

# NARUC-NASEO Task Force on Comprehensive Electricity Planning

*Informational Webinar*

*Danielle Sass Byrnett, NARUC*

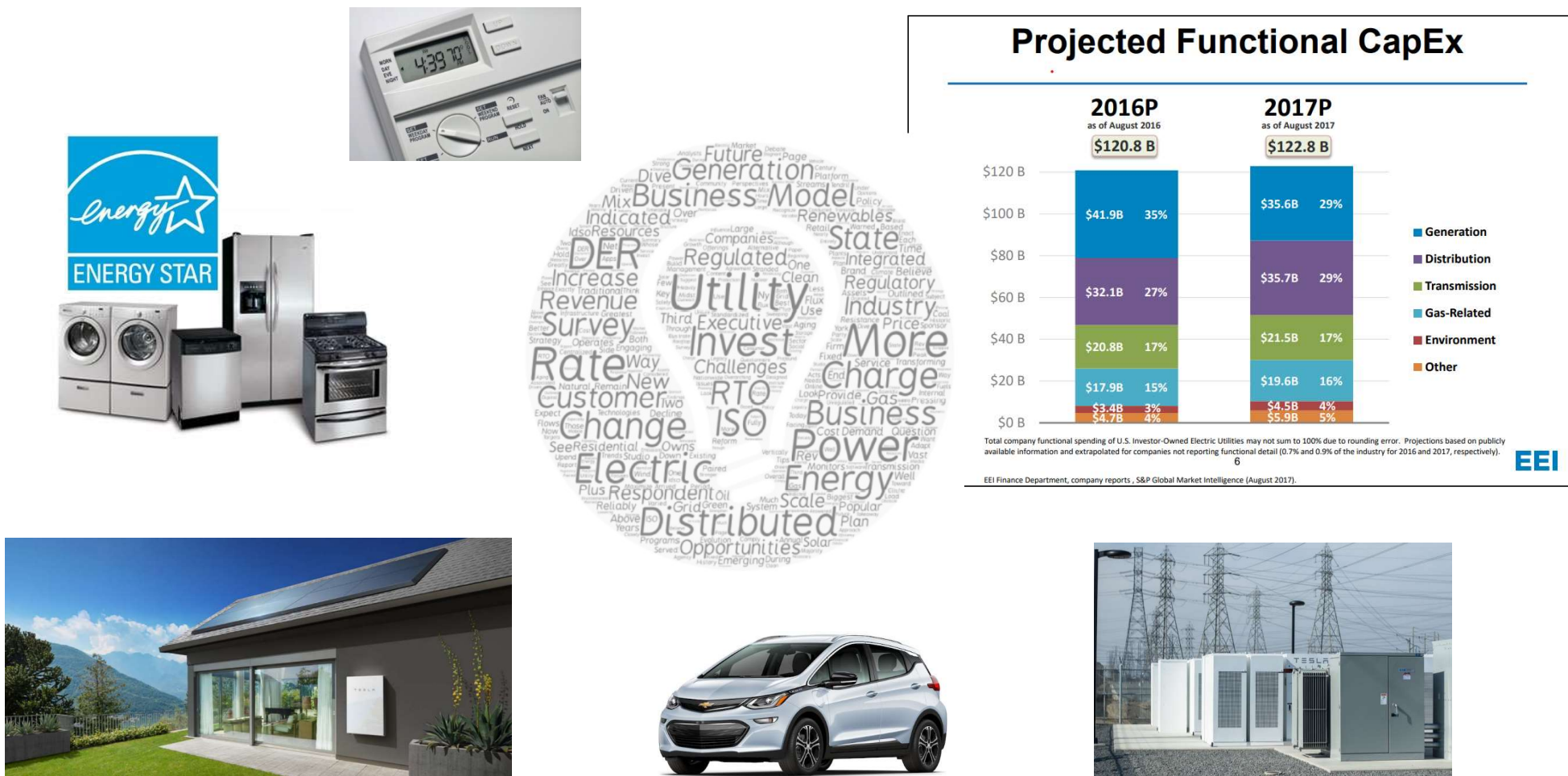
*Rodney Sobin, NASEO*

*December 13, 2018*

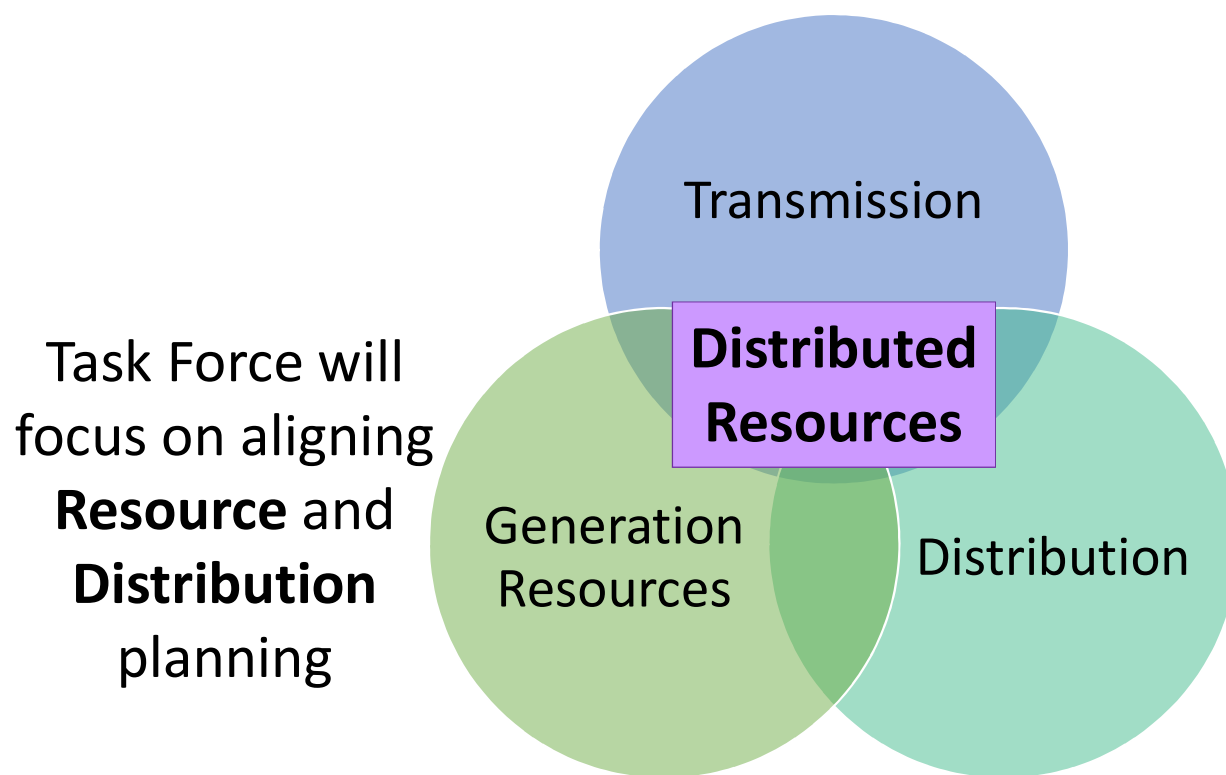
## Today's Call

1. **Background**
2. **Overview and Status**
3. **Multi-Year Project Plan**
4. **Task Force Leadership & Support**
5. **Participation**
  - Participant Commitment
  - Who Should Join
  - Why Join
6. **Monthly Timeline for Year 1**
7. **Roles of Stakeholders & Others**
8. **How to Apply**
9. **Questions**
10. **Bonus: Preview of Upcoming NASEO-NARUC Grid-Interactive Efficient Buildings Working Group**

# What's Happening in the Electricity System Right Now?



# Electricity Planning and Investment Decisions are Inter-Related



With greater alignment of electricity planning processes, states & utilities could:

- Improve reliability and resilience
- Optimize use of distributed and existing resources
- Avoid unnecessary costs
- Support state priorities
- Increase transparency of investment decisions

# NARUC-NASEO Task Force

**Purpose: Develop new pathways for aligned electricity planning**

- **4 workshops over 2 years (start spring 2019)**
  - Two member-only workshops
  - Two member-stakeholder workshops
- **12 to 15 states**
  - Commission and state energy office from each state working together
  - Participants TBA February 2019

# Targeted Outcomes

## 1. **Innovation:** Pioneer new tools and roadmaps for aligning planning to meet state needs

- Participants will convene in multi-state cohorts with others operating in similar market, regulatory, and policy environments

