

# National Energy Summit for States

Navigating Energy Trends and  
Federal Programs

May 28-29, 2025  
Washington, D.C.



## Day One – Wednesday

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**9:00**

### **Welcome and Opening Plenary**

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**10:00**

### **Small Group Networking Breakouts**

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In small breakout rooms, state attendees will exchange information about their state's energy programs and will identify energy topics of interest to their state and region. They will also discuss what they hope to get out of the Summit. Federal attendees can raise questions about how states are implementing federal initiatives and how they are tracking progress.

**11:00**

### **Break**

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**11:15**

### **Concurrent Breakout Sessions**

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#### **Breakout 1: Load Growth: What States Need to Know**

This session will discuss the sources and drivers of load growth, how these differ from one another, how they vary regionally, and how to assess the assumptions underlying load growth forecasts.

### **Breakout 2: Overview of Energy Tax Credits**

This session will help attendees understand the various energy-related tax credits that are in place, and how those tax credits can be used by the residents, businesses, and other organizations in their state.

### **Breakout 3: Facilitating Community Engagement in Project Development**

Attendees will hear from an expert panel and discuss how to integrate community participation into the project development process.

**12:30**

### **Lunch**

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**1:30**

### **Concurrent Breakout Sessions**

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#### **Breakout 1: Working with FERC: How and Why**

The Federal Energy Regulatory Commission (FERC) plays a key role in energy issues, but it can be difficult to understand and engage with. This session will give guidance on what FERC does, currently pressing issues, and how stakeholders can participate.

#### **Breakout 2: Actions States Can Take to Address Load Growth**

This session will discuss actions states might take in response to load growth to address issues of affordability, allocate the costs of supporting investments, protect ratepayers from economic and reliability risks, and consider how load growth might affect states' ability to meet statutory energy policy goals.

#### **Breakout 3: Home Energy Rebates**

State participants will hear updates on the Home Energy Rebates programs and best practices from states implementing their rebates programs across the US. States will have designated time to discuss and ask implementation questions of one another.

**2:45**

### **Break**

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**3:00**

### **Concurrent Breakout Sessions**

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### **Breakout 1: Transmission**

This session will discuss the status of transmission upgrades and what states can and should do to address transmission.

### **Breakout 2: Meaningful Household Savings from Solar**

This session will examine ways that states can design and later evaluate solar programs to ensure that they provide meaningful household savings to participants. It will consider a range of solar project types, including residential-serving community solar, rooftop solar, and installations serving multifamily affordable housing.

**4:15**

### **Break**

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**4:30**

### **Concurrent Breakout Sessions**

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#### **Breakout 1: Geothermal Opportunities**

Geothermal energy is benefitting from innovations in heat pumps and drilling, to provide new sources of heating and power production. This panel will talk about recent progress and what states can do to take advantage of it.

#### **Breakout 2: Navigating Energy Siting**

It can be difficult to site and get approval for new energy projects. This panel will discuss best practices for successful siting.

**5:45**

### **Adjourn**

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**5:45 – 9:00**

### **Reception and Dinner**

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After the day's sessions adjourn, attendees can dine and connect with one another at the Gallaudet University Peikoff Alumni House, steps away from the Kellogg Conference Hotel. Hors d'oeuvres and a buffet-style dinner will be served, along with music and a cash bar. In addition to the indoor reception, attendees can try their luck playing several fun games on the outside lawn.

## Day Two – Thursday

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9:00

### Poster Session

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Representatives of states and national laboratories will have an opportunity to display and discuss posters highlighting successful and innovative programs and projects. Attendees will be able to chat with the people who produced the posters and participated in the exemplary programs and projects.

In addition, nonprofit organizations and national lab representatives that offer technical assistance to states will be available for short one-on-one meetings.

10:45

### Concurrent Breakout Sessions

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#### **Breakout 1: The Role of Local Resources**

There is growing awareness that local resources—distributed generation, energy storage, microgrids, and automated demand flexibility—can provide valuable services to help maintain the reliability of electric supply and increase the grid's resilience to disruption, often at a cost less than other solutions or infrastructure investments. This session will examine regulatory and policy approaches to realizing the value of local resources for the benefit of customers in the form of lower bills and greater reliability and resilience.

#### **Breakout 2: The State of the Art in Energy Storage**

Presenters will first summarize the state of the art in energy storage technologies and applications, and the current position of the US industry and markets. From that foundation, the panel will look ahead to anticipated near-future advances and trends including new battery chemistries