

Regulating for Resilience Workshop Feedback and Ongoing NARUC Resilience Work





PRESENTED BY Kiera Zitelman, NARUC



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#### Outline

Overview of NARUC Center for Partnerships & Innovation

NARUC-PJM-Converge project under U.S. Department of Energy / Solar Energy Technologies Office and National Renewable Energy Lab's Solar Energy Innovation Network, "Solar PV for Advanced System Resilience and Restoration"

NARUC-Sandia Regulating for Resilience Workshop in San Antonio, TX on November 20, 2019

NARUC-NASEO Microgrids State Working Group and future resilience work

# NARUC Center for Partnerships & Innovation

NARUC represents public utility commissions in all 50 U.S. states, territories, and the District of Columbia

Center for Partnerships & Innovation is NARUC's grant-funded technical assistance office

## Solar PV for Advanced System Resilience and Restoration

Lead organization: NARUC

Team members: PJM Interconnection, Converge Strategies

Events: meetings with NARUC and PJM stakeholders in July, September, and November 2018

Publications:

- "The Value of Resilience for Distributed Energy Resources," Converge Strategies, April 2019
- "Advancing Electric System Resilience with Distributed Energy Resources: A Review of State Policies," NARUC, forthcoming
- "Advancing Electric System Resilience with Distributed Energy Resources: Key Questions and Considerations," NARUC, forthcoming
- Additional NREL research papers may be forthcoming

## Regulating for Resilience Workshop

NARUC and Sandia co-hosted a Regulating for Resilience Workshop on November 20, 2019 in conjunction with the NARUC Annual Meeting in San Antonio, TX

Objectives:

- Present and discuss work to date on overcoming critical barriers to development of a structured resilience framework
- Explore commission experiences and needs related to important resilience topics, including

Participation from ~60 PUC commissioners and staff, utility representatives, RTOs, and others

Stakeholder presentations from Sandia, NARUC, Critical Consumer Issues Forum, DOE Office of Electricity, and U.S. Army Office of Energy Initiatives

Breakout discussions on sub-topics within resilience

Next steps: workshop outputs will inform future OE technical assistance and initiatives

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### Microgrids State Working Group

NARUC and NASEO have launched a Microgrids State Working Group with membership from 25+ states

Funded by DOE Office of Electricity

Recruitment took place in October – November 2019

Needs assessment calls with individual state members were held in December 2019

In-person roundtable planned for February 2020 at the NARUC Winter Policy Summit in Washington, DC