



*National Association of
State Energy Officials*

CSG Data Center Master Class Planning for Growth: Electricity, Transmission, and Grid Capacity

Kirsten Verclas, NASEO | September 23, 2026

Photo: Adobe



About NASEO

- The only national non-profit association for the governor-designated energy officials from each of the 56 states and territories
- Serves as a resource for and about the State Energy Offices through topical committees, regional dialogues, and informational events that facilitate peer learning, best practice sharing, and consensus building
- Advances the interests of the State and Territory Energy Offices before Congress and the Administration
- Learn more at www.naseo.org

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NASEO Programs and Priorities



Affordability



Buildings



Electricity



Financing



Security



Transportation



Planning



Innovation



Workforce



Sustainability



Solar



Policy



Resilience

State Energy Offices: Energizing America, Every Day

- Streamlining energy permitting, planning, and siting to create a more robust and modern electricity transmission and distribution system;
- Supporting the private sector in developing more electric generation from advanced nuclear, geothermal, natural gas, storage, and renewables;
- Promoting the use of modern, grid technologies such as advanced conductors, AI-automated load management solutions, and other grid-enhancing technologies;
- Reducing the risks of and impacts from energy supply disruptions caused by natural disasters and cyber and physical attacks to the electric grid and petroleum and natural gas fuel systems;
- Developing policies that support the nations critical energy-related minerals extraction, recovery, and processing supply chain;
- Improving the energy efficiency of homes, businesses, data centers and manufactures to lower energy costs for all Americans;
- Advancing workforce training and STEM education programs in partnership with energy companies and local governments; and
- Supporting private-sector research and innovation to deliver new energy storage and utilization options such as fusion, solid-state batteries, and geologic hydrogen.

State Policy Approaches to Data Centers

Common Incentives to Support Data Centers



SALES TAX
EXEMPTIONS



PROPERTY TAX
RELIEF



ELECTRICITY AND
UTILITY DISCOUNTS



WORKFORCE AND
TRAINING GRANTS

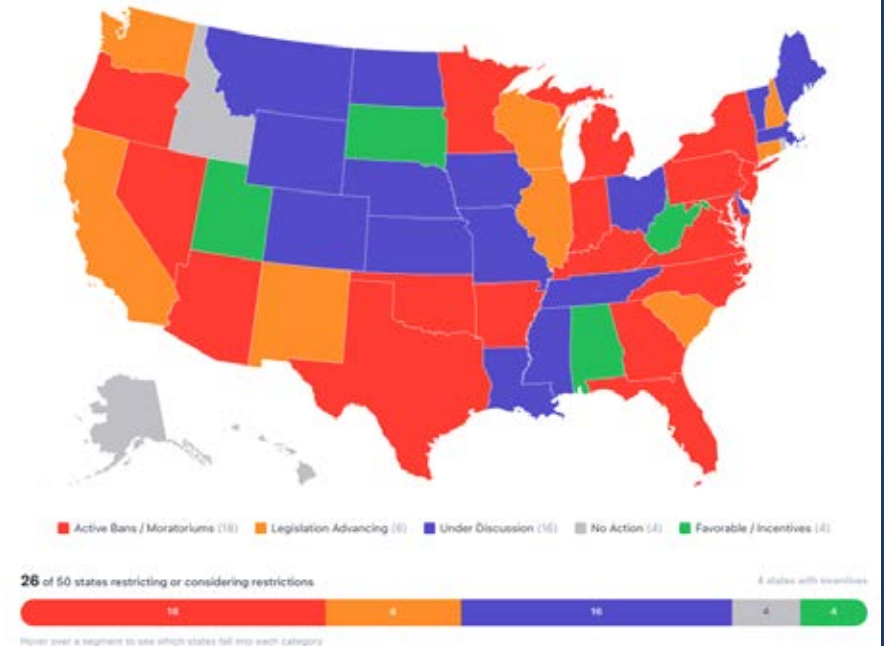
Policies Addressing Data Centers

- Temporary moratoriums
- Removing fast-track or by-right zoning so local communities and planning boards
- Banning state or municipal agencies from enforcing non-disclosure agreements (NDAs) with developers regarding power draw and resource usage
- Removing tax incentives
- Freezing new grid interconnections or capping on-site fossil fuel (natural gas or diesel) generation used for backup power
- Energy and water use reporting requirements.
- Requirement for sustainable design certification.
- New customer class, "large load" tariffs, and rules requiring developers to pay for their own grid upgrades.

