Policy Objectives:
- Efficiency
- Reliability
- Customer enablement
- DER integration
- Resilience
Task Force on Comprehensive Energy Planning

NASEO-NARUC members from 16 states are on the Task Force

Selected States to Ensure Diversity:
- Geography
- Market models (e.g., retail competition, wholesale market)
- Planning approaches (e.g., state energy office roles, distribution system planning)
- State goals (e.g., grid mod, resilience, climate, clean energy, economic development)

5 Cohorts represent a mix:
- Vertically integrated vs restructured
- Inside or outside of organized markets
Task Force Process

2 years | 4 workshops

We are here

- Develop State Action Plans to build on the work of the Task Force
- Consider what it takes to operationalize idealized aligned planning processes “Roadmaps”
- Refine opportunities for planning process alignment with support from stakeholders and subject matter experts “Process Maps”
- Identify key trends, articulate guiding principles, map status quo planning processes, begin identifying alignment needs
Illustrative Example of a Cohort Process Map

Building Blocks of Planning
Grid Modernization Planning

**Strategy**

1. Identify Grid Mod Objectives, Scope & Timing
2. Identify Grid Capabilities & Functionality Needed
3. Identify Grid Architecture Considerations & Develop Strategies (e.g., communications, sensing & measurement, protection & controls, field automation, data/information management, cybersecurity)

**Implementation Plan**

4. Develop Functional Use Cases to Identify Detailed Business & Technical Requirements
5. Develop Detailed Architecture & Design
6. Technology Assessment & Selection
7. Develop Deployment Roadmap & Cost Effectiveness Assessment
Electricity System Resilience Framework for States

Logical Consistency

State Policy Makers

Legislatures and Governors
- Develop policy goals and objectives (e.g., wildfire mitigation)
- Require plans (ex: CA utility wildfire mitigation plans)
- Fund improvements (ex: CA utility cost recovery standards & practices)
- Require utility coordination and oversight (ex: coordination & data-sharing among state agencies, eg, sharing cybersecurity information and practices, and conducting independent evaluations)
- Facilitate specific risk mitigation strategies (ex: defense and civilian critical infrastructure protection)
- Develop further recommendations (ex: establishing commissions, boards and state offices with specific charges)

State Policy Implementers

Utility Commissions
- Set substantive and procedural requirements for plans, including
  - Setting objectives, based on state policy goals and customer expectations
  - Establishing scope and timing requirements based on priorities
  - Establishing metrics to measure performance
  - Determining cost recovery mechanisms
- Approve or accept plans
- Fund improvements (cost recovery approval through and/or outside General Rate Case)

Distribution System Owners & Operators

Utilities
- Develop plans
  - Align objectives
  - Develop long-term strategy and short-term implementation plans integrated with current planning processes
  - Prioritize short-term vs long-term needs through risk assessments
  - Coordinate planning and operations
  - Re-design business practices
  - Establish staged, technology deployment plans and cost estimates
- Implement approved plans

Stakeholder Input Processes
Thank You

Contact:
Joe Paladino, joseph.paladino@hq.doe.gov