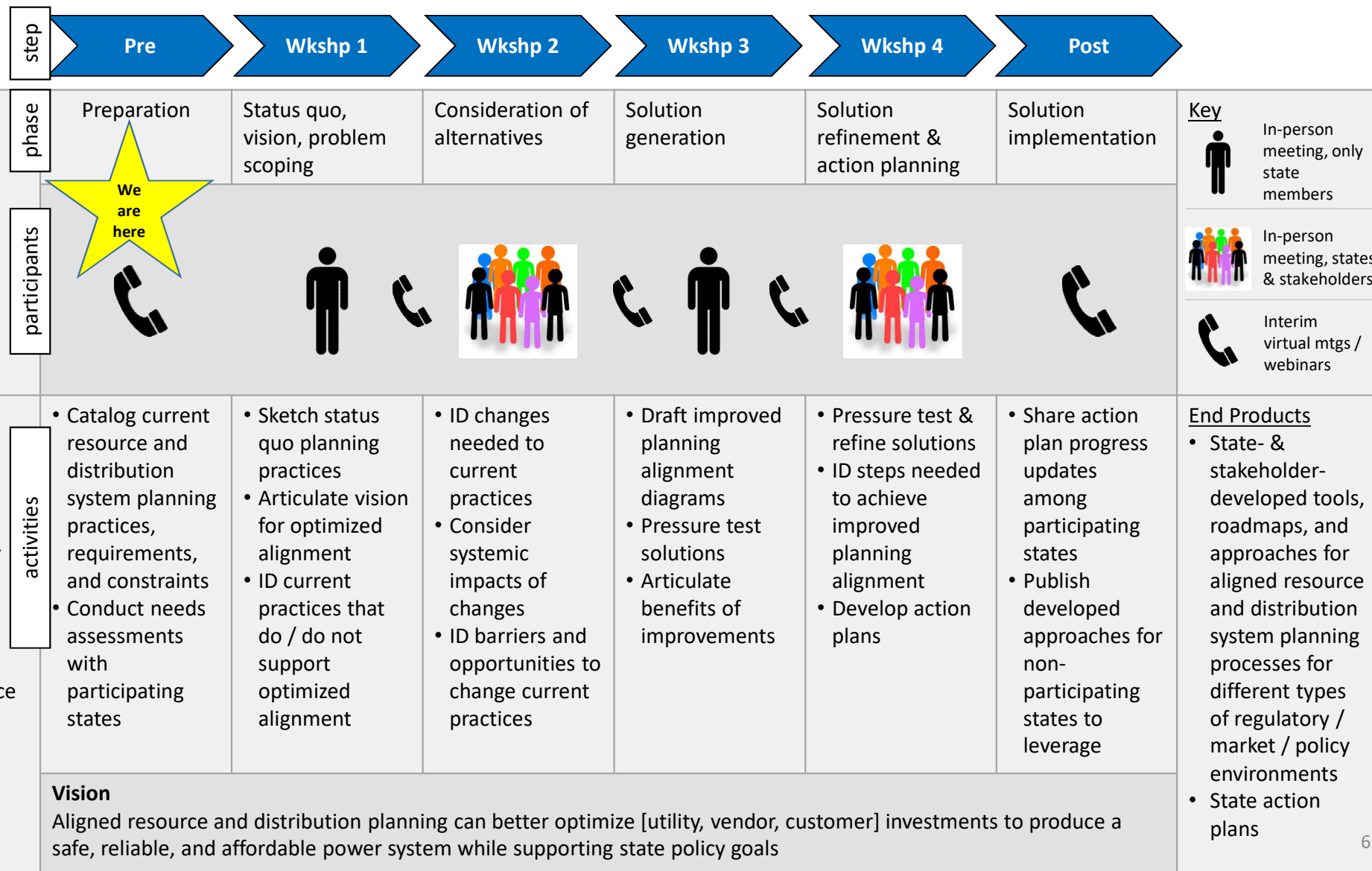
## 2. **Action:** Apply insights to directly benefit your state

- Each state will develop concrete steps / an action plan at the end of the initiative

## 3. **Replication:** NARUC and NASEO will publish templates to support all members

*Participants will be supported by each other, technical experts, and facilitators*

## Task Force Process





**NARUC**  
National Association of Regulatory  
Utility Commissioners



## Task Force Co-Chairs



Hon. Jeff Ackermann  
Chairman  
Colorado Utilities  
Commission



Dr. Laura Nelson  
Executive Director  
Utah Office of  
Energy  
Development

## Task Force Co-Vice-Chairs



Hon. Beth Trombold  
Commissioner  
Public Utilities  
Commission of Ohio



Dr. Andrew McAllister  
Commissioner  
California Energy  
Commission

# Task Force Support

## **Core Team:**

- Danielle Sass Byrnett, NARUC
- Rodney Sobin, Stephen Goss, Shemika Spencer, NASEO
- Johanna Zetterberg, Virginia Castro, U.S. DOE/EERE
- Joe Paladino, U.S. DOE/OE
- Paul DiMartini, Newport Consulting
- Samir Succar, ICF
- Lorenzo Kristov
- Carl Linvill, John Shenot, RAP