Data Center Moratoriums

Tracking state-level data center legislation across the United States

Last updated September 21, 2023



State Energy Offices Roles in Planning for Growth

State Energy Planning



COMPREHENSIVE ENERGY
PLANNING



HAZARD MITIGATION
PLANNING

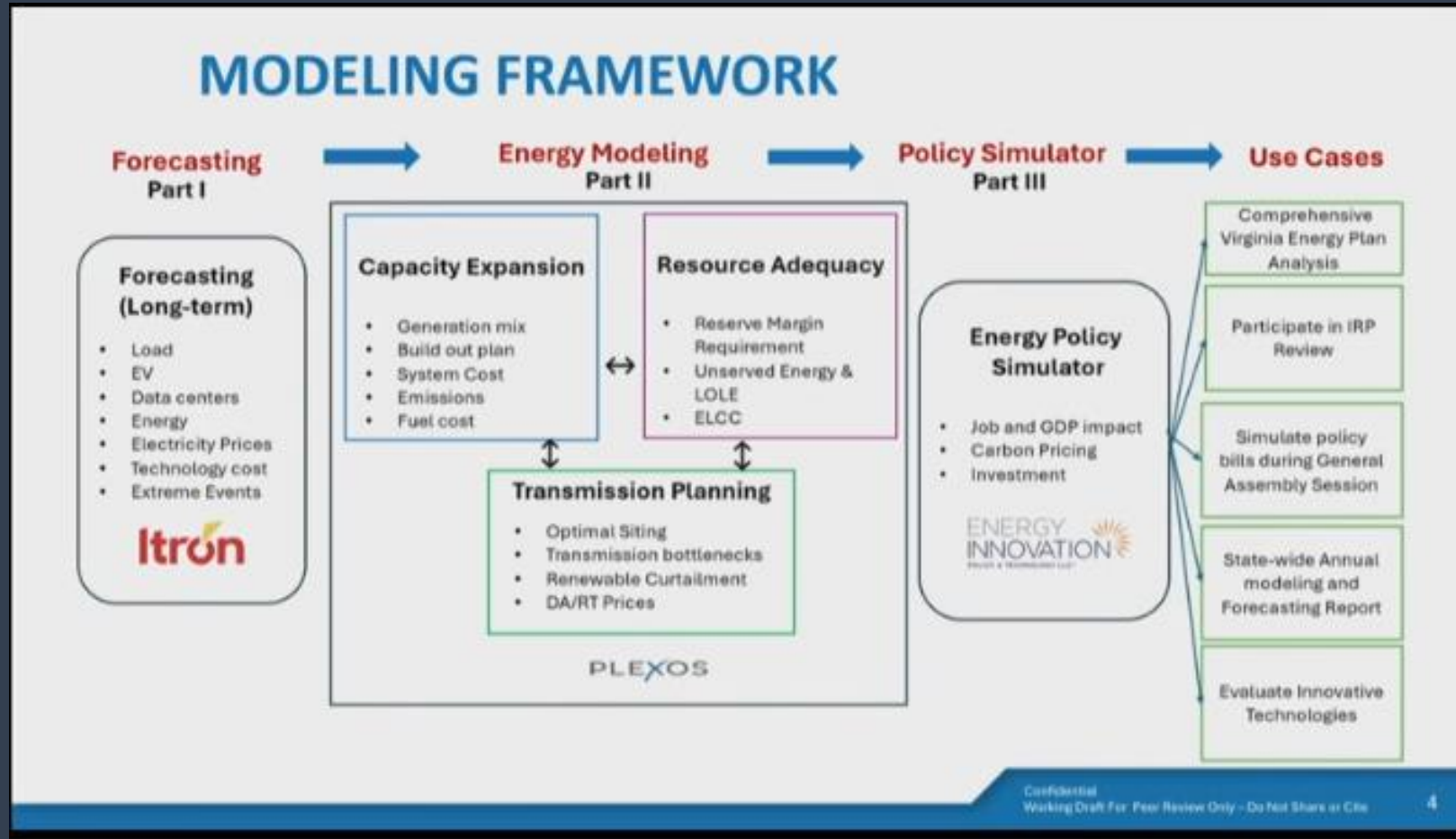


ELECTRICITY-RELATED
PLANNING



STATE ENERGY SECURITY
AND RESILIENCE PLANNING

Modeling and Load Forecasting – VA Example



Enabling Electricity System Growth



Increasing clean generation
(geothermal, advanced nuclear) and
ensuring resource adequacy



Pennsylvania Releases Nuclear Energy
Roadmap



Decreasing costs / increase
affordability



New Jersey Enacts Measures to Lower
Electricity Costs and Address Data
Center Demand

