



Governors' Energy Policy Institute

July 17 - 19, 2019

**National Governors Association
Center for Best Practices**

WIFI

Network: IHGConnect

Password: mspsp

#WeTheStates



Welcome & Opening Remarks

Sue Gander, Division Director, Energy, Environment &
Infrastructure, National Governors Association

Dan Lauf, Energy Program Director, Energy, Environment &
Infrastructure, National Governors Association

#WeTheStates



LATE 201



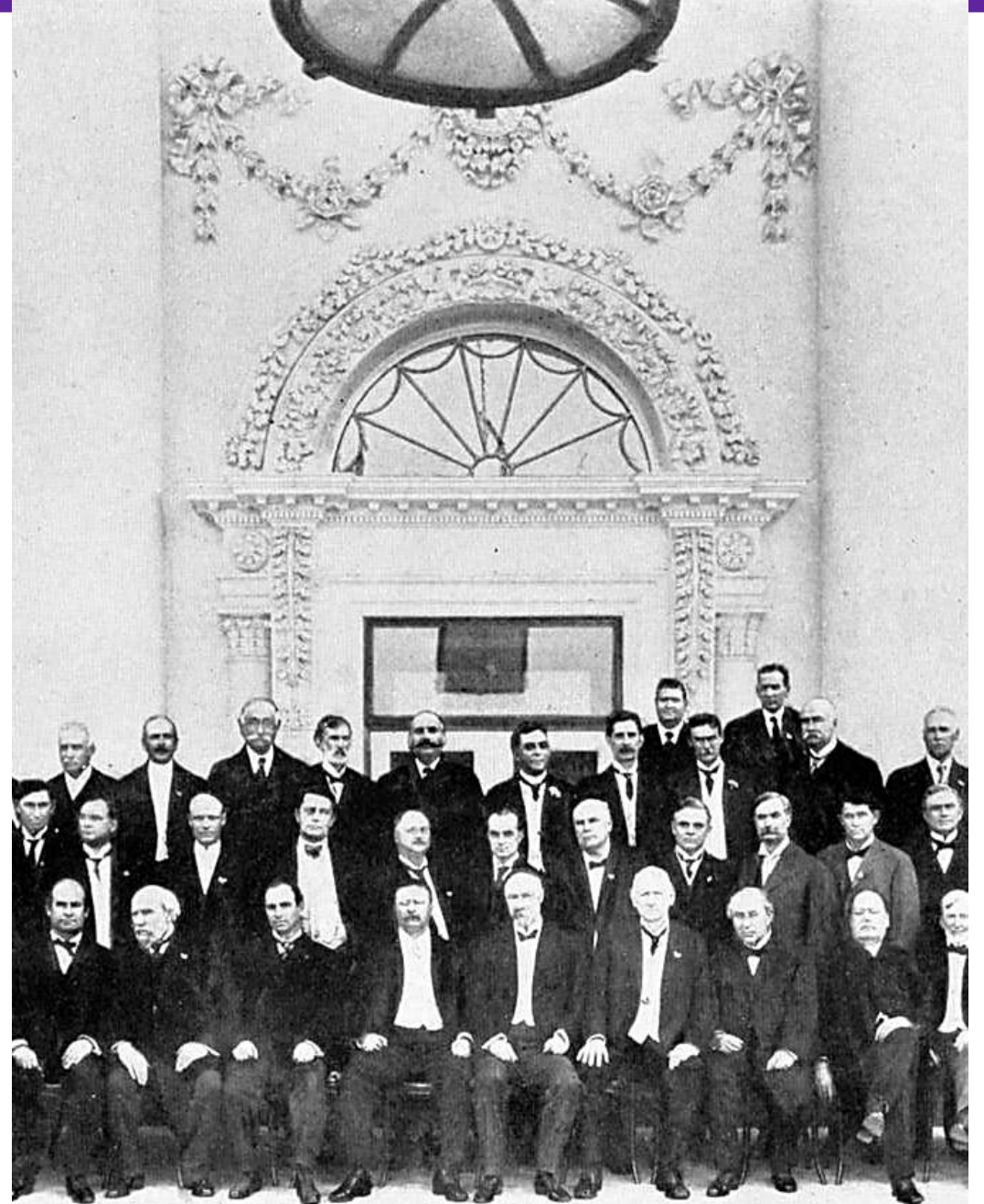
@NatlGovsAssoc #WeTheStates

EIE@nga.org

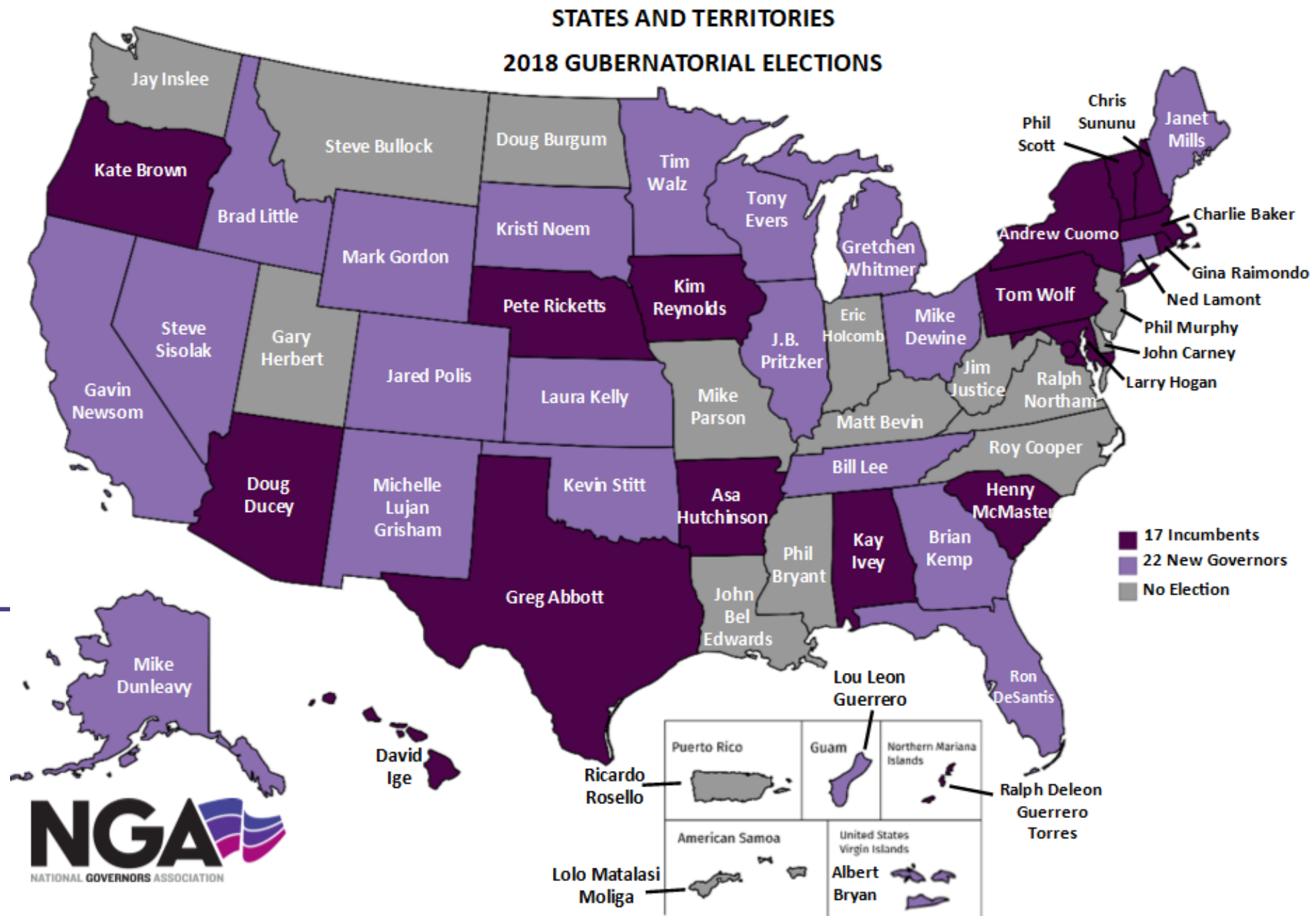


About NGA

Founded in 1908, the National Governors Association (NGA) is the collective voice of the nation's governors. Our members are the governors of the 55 states, territories and commonwealths. NGA provides governors and their staff with services that range from representing states on Capitol Hill and before the Administration to developing and implementing innovative solutions to public policy challenges through NGA Solutions -- Center for Best Practices.



