



NATIONAL COUNCIL
ON ELECTRICITY POLICY

National Association Coordination

Thursday, January 23, 2020

Virtual Meeting

Welcome

During the webinar:

- This webinar is being recorded.
- Ask questions through the chat function in the GoToWebinar application.
 - Relevant clarifying questions will be asked immediately.
 - Other questions will wait for the discussion at the end.
 - Type in your questions anytime.

After the webinar:

- Presentation and recording posted on www.electricitypolicy.org.
- Unanswered questions will be sent to panelists with contact information (unless you prefer to remain anonymous).
- Join our listserv by checking off NCEP as an interest area in your MYNARUC account at www.naruc.org/mynaruc/ or e-mail Kerry Worthington at Kworthington@naruc.org after your profile has been created.

Agenda

Time	Item	Speaker
2:00	Welcome	Kerry Worthington, NCEP/NARUC Staff
2:05	About NCEP and NCEP Updates	Kerry Worthington, NCEP/NARUC Staff
2:10	National Association of Regulatory Utility Commissioners (NARUC)	Danielle Sass Byrnett, NARUC Center for Partnerships & Innovation Director
2:17	National Association of State Energy Officials (NASEO)	Kirsten Verclas, NASEO Electricity Programs Director
2:24	National Association of State Utility Consumer Advocates (NASUCA)	David Springe, NASUCA Executive Director
2:31	National Governors Association (NGA)	Dan Lauf, NGA Energy Program Director
2:38	National Conference of State Legislatures (NCSL)	Kristy Hartman, NCSL Energy Director
2:45	National Association of Clean Air Agencies (NACAA)	Miles Keogh, NACAA Executive Director
2:52	Q & A	
3:00	Adjourn	



National Council on Electricity Policy

Kerry Worthington

NCEP/NARUC Program Manager

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www.electricitypolicy.org

The National Council on Electricity Policy (NCEP)

- NCEP is a peer-learning platform to examine the ways new technologies, policies, regulations, and markets impact state resources and the bulk power system.
- NCEP is currently exploring the evolving interface between the transmission and distribution systems as the resource mix on the grid changes (planning, operations, and markets).
- **All NCEP resources are available at www.electricitypolicy.org.**
- NCEP thanks the U.S. Department of Energy for its ongoing support.



Past and Recent Activities

Past Events

Sept. 2019 Annual Meeting

Evolving Transmission, Distribution, and Customer System Coordination (operations focus)

- Summary Report
- Agenda
- Presentation
- Recordings

New Resources

- Transmission and Distribution Coordination Resource Catalog
- Mini-Guide Series on Engagement between PUCs and:
 - Local governments
 - State legislatures
 - State emergency management agencies

Upcoming Events and Activities

Events

- Topical Webinars throughout 2020
- March Webinar: DOE National Lab programs and support for state energy agencies
- June Webinar: Mid-Year National Association Coordination
- September Webinar: National Lab programs and support for state energy agencies
- Week of December 7, 2020: 2020 Annual Meeting on T&D Coordination (markets focus)

Activities

- (Ongoing) Send Kerry Worthington resources to add to the T&D Resource Catalog
- Mini-Guide Series:
 - PUC & Energy Office Engagement



National Council on Electricity Policy

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National Association of Regulatory Utility Commissioners (NARUC)

Danielle Sass Byrnett, Director
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www.naruc.org/cpi

WHAT IS NARUC

- The National Association of Regulatory Utility Commissioners (NARUC) is a non-profit organization founded in 1889.
- Our members are the state regulatory commissions in all 50 states, DC, and the territories. FERC & FCC Commissioners are also members. NARUC has Associate Members in over 20 other countries.
- NARUC member agencies regulate electricity, natural gas, telecommunications, and water utilities.



WHAT IS NARUC'S CENTER FOR PARTNERSHIPS & INNOVATION?

- Grant-funded team dedicated to providing technical assistance to state members.
- CPI builds relationships, develops resources, and delivers trainings.
- CPI thanks the U.S. Department of Energy, the National Institute for Standards and Technology, and other partners for their ongoing support.



