] Initiated			Select status.	
RM2.1	Project 2 [Insert Project Name Here] Identified			Select status.	
RM2.2	Project 2 [Insert Project Name Here] DOE Notification			Select status.	
RM2.3	Project 2 [Insert Project Name Here] Initiated			Select status.	
	<i>*Add additional rows as needed</i>			Select status.	

Status	It
Select status.	
Select status.	
Achieved	
Ahead of Schedule	
Delayed	
On Schedule	
Select status.	
Select status.	
Select status.	

- Three Milestones should be listed on the Recipient sheet for each corresponding Project (Identified, DOE Notification, Initiated).
- Once Project is Initiated, individual Project Milestones will be captured in the Project sheet.

PMP/QPR - Milestone Table

This section details the information related to the project milestones

- **Milestone:** the number of the milestone
- **Milestone Title:** the title of the milestone
 - These have been provided with a placeholder for the Project Name(s) from the Project tabs.
- **Completion date:**
 - **Planned:** the planned completion date
 - **Actual:** the actual completion date
- **Status:** the status of the milestone – achieved, ahead of schedule, delayed, on schedule
- **Items of note:** anything the FPO and DOE-NETL should know regarding the milestone.

PMP/QPR - Technical or Administrative Support Contracts



This section details the information related to Administrative and Support Contracts

Only For Technical or Admin Support Contracts with a Total Value of \$25,000 or More:

TECHNICAL OR ADMINISTRATIVE SUPPORT CONTRACTS				
Contractor Name	Start Date	End Date	Purpose	Total Contract Value
				\$0
<i>*Add additional rows as needed.</i>				

PMP/QPR - Technical or Administrative Support Contracts



This section details the information related to Administrative and Support Contracts

- **Contractor Name:** the name of the contractor
- **Start date:** the date the contractor is starting support
- **End date:** the date the contractor ends support
- **Purpose:** the purpose of the support contract, be as detailed as possible including specific items they're supporting
- **Total contract value:** the total value of the contract

PMP/QPR - Risk Management Log

This section details the information related to the risk management of the project

RISK MANAGEMENT LOG				
Risk	Likelihood (High, Medium, Low)	Impact (High, Medium, Low)	Potential Impact	Mitigation Strategy
Staffing capacity within the Prime Recipient's office is insufficient to administer project.	Medium	Medium		
	Select one.	Select one.		
	Select one.	Select one.		
<i>*Add additional rows as needed</i>	Select one.	Select one.		

PMP/QPR - Risk Management Log

This section details the information related to the risk management of the project

- **Risk:** detail the risk identified
- **Likelihood:** the likelihood that the risk will occur – low, medium, or high
- **Impact:** the impact on the project success or schedule that the risk will have should it occur – low, medium, or high
- **Potential Impact:** detail the potential impact the risk would have should it occur
- **Mitigation Strategy:** the mitigation strategy the project team is implementing to make sure the risk either doesn't happen or it is managed effectively

Definitions

Running List



- **Allocation:** BIL Section 40101(d) prescribes a formula to allocate funds to States and Indian Tribes. The formula includes five factors based on population, land area, probability of disruptive events, economic impact of past disruptive events, and amount of expenditures spent to mitigate likelihood and consequence of disruptive events. The resulting allocations are the amount a State or Indian Tribe may receive during each of the five years of grant funding. Annual allocation amounts will be determined each year based on available BIL Section 40101(d) funding and annual updates to the data relating to the five factors.
- **ALRD:** An Administrative and Legal Requirements Document (ALRD) is the instrument the government uses to announce and describe a financial assistance opportunity, such as a formula grant. It is similar to a Funding Opportunity Announcement (FOA), except that an ALRD is typically used for a non-competitive grant program whereas a FOA is typically used for a competitive financial assistance opportunity. The ALRD provides the administrative and legal requirements of the formula grant program and instructs eligible applicants on the process and documents needed to apply for the grant.
- **Applicant:** An Applicant is a State, U.S. Territory, District of Columbia or Indian Tribe (normally referred to as “State and Indian Tribes” for the purpose of BIL Section 40101(d)) eligible to receive a formula grant under Section 40101(d) Formula Grant Program of the Bipartisan Infrastructure Law (BIL).
- **Application:** There are two definitions for an application, depending on the stage of the award process:

Grant Application: States and Indian Tribes must submit a grant application to the U.S. Department of Energy to receive a formula grant under BIL Section 40101(d). Section 40101(d) requires that applications include a plan (referred to as the Program Narrative) that describes the criteria and methods that will be used by the State or Indian Tribe to award grants to eligible entities; be adopted after notice and a public hearing; and describe the proposed funding distributions and recipients of the grants to be provided by the State or Indian Tribe. In addition to the Program Narrative, the ALRD Sections IV.A and IV.B require additional information and documents needed to apply for and receive a grant.

Allocation Application: States and Indian Tribes must submit an annual allocation application to request and receive their annual funding allocations (this is after receipt of their initial award). The allocation request for Year 1 is considered to be part of the initial grant application. Additionally, the U.S. Department of Energy will be releasing the Year 2 formula allocation amounts by January 2023. States and Indian Tribes may request both Year 1 and Year 2 allocation amounts in the initial grant application. Or, if a State or Indian Tribe submits an application prior to the release of the Year 2 allocations, requesting only the Year 1 allocation, they must submit a separate Year 2 allocation application prior to March 31, 2023 in order to receive the Year 2 allocation. The Grant Agreement will contain instructions on the requirements and process for annual allocation application submittals. Annual allocations will be obligated to the same grant agreement awarded in Year 1, thereby increasing the grant amount with each annual allocation.

Definitions Cont.

Running List

- **Cost Match:** Cost Match under BIL Section 40101(d) is the amount of non-Federal funding a State or Indian Tribe must provide to match the amount of Federal funds awarded under a Section 40101(d) formula grant. Under the Section 40101(d) each State and Indian Tribe is required to match 15 percent of the amount provided to it under the program. Further, an Eligible Entity that receives a subaward under this program is required to match 100 percent of the amount of the subaward as required by Section 40101(h)(1). However, if the Eligible Entity sells not more than 4,000,000 megawatt hours of electricity per year (i.e., is a Small Utility), the required match will be one-third of the amount of the subaward as required by Section 40101(h)(2).
- **Eligible Entity:** States and Indian Tribes may use BIL Section 40101(d) formula grant funds to issue subawards to Eligible Entities for the purpose of implementing eligible resilience measures that achieve the objectives of Section 40101(d). An Eligible Entity is defined by Section 40101(d) as
 - a) an electric grid operator;
 - b) an electricity storage operator;
 - c) an electricity generator;
 - d) a transmission owner or operator;
 - e) a distribution provider;
 - f) a fuel supplier; and
 - g) any other relevant entity, as determined by the Secretary (of the U.S. Department of Energy).
- **Formula Grant:** A formula grant is a type of financial assistance award in which the government awards grants to eligible applicants, with the grant amount being based on a prescribed formula. BIL Section 40101(d) prescribes a formula to allocate Section 40101(d) funds to States and Indian Tribes. The formula includes five factors based on population, land area, probability of disruptive events, economic impact of past disruptive events, and amount of expenditures spent to mitigate likelihood and consequence of disruptive events.
- **GDO:** The Grid Deployment Office (GDO) is the programmatic office within the U.S. Department of Energy responsible for implementing the BIL Section 40101(d) and other BIL grid resilience programs. Information about GDO is available here: [Grid Deployment Office | Department of Energy](#)
- **Grant Agreement:** A grant agreement is the contractual financial assistance instrument in which a State or Indian Tribe and the Department of Energy enter into for the purpose of the Department of Energy making available funds to the applicant to achieve grant objectives. The grant agreement contains the Terms and Conditions the State or Indian Tribe must adhere to when utilizing grant funds. The U.S. Department of Energy will award Section 40101(d) grant agreements with an initial Period of Performance of five years.