## **Funding and Technical Support provided by:**

- U.S. Department of Energy (DOE) Office of Electricity (OE)
- DOE Office of Energy Efficiency and Renewable Energy (EERE)

Travel stipends available for up to 3 participants per state



# Participant Commitment

**State Public Utility Commissioner**

**State Energy Office Director / Deputy Director**

*Optional:* one additional state government official

**Required:**

- Attend and engage in all 4 in person sessions (April & Oct. 2019 & 2020)
  - First workshop: 1<sup>st</sup> or 2<sup>nd</sup> week in April (likely Denver, CO)
  - 2 days of meeting time over 3 days
- Participate in 3 phone interviews over 2 yrs: pre-workshop, mid-course, post-effort
- Review near final products
- Develop state-specific action plans

***Optional:***

- Attend distribution systems and planning training (March 7-8, 2019, Washington DC)
- Attend webinars between workshops to advance learning

# Who Should Join

<b>State Participants</b>	<p>State public utility commissioner AND State energy office leader</p> <ul style="list-style-type: none"> <li>• 2 to 3 people representing each of 12 to 15 states</li> <li>• Each state will determine participants, based on how planning occurs in the state <ul style="list-style-type: none"> <li>• Likely includes commissioner, energy office leader, and a senior PUC staff person; but third slot could be senior DEQ official, governor's advisor, etc.</li> </ul> </li> </ul>
<b>Potential Participating States</b>	<p>Have Active / Anticipated Proceedings or Explorations:</p> <ul style="list-style-type: none"> <li>• Grid modernization, distribution system planning, distributed energy resources, hosting capacity analyses, etc.</li> </ul> <p>Face PUC / SEO Coordination Needs:</p> <ul style="list-style-type: none"> <li>• SEO drafts forecasts or IRP; PUC authorizes utility investments</li> <li>• SEO runs DER programs; PUC oversees utility DER investments</li> <li>• SEO manages state energy plan development; PUC decisions impact realization</li> </ul>
<b>Task Force Composition</b> (~35 travel stipends available)	<p>Seeking overall diversity in:</p> <ul style="list-style-type: none"> <li>• Geography / region</li> <li>• Market model</li> <li>• Stage of proceedings / in state actions</li> <li>• Role of commissions / state energy offices</li> </ul>

# Why Join?

## **Task Force participation gives you an opportunity to:**

- Support state priorities while learning from peers and experts
- Find space to innovate on a vision and path for future electricity planning processes
- Engage in a creative, collaborative process with stakeholder representatives outside of proceedings
- Forge new partnerships within your state and with other states in similar situations