Serving 22 NEW Governors in 2019



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 GLOBAL

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 FUTURE

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 PARTNERS

NGA's Technical Assistance Toolkit



Multi-State Meetings and Expert Panels:

Convenings to help governors' offices and state officials increase their understanding of issues and best practices through peer-to-peer exchanges and discussions with experts. The NGA Center organizes ~100 meetings annually.



Policy Academies:

Intensive technical assistance between policy experts and state teams over the course of one year (or more) to develop strategic action plans and begin to work towards tangible outcomes



Governors Response Team:

Tailored responses to governors' requests, which may consist of written analyses, on-site consultations or connections between states



Learning Labs:

Opportunities for state teams to learn about and replicate innovative initiatives across states



Webinars and Calls:

Ongoing opportunities to convey policy updates on a variety of issues of interest to governors and their staffs



Publications:

Issue briefs, papers, reports, and actionable road maps with policy guidance for governors and their staffs



Retreats:

Short gathering of state officials and external stakeholders for states to discuss policy issues, existing state solutions and develop consensus on next steps

NGA Center for Best Practices.

Energy, Infrastructure & Environment

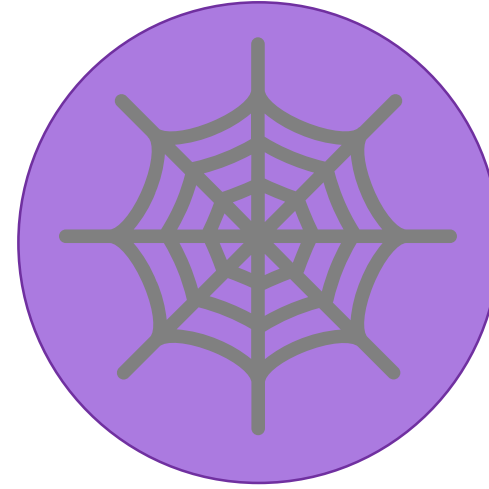


Provide governors **state-based** energy, infrastructure and environment **solutions** that **enhance outcomes** for: economic development, mobility, sustainability, reliability, resiliency, health and safety.