Definitions Cont.

Running List

- **NETL:** The National Energy Technology Laboratory (NETL) is administering the BIL Section 40101(d) and other BIL grid resilience programs on behalf of the U.S. Department of Energy Grid Deployment Office (GDO), and will provide administrative and technical oversight over the formula grants. NETL will assign Federal Project Officers, Award Administrators, and Contracting Officers to negotiate, award, monitor and administer the BIL Section 40101(d) formula grants to States and Indian Tribes. Information about NETL is available here: <https://netl.doe.gov>.
- **New Generation:** BIL Section 40101 prohibits a grant awarded to an Eligible Entity under the program being used for construction of a new electric generating facility. In this context, new generation is defined as construction of a facility that produces electricity, including emergency back-up generation, solar generation or any other electric generation unit or facility.
- **Power Line:** The term “power line” includes a transmission line or a distribution line, as applicable. Distribution power lines are considered to be below 69kV.
- **Program Narrative:** The Program Narrative is a critical part of the grant application. Section 40101(d) requires that applications include a plan (referred to as the Program Narrative) that as describes the criteria and methods that will be used by the State or Indian Tribe to award grants to eligible entities; be adopted after notice and a public hearing; and (iii) describe the proposed funding distributions and recipients of the grants to be provided by the State or Indian Tribe. The ALRD provides additional requirements for the Program Narrative, which include”
 - Objective and metrics
 - Criteria
 - Methods
 - Funding distribution
 - Equity Approach
 - Technical assistance and administration
 - Public notice and hearing
- **Section 40101(d):** Section 40101(d) of the Bipartisan Infrastructure Law (BIL) authorizes the U.S. Department of Energy to award formula grants to States and Indian Tribes to improve the resilience of their electric grids.
- **Small Utility:** As defined in BIL Section 40101(h)(2) for the purpose of this grant program, a Small Utility sells not more than 4,000,000 megawatt hours of electricity per year.
- **Weatherization:** Technologies or equipment that can be used to enhance reliability and resiliency of electric grid components in preparation for extreme weather conditions.

Acronyms

Running List



- **AGR&D** – Advanced Grid Research and Development
- **ASAP** – Automated Standard Application for Payments
- **BIL** – Bipartisan Infrastructure Law (also referred to as IIJA)
- **CESER** – Office of Cybersecurity, Energy Security, & Emergency Response
- **CFR** – Code of Federal Regulations
- **CO** – Contracting Officer
- **CS** – Contract Specialist
- **DOE** – Department of Energy
- **EDST** – Energy Delivery & Security Team
- **EERE** – Energy Efficiency and Renewable Energy
- **FOA** – Funding Opportunity Announcement
- **FPO** – Federal Project Officer (also referred to as TPO and Program Manager)
- **GDO** – Grid Deployment Office
- **GD###** – NETL’s Project Numbering System
- **GRIP** – Grid Resilience & Innovative Partnerships
- **IIJA** – Infrastructure Investment and Jobs Act
- **MWh** – Megawatt Hours
- **NETL** – National Energy Technology Laboratory
- **OE** – Office of Electricity
- **PM** – Project Milestone (Milestone Table)
- **PMP** – Project Management Plan
- **POC** – Point of Contact
- **PPRA** – Preparedness, Policy, and Risk Analysis
- **QPR** – Quarterly Progress Report
- **R&D** – Research & Development
- **RM** – Recipient Milestone (Milestone table)
- **RMT** – Risk Management Tools and Technologies
- **SOPO** – Statement of Project Objectives
- **TA** – Technical Assistance
- **VIPERS** – Vendor Invoicing Portal & Electronic Reporting System