

Investing in Grid Resilience Workshop

Investing in Grid Resilience: Capitalizing on Federal Funding and Technical Assistance Opportunities

Wednesday November 16, 2022

12:45 – 5:15 pm CT

[Please register](#)

Intended Audience:

- State commissions, energy offices, consumer advocates, etc.
- Utilities, Energy Service Providers
- Interested stakeholders

Workshop Objectives:

- Provide an overview of the current status and processes for receiving federal grant funding (for example: the IJA Section 40101, 40103, 40107)
- Convene a series of interactive sessions focused on grid resilience planning, metrics, climate forecasting, and threat-based analysis
- Solicit workshop participant technical assistance needs

Proposed Agenda

** active group discussion period

Time	Topic	Lead	Description
12:45– 1:00 pm 15 min	Overview of Grid Resilience BIL Activities	DOE's Grid Deployment Office (GDO)	DOE will provide an overview of the Grid Resilience provisions in 40101(d), the Grid Resilience Innovation Partnership (GRIP) program, and other relevant DOE programs
1:00 – 1:20 pm 20 min	Designing a Program and Preparing the Program Narrative	Lindsay Cooper	A representative from the Louisiana Governor's Office will discuss their approach to engaging stakeholders to develop objectives and metrics to design a program for federal grant funding.
1:20 – 1:45 pm 25 min	**Group Discussion: Technical Assistance and Developing a Program Narrative	All Participants	<ul style="list-style-type: none">• What questions do you have or challenges do you face in articulating potential outcomes from federal grant funding?
1:45– 2:15 pm 30 min	Metrics and Objectives for Integrated Grid Planning	Dr. Robert 'Bobby' Jeffers, NREL / City of New Orleans	Overview of the process of developing metrics and case study examples of metrics used in planning across states
2:15– 2:40 pm 25 min	**Group Discussion: Technical Assistance and Developing a Program Narrative	All Participants	<ul style="list-style-type: none">• What are your promising practices for identifying and prioritizing different objectives in grid planning?• What challenges or gaps are you facing in incorporating resilience and

			equity into grid planning? What kinds of technical assistance (tools, methods, data, training, etc.) would be most helpful in addressing these gaps?
2:40 – 2:55 pm	Break		
2:55 – 3:15 pm 20 min	Threat-based Analysis	John Grosh, LLNL and Jason Fuller, PNNL	NAERM team will provide an overview of the analytical work being performed across three key use cases including wildfire, polar vortex, and hurricanes, to enable threat-based analysis to inform grid planning
3:15 – 3:40 pm 25 min	**Group Discussion: Incorporating Threat-based Analysis into Grid Planning	All	<ul style="list-style-type: none"> • What are your promising practices for considering threats and risk in your grid planning processes? • What challenges or gaps are you facing in incorporating threat-based analysis into grid planning? What kinds of technical assistance (tools, methods, data, training, etc.) would be most helpful in addressing these gaps?
3:40 – 3:55 pm	Break		
3:55 – 4:25 pm 30 min	Climate Risk-Informed Planning for the Grid	Tom Wall and Kyle Pfeiffer, ANL/ComEd	The Center for Climate Resilience and Decision Science at Argonne National Laboratory will provide an overview of how climate data can be used to consider current and future risk to the grid from a range of climate perils. ComEd will then provide an overview of their climate risk analysis and resilience planning efforts in the Chicago metropolitan area.
4:25 – 4:50 pm 25 min	**Group Discussion: Considering the impacts of climate change in grid planning	All	<ul style="list-style-type: none"> • What are your promising practices to consider climate change in your grid planning processes? • What challenges or gaps are you facing in incorporating climate data into grid planning? What kinds of technical assistance (tools, methods, data, training, etc.) would be most helpful in addressing these gaps?
4:50 – 5:15 pm 25 min	Resources from the National Associations and DOE, Recap & Next Steps	NARUC/NASEO /GDO	Overview of existing and planned resources developed by the National Associations Session Closing and discussion of next steps