NARUC CPI Topical Areas



Energy Infrastructure
Modernization



Electric System
Transformation



Critical Infrastructure and
Cybersecurity



Emerging Issues

www.NARUC.org/CPI

RECENT RESOURCES WWW.NARUC.ORG/CPI-PAST-EVENTS/

CPI Innovation Webinar Series (monthly, Thursdays 3-4pm ET)	Winter 2019/20 topics: <ul style="list-style-type: none"> • Renewable Energy Options for Large Utility Customers • Dream Machine: The U.S. Energy Research & Development (R&D) Ecosystem • Using Energy Efficiency to Meet Peak Electricity Demand
Cybersecurity Manual (2019)	Includes glossary, preparedness evaluation tool, questions for utilities, and strategy development guide
NARUC-NASEO Task Force on Comprehensive Electricity Planning Resource Library (Nov. 2019)	Catalog of resources related to comprehensive electricity planning, on topics from data access to utility IRP best practices
Electric Vehicles: Key Trends, Issues, and Considerations for State Regulators (Dec. 2019)	Overview of EV questions facing commissions related to charging infrastructure, grid impacts, and rate design
Advancing Electric System Resilience with Distributed Energy Resources (Jan. 2020)	Review of state DER promotion policies and how they could support resilience
Electricity Resilience and State Energy Regulators: Key Questions and Considerations (Jan. 2020)	Set of questions and annotated references for delving deeper into state-specific resilience planning

UPCOMING EVENTS AND RESOURCES WWW.NARUC.ORG/CPI

NARUC Winter Policy Summit	February 9 – 12 in Washington, DC
CPI Innovation Webinar Series (monthly, Thursdays 3-4pm ET)	Upcoming topics: <ul style="list-style-type: none"> • February 20: <i>Who you Gonna Call? How Commissioners Coordinate with their Partners During Energy Emergencies</i> • March 19: <i>The Electron Superhighway: Modernizing U.S. Transmission Infrastructure</i>
Recent Changes to U.S. Coal Plant Operations and Current Compensation Practices (Jan. 2020)	Report on recent changes in operations of coal plants. Webinar Jan. 27, 2-3pm ET
Coal Ash Law and Commercialization: Questions and Opportunities for State Regulators (Feb. 2020)	Report on history of coal ash regulations and laws and relevance to PUCs. Webinar Jan. 30, 2-3pm ET
NARUC-NASEO Microgrids State Working Group Workshop (Feb. 2020)	Working group members (and other state representatives) will gather to share progress and barriers in microgrids deployment. February 12 – 13 in Washington, DC
Smart Grid Interoperability: Prompts for State Regulators to Engage Utilities (Feb. 2020)	List of questions for commissions to ask utilities related to interoperability
Smart Grid Interoperability Learning Modules (Spring)	Short video-based training on interoperability topics
Southeastern Distribution Systems & Planning Training (Mar 2020)	Two day training, open to NCEP state members. March 11 – 12 in Jackson, MS

STATE WORKING GROUPS WWW.NARUC.ORG/CPI

CPI recently launched three new working groups for members:



Electric Vehicles State Working Group



NARUC-NASEO Microgrids State Working Group



Performance-Based Regulation State Working Group



Upcoming NRRI Webinar: PURPA Perspectives

January 29, 2:00-3:30 pm ET

www.naruc.org/nrri



National Association of Regulatory Utility Commissioners (NARUC)

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National Association of State Energy Officials (NASEO)

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About NASEO



- Only national non-profit organization whose membership includes the 56 governor-designated energy officials from each state and territory
- Improves the effectiveness of state energy programs and policies
- Six regions across the nation to aid in sharing lessons learned for successful policy and program replication
- Acts as a repository of information on issues of particular concern to the states and their citizens (e.g., grid modernization, energy resilience, energy security, cybersecurity, energy equity, energy-air integration)
- Committee structure includes, Electricity, Energy Security, Buildings, Financing, Transportation, Government Affairs
- Serves as the voice of SEOs in Washington, D.C.