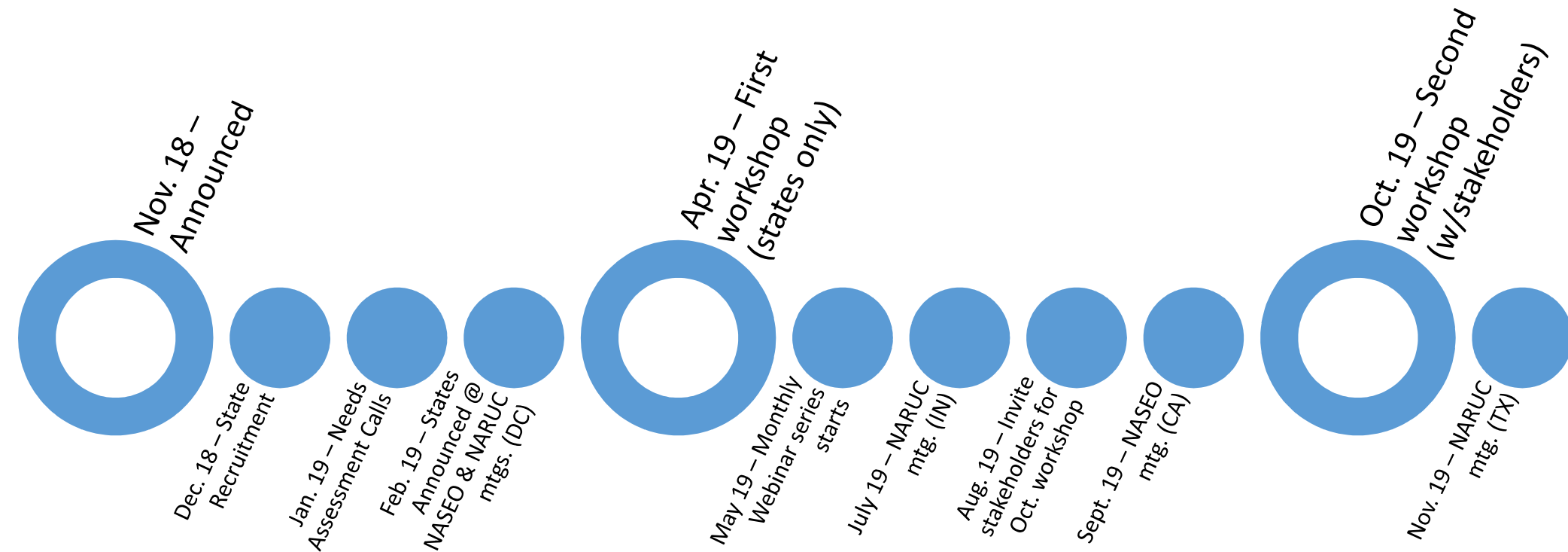
## **If You Can't Join:**

NARUC and NASEO will share ongoing efforts with members through:

- Sessions at NARUC and NASEO meetings
- Materials developed for the Task Force
- Webinars for Task Force participants

Consider participating in the NASEO-NARUC Grid Integrated Efficient Buildings Working Group

# Draft Monthly Timeline for Year 1



# Stakeholders & Others

## Advisory Group:

- Provide input to Core Team re: process steps, workshop agendas, webinars
- Review product development plans and deliverables
- Ex.: Former commission staff, former utility / government executives, expert consultants, economists, engineers

## Subject Matter Experts:

- Present at workshops (limited) and on webinars re: specific topics
- Share relevant resources and publications that answer participant questions
- Ex: DOE national labs (LBNL, NREL, PNNL, ORNL), NGOs (RMI, SEPA, NRRI, etc.), consultants (Synapse, Brattle)

## Key Stakeholders:

- Will be invited to 2<sup>nd</sup> & 4<sup>th</sup> workshops to share representative perspectives
- Ex.: EEI members, PJM/MISO/etc, NASUCA members, technology providers, AEE/SEPA members, NAESCO members, governors' energy advisors, Legislative Energy Horizons Institute members

## Other Interested Parties

- Added to distribution list for email updates

# How to Apply

- **Letter of Intent Due JANUARY 18, 2019**
  - Name participants from both Commission and Energy Office
  - Agree to attend 4 in person workshops over 2 years and actively engaging throughout
  - Agree to develop state-specific action steps at the end of the initiative
  - Note whether travel funding is needed
  - State why your participation would be valuable for your state and valuable for the Task Force
- Sample available; will be sent to all webinar registrants
- Submit to: [PlanningTaskForce@naruc.org](mailto:PlanningTaskForce@naruc.org)
- Questions: Danielle Sass Byrnett, [dbyrnett@naruc.org](mailto:dbyrnett@naruc.org) or Rodney Sobin, [rsobin@naseo.org](mailto:rsobin@naseo.org)

# Questions

## **+ Grid-Interactive Efficient Buildings:**

### **Facilitating State-Supported Research Coordination and Analysis, and Development of State-Led Pilots**

- Advancing technologies opens opportunities:
  - More impactful, flexible load management--reduce peaks, “dispatch” buildings
  - Integrate variable resources, storage
  - Improve energy efficiency
- DOE, states, utilities would benefit from greater exchange to:
  - Understand technological status and trends
  - Inform federal, private, and state RD&D decisions
  - Clarify electric system (consumer and grid-facing) requirements
  - Identify opportunities and impediments
  - Recognize temporal and locational value of energy efficiency and other distributed resources
  - Enhance energy system reliability, resilience, and affordability



## **+ Grid-Interactive Efficient Buildings:**

### **Facilitating State-Supported Research Coordination and Analysis, and Development of State-Led Pilots**

- **NASEO-NARUC State Working Group**
  - SEOs, PUCs, DOE reps, invited experts – ~10 states
  - Inform states on the status of GEB research and technological gaps
  - Identify state market issues that foster or hinder GEB integration
  - Inform GEB RD&D priorities and potential pilots
  - Conference calls, webinars, briefing papers, Fall 2019 workshop
  - Work with states engaged in distribution planning
- **Utility Working Group (led by ACEEE)**
  - Complementary engagement of utilities (IOUs, co-ops, munis)
  - Research, technological gaps, workforce issues
  - Issues supporting or hindering GEB integration
  - Inform RD&D, pilots, and programs
  - Webinars, resources, technical assistance

## + Grid-Interactive Efficient Buildings:

Facilitating State-Supported Research Coordination and Analysis, and Development of State-Led Pilots

- NASEO and NARUC announcement and state recruitment:

Informational webinar for states early January  
To be announced soon - Stay tuned!

Questions/inquiries:

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