ENERGY, INFRASTRUCTURE & ENVIRONMENT DIVISION



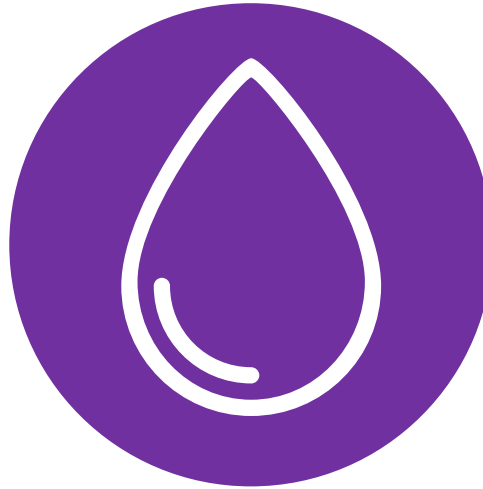
CONNECTIVITY



**RESILIENCE &
SECURITY**



ENERGY



WATER



TRANSPORTATION

Energy, Infrastructure & Environment Division Leadership Team



Sue Gander

Division Director



Garrett Eucalitto

Program Director



Dan Lauf

Program Director



Jessica Rackley

Program Director

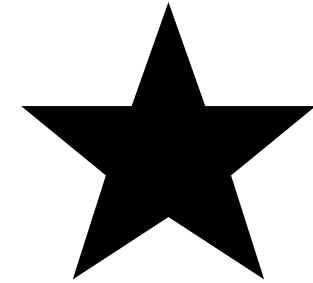
Senior Policy Analysts



Bevin Buchheister



Alyse Taylor-Anyikire

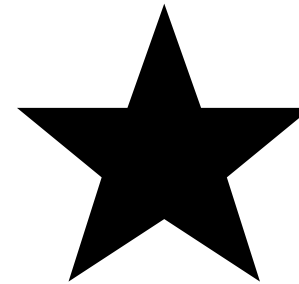


Position Posted

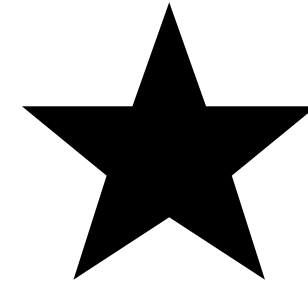
Policy Analysts



Matthew Rogotzke

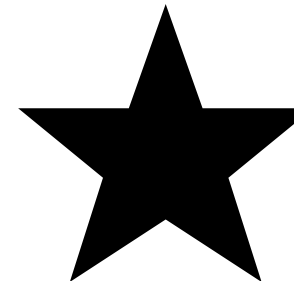


Jake Varn



Position Posted

Program Support



David Peters

Energy, Infrastructure & Environment: 2018 In Review

3

Learning Labs

4

Publications
(Reports, Roadmaps, Whitepapers, Etc.)

4

Experts
Roundtables

5

Policy Institutes,
Workshops & Summits

7

In-State Retreats

10

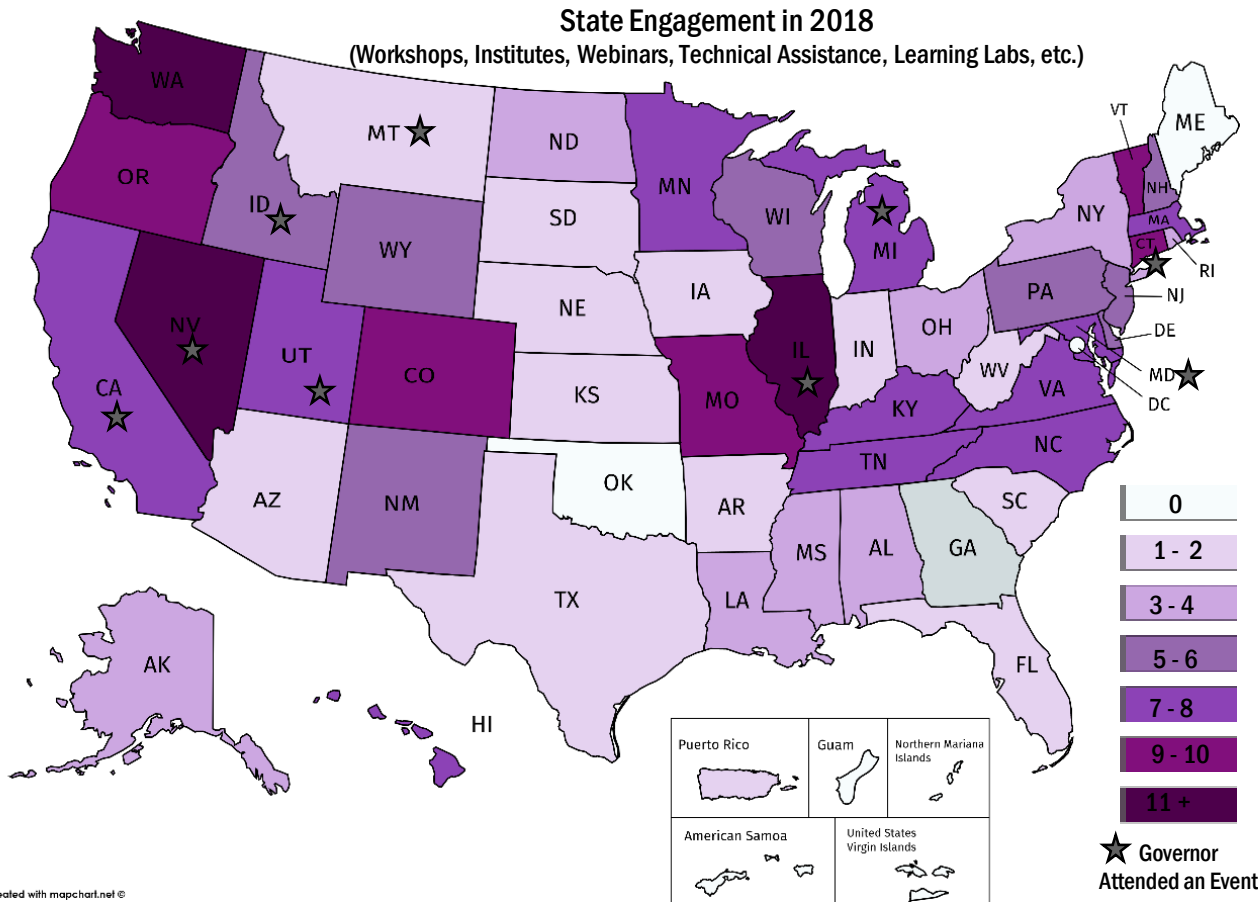
Webinars

15

Technical Assistance
Memos for States at Their
Request

20+

outside events
featuring an EET
speaker



State Participation

Attendance at NGA
Events - January 2018 -
April 2019

Territories:

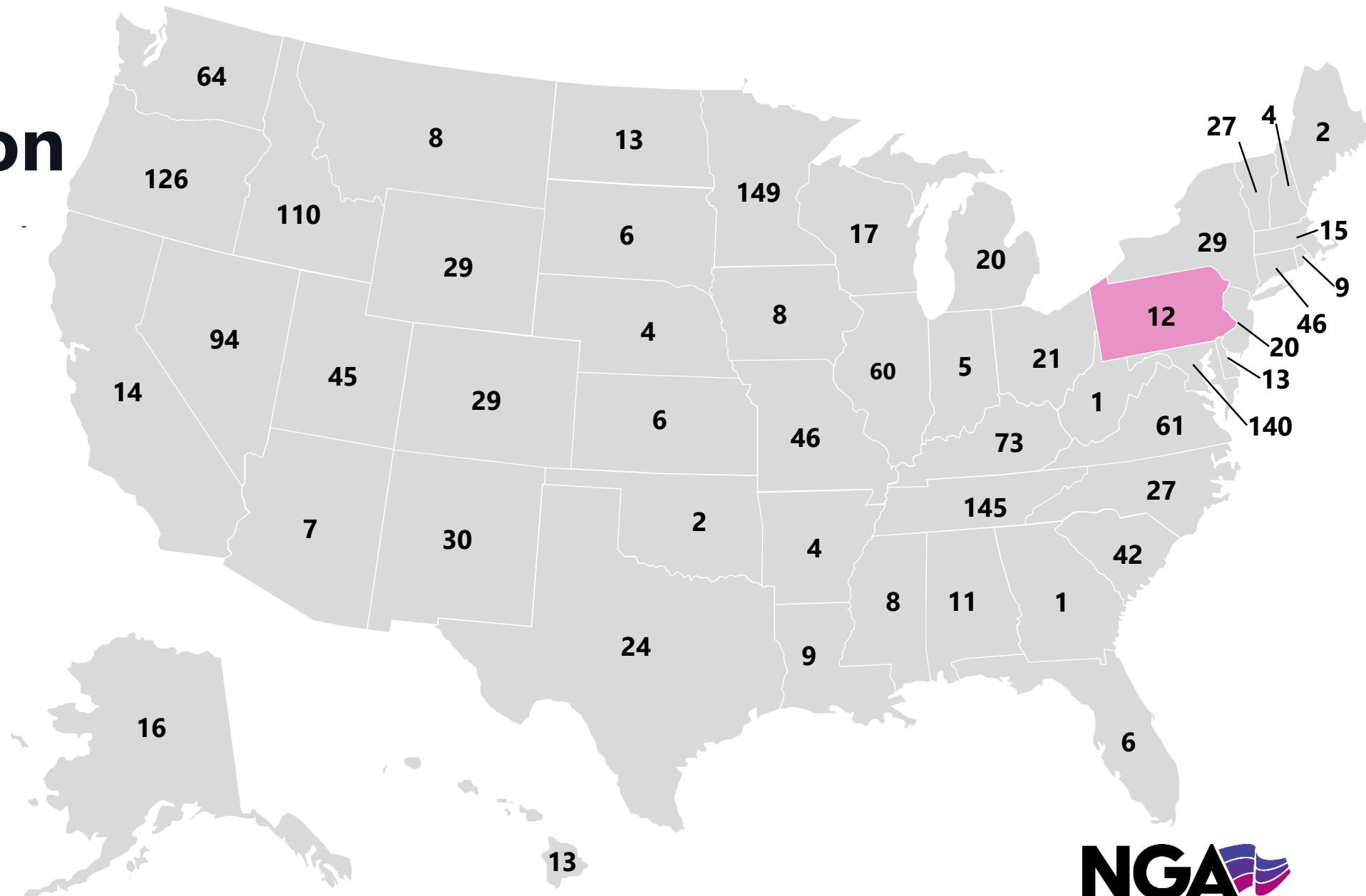
American Samoa: 1

Guam: 1

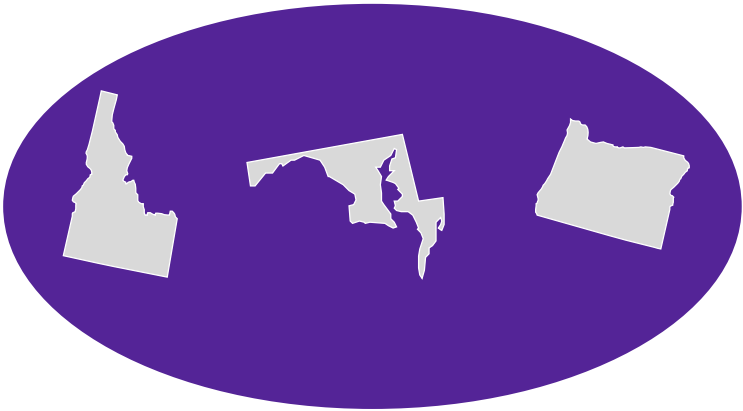
**Northern Mariana
Islands: 1**

Puerto Rico: 1

USVI: 1



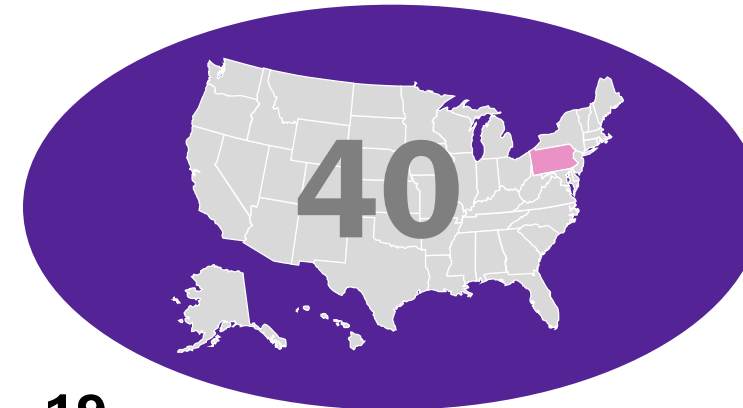
State Outcomes



Idaho, Maryland and **Oregon** completed a detailed energy resiliency assessment of their states using a new NGA planning tool. NGA helped each state convene stakeholders to develop a list of action items to address key needs.



With support from the NGA, **Colorado, Nevada, New Jersey, North Dakota** and **Virginia** developed a detailed action plan to support their transition to a “smarter” state, including key steps to enhance data governance and support the build out of communications networks.



40 state teams attended one of four regional transportation electrification workshops (final one is next week) and developed list of state/regional action steps

NGA 2019-2020 Chairs Initiative

Maryland Governor Larry Hogan



INFRASTRUCTURE SUMMITS FOR FOUR PILLARS

- ☐ Congestion Relief
 - ☐ August 26-27
 - ☐ Boston

- ☐ Protecting Critical Infrastructure
 - ☐ Oct 17-18
 - ☐ Detroit

- ☐ Cutting Red Tape
 - ☐ January
 - ☐ San Francisco

- ☐ Financing the Future
 - ☐ May
 - ☐ Phoenix, AZ

Power Sector Modernization

Recent Projects

- 2016 Experts Roundtable on Grid Modernization Technologies and State Policy Options
- 2017-18 Power Sector Modernization Policy Academy (KY, OR, RI, WA)
- Global Energy Solutions Summit (March 28-29, 2019)
- Transportation Electrification Regional Workshops (Winter – Spring, 2019)

Publications

- [*Powering Up: State Trends for Advancing the Use of Energy Storage*](#) (11/2017)
- [*Grid Smarts: State Considerations for Adopting Grid Modernization Technologies*](#) (11/2017)
- [*Opportunities for Governors to Align Electricity Markets with State Energy Policy Goals*](#) (11/2017)
- [*State Policy Support for Nuclear Generation*](#) (7/2019)

Energy Security and Resilience

Recent Projects

- 2016 Grid Outage In-State Retreats (WA, WI)
- 2018 GridEx IV State After-Action Workshop (CT, IL, MA, SD, WI)
- 2018 State Resilience Retreats (ID, MD, OR)
- State Resilience Assessment & Planning Tool (beta version)
- Grid Outage Exercises (e.g., DOE Clear Path, NERC GridEx)

Resilience is the ability to:
*Withstand disasters better;
Respond and recover more
quickly; and Excel under
new conditions*

Publications

- [Improving State Coordination for Energy Assurance Planning and Response](#) (10/2016)
- [Preparing States for Extreme Electrical Power Grid Outages](#) (11/2016)
- [Executive Authority During Energy Emergencies: A Road Map for Governors](#) (7/2018)
- [Smart & Safe: State Strategies for Enhancing Cybersecurity in the Electric Sector](#) (5/2019)
- [Policy Scan: State Protection of Critical Energy Infrastructure Information](#) (7/2019)

Energy Efficiency

Recent Projects

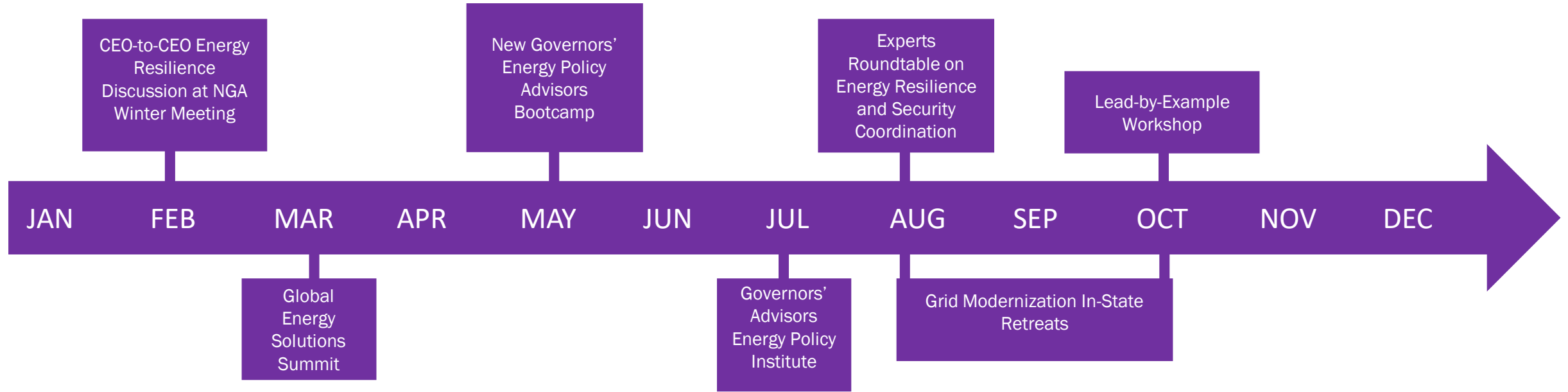
- 2016 Energy Efficiency Retreats (AK, MI, NH, VA)
- 2017 Lead by Example Retreats (MS, MD, NC, PA, WA)
- 2018 Lead by Example Workshop
- 2018 Energy Efficiency Experts Roundtable