+ NASEO Current Selected Projects

NASEO-NARUC Grid-Interactive Efficient Bldgs Working Group

<https://naseo.org/issues/buildings/naseo-naruc-geb-working-group>

NASEO-NARUC Microgrids Working Group

Volkswagen Settlement and REV West

<https://www.naseo.org/issues/transportation>

Energy Security

<https://www.naseo.org/energyassurance>

Building Energy Codes

<https://www.naseo.org/issues/buildings>

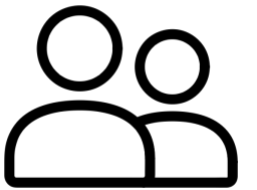
U .S. Energy & Employment Report

<https://www.naseo.org/issues/energy-jobs>

NARUC-NASEO Comprehensive Electricity Planning Task Force

State Energy Planning

<https://www.naseo.org/energyassurance>





NASEO Most Recent Publications

- NASEO & EFI, "[The 2019 U.S. Energy & Employment Report](#)" (2019)
- NASEO, "[Residential Grid-Interactive Efficient Building Technology and Policy: Harnessing the Power of Homes for a Clean, Affordable, Resilient Grid of the Future](#)" (October 2019)
- NASEO, "[Grid-interactive Efficient Buildings: State Briefing Paper](#)" (October 2019)
- NASEO, "[Roadmapping: A Tool for States to Advance Load Flexibility and Grid-interactive Efficient Buildings](#)" (November 2019)
- NASEO, "[Alternative Fuel Vehicles and Emergency Plans: A Planning and Policy Report for Utah](#)" (November 2019)
- NASEO, "[Considerations for Grid-interactive Efficient Buildings \(GEB\) Pilot Projects](#)" (December 2019)



**Grid-interactive
Efficient Buildings:
State Briefing Paper**



*NASEO-NARUC
Grid-interactive Efficient
Buildings Working Group*





NASEO Upcoming Projects and Events

■ Upcoming Publications and Projects

- Energy Sector Cybersecurity Planning Guide for State Energy Officials
- Cyberinformation Sharing White Paper (with NARUC)
- U.S. Energy & Employment Report 2020 (with EFI)
- Rural Data Resources for State Energy Planning and Programs
- CORWest: Working with the REV West states and their Clean Cities Coalitions to advance EV adoption in the intermountain states
- Energy Equity Taskforce

■ Upcoming Events

- NASEO Energy Policy Outlook Conference & Innovation Summit
February 4-7, 2020 Washington, DC
 - NARUC NASEO Microgrid In-Person Meeting (States Only)
February 12-13, 2020 Washington, DC
 - NASEO Regional Meetings
 - NASEO Webinars
 - Energy Assurance Workshops
- [\(see NASEO website for details for upcoming events\)](#)



Questions and Contact



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National Governors Association (NGA)

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Governors' Energy Policy Actions

Dan Lauf, Program Director
NGA Center for Best Practices
Energy, Infrastructure & Environment Division

January 23, 2019
NCEP Webinar

What is NGA?

Founded in 1908, the National Governors Association is the nonpartisan organization of the nation's 55 governors. Through NGA, governors share best practices, address issues of national and state interest and share innovative solutions that improve state government and support the principles of federalism.



NGA Services

NGA SOLUTIONS

The NGA CENTER FOR BEST PRACTICES is the only research and development firm that directly serves the nation's governors. Areas of expertise inside the division grow aptitude in five key public policy areas being shaped in the states.

NGA ADVOCACY

The mission of NGA GOVERNMENT RELATIONS is to ensure governors' views are represented in the shaping of federal policy. The collective policy positions, reflecting governors' principles on priority issues, guide the association's efforts.

NGA CONSULTING

NGA provides leadership assistance targeting the complete life-cycle of an administration—from election day through the final year in office. NGA Consulting offers services, resources and training, as well as a one-of-a-kind spouses' program.

NGA Center for Best Practices. Energy, Infrastructure & Environment



Provide governors **state-based** energy, infrastructure and environment **solutions** that **enhance outcomes** for: economic development, mobility, sustainability, reliability, resiliency, health and safety.