Enabling Electricity System Growth



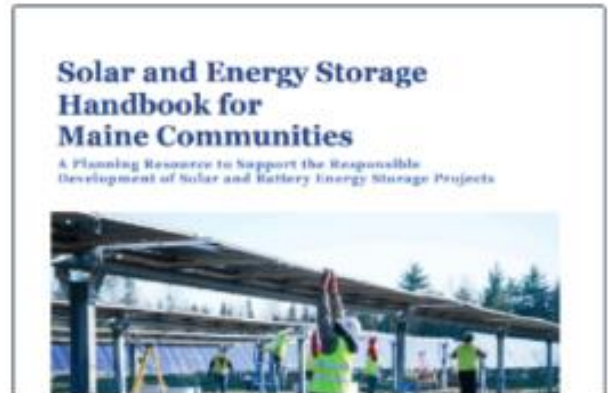
Enabling greater efficiency in the system



New York Announces \$24 Million Available Through Grid Enhancing Technologies Program



Interconnecting new resources



Maine Publishes Solar and Energy Storage Handbook for Maine Communities

Enabling Electricity System Growth



Permitting and siting of energy infrastructure



Western States Sign Joint Statement of Agreement on Regional Transmission, Endorsing WestTEC Roadmap and Creating Multi-State Permitting Task Force