Publications

- [Aligning Energy Efficiency and Demand Response to Lower Peak Electricity Demand, Reduce Costs and Address Reliability Concerns](#) (August 2016)
- [Advancing the Energy-Water Nexus: How Governors Can Bridge Their Conservation Goals](#) (June 2017)

2019 TIMELINE FOR NGA'S ENERGY POLICY LEARNING NETWORK

NGA's Energy Policy Learning Network is the premier energy policy resource for governors and their staff, focusing on a range of timely and relevant topics. Through the Network, governors' energy policy advisors have access to NGA resources, expertise, and consultations. They also have opportunities to convene, network, and share best practices with peers and experts.



GLOBAL ENERGY SOLUTIONS SUMMIT (MARCH)

NGA co-hosted the Global Energy Solutions Summit with the Embassies of Australia, Canada, and Denmark; it focused on three technology areas – offshore wind, energy storage, and carbon capture, utilization and storage. The Summit was held on March 28-29, 2019, in Washington, D.C., and paired examples of advancing these technologies in the U.S. and internationally.

ENERGY POLICY INSTITUTE (JULY)

The Annual Energy Policy Institute gathers state officials for peer-to-peer exchanges, strategy sessions, and discussions with national thought-leaders on a diverse set of energy policy issues. Topics discussed span the range of energy policy topics, addressing financing, regulation, planning, and innovation.

LEAD BY EXAMPLE WORKSHOP (OCTOBER)

NGA's Lead-by-Example (LBE) workshop (Oct. 2019) will help states better tap into opportunities to reduce energy consumption and expenses in public buildings. Topics covered will include innovative financing and models to incentivize greater state agency participation.



IN-STATE
RETREATS



MULTI-STATE
CONVENINGS



WRITTEN POLICY
BRIEFS



QUARTERLY WEBINAR
SERIES



ON-DEMAND TECHNICAL
ASSISTANCE



Upcoming 2019 Opportunities

Energy Efficiency

- Energy Efficiency Primer for Governors (Summer 2019)
- Lead by Example Financing Workshop (October 2019)

Energy Security and Resilience

- Energy Security and Resilience Coordination Experts Roundtable (Summer 2019)
- Energy Security and Resilience Coordination White Paper (Winter 2019)
- State Support for GridEx V (November, 2019)

Upcoming Power Sector Modernization

- Clean Energy Toolkit (Summer 2019)
- Grid Modernization In-State Retreats (Fall 2019)

On-Demand Technical Assistance

On-Demand State Technical Assistance

As-needed; quick turnaround

Direct Consultations

Remote or in-person

Quarterly Webinars

On a variety of topics; suggestions welcome!

Looking Ahead

Energy Efficiency

- Rural and agricultural efficiency
- Lead-by-Example
- Energy-Water Nexus

Energy Security and Resilience

- Energy and Infrastructure Resilience
- National and Regional Exercise Support
- State Governance for Energy Cybersecurity
- Regional Energy Security Coordination

Upcoming Power Sector Modernization

- Transportation Electrification
- Clean and Distributed Energy Integration