Recent Products

[State Energy Toolkit](#)

[Transportation Electrification: States Rev Up](#)

[State Protection of Critical Energy Infrastructure Information \(CEII\)](#)

[Smart & Safe: State Strategies for Enhancing Cybersecurity in the Electric Sector](#)

[State Policy Support for Nuclear Generation](#)

Papers in the Works

On topics including:

- Energy efficiency
- Strategies to meet governors' clean energy goals
- Integrating electric vehicles into the grid
- Cybersecurity governance bodies
- Cybersecurity coordination and information sharing
 - (in partnership with NARUC and NASEO)

2020 Projects

Infrastructure Resilience and Security:

- Energy Security Virtual Resource Center
- State (energy) Resilience Assessment & Planning Tool (SRAP Tool)
- Regional Energy Security Workshop
- GridEx V State Technical Assistance

Clean Energy

- Clean Energy Regional Workshops
- Transportation Electrification National Workshop

Energy Efficiency and Affordability

- Rural Energy Affordability Roundtable
- Energy/Water Nexus Learning Lab (applications due today)

Annual Governors' Advisors Energy Policy Institute (June 2020)

Thank you!

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National Governors Association (NGA)

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National Conference of State Legislatures (NCSL)

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NCSL

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NCSL Overview

□ Bipartisan Organization:

- Serves the 7,383 legislators and 30,000+ legislative staff of the nation's 50 states, commonwealths and territories

□ Activities

- Research and information on topics of interest to the states
- Technical assistance and training
- Opportunities for policymakers to exchange ideas
- Lobbying at the federal level for states' interests



Energy Legislative Trends

- Alternative Fuels & Vehicles
- Clean Energy
- Cybersecurity
- Energy Efficiency
- Energy Security & Resilience
- Energy Storage
- Fossil Fuels
- Grid Modernization
- Infrastructure
- Workforce Development



Recent Publications

- ❑ Modernizing the Electric Grid: State Role & Policy Options
- ❑ Infrastructure Article: State Legislatures Magazine
- ❑ Engagement between PUCs & Legislatures



NATIONAL CONFERENCE of STATE LEGISLATURES

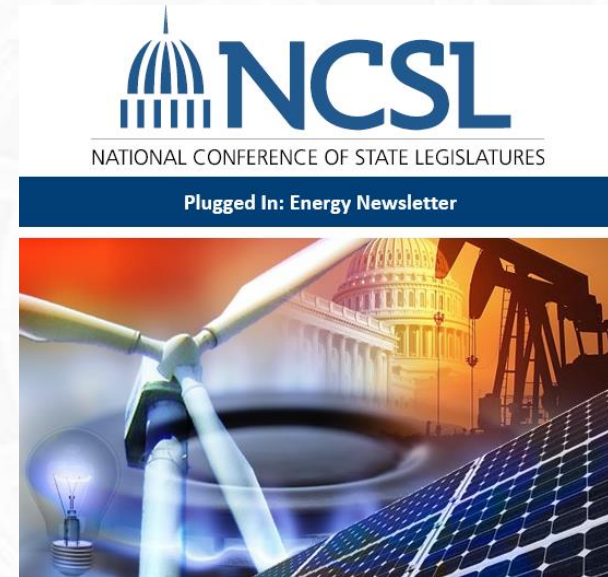
Upcoming Resources

- ❑ Cybersecurity & the Electric Grid
- ❑ 2019-2020 Legislative Trends
 - ❑ [2018 Trends Report](#)
- ❑ Special fees on Electric Vehicles
- ❑ Charging Infrastructure: Role of Utilities & Electricity Regulations
- ❑ Webinars & meetings later in the year



Contact and Resources

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- [NCSL Energy Legislative Database](#)
- [Plugged In: NCSL's State & Federal Newsletter](#)
- [NCSL Energy Publications List](#)





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National Association of Clean Air Agencies (NACAA)

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www.electricitypolicy.org
all resources

www.naruc.org/mynaruc
to be placed on the listserv