Increasing transmission options



Alaska Awards \$17.7 Million to Strengthen Transmission Infrastructure

Increasing Grid Resilience

Microgrids

State and Tribal Grid Resilience Formula Funds

Resilience Metrics

State Resilience Officers

Economic and Community Engagement Development

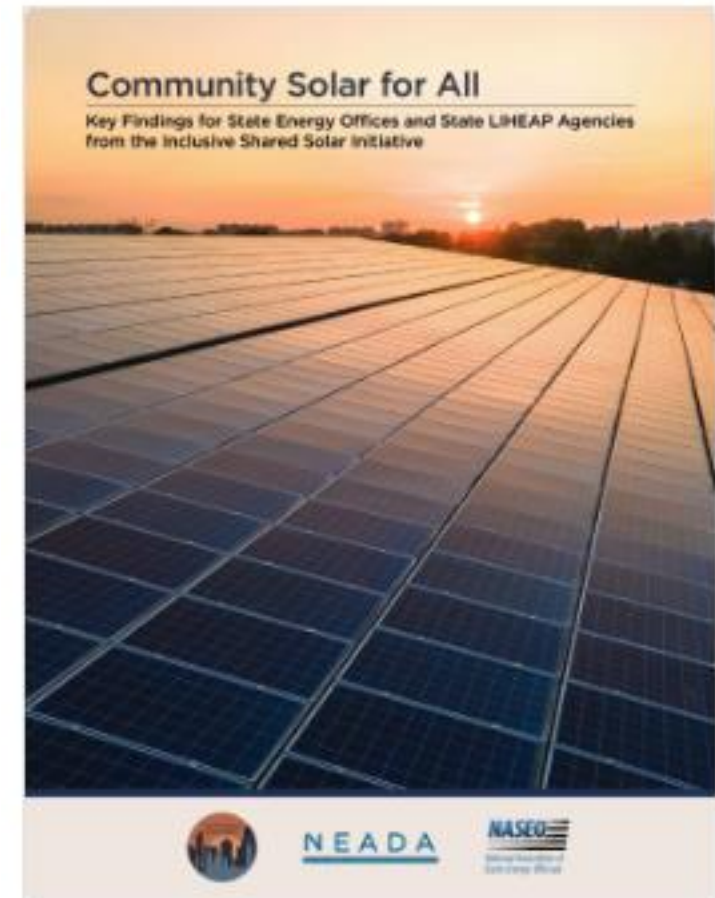
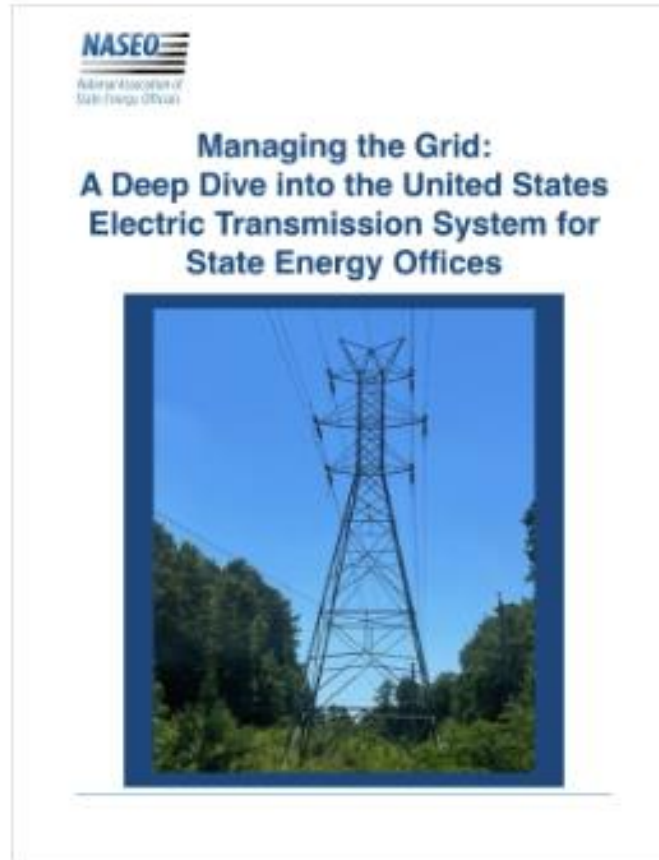
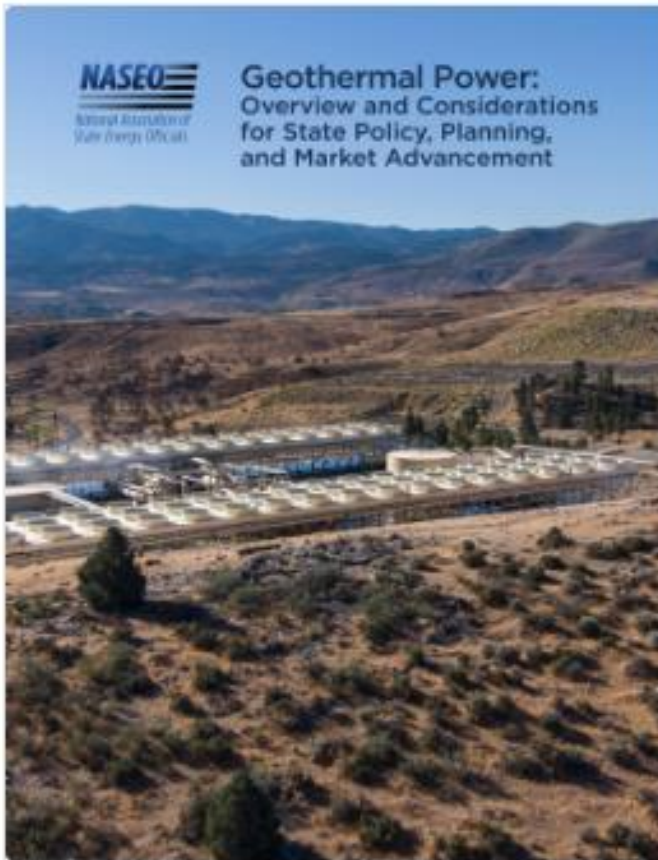
Aligning	Aligning economic development and energy infrastructure
Building	Building the energy workforce
Engaging	Engaging the private sector
Increasing	Increasing the energy supply chain and domestic manufacturing
Engaging	Engaging communities and providing energy information

Select NASEO Data Center Resources

NASEO Powering Up Data Centers Webinar Series:

- Webinar 1: Data Centers and the Energy Landscape ([Recording](#))
- Webinar 2: Planning and Siting Considerations for Data Center Power ([Recording](#))
- Webinar 3: Tools to Meet Data Center Energy Demand Growth ([Recording](#))
- Webinar 4: Maintaining Energy Security and Reliability Goals Amid Data Center Load Growth ([Recording](#))
- Webinar 5: Data Center and Large Load Flexibility to Meet Energy Demand Growth ([Recording](#), [Presentation Slides](#))
- Webinar 6: ORNL's MEGA-DC: Answering States' Questions on Managing Data Center Growth ([Recording](#), [Presentation Slides](#))
- Webinar 7: State Action and New Technology for Data Center and Large Load Flexibility ([Recording](#), [Presentation Slides](#))
- Webinar 8: The Role of Conventional and Emerging Resources in Meeting Data Center Demand ([Recording](#), [Presentation Slides](#))
- Webinar 9: Strategic Siting - Locating Data Centers Near Existing Infrastructure ([Recording](#), [Presentation Slides](#))
- Webinar 10: Energy Performance and Standards for Data Centers ([Recording](#), [Presentation Slides](#))

Select NASEO Electricity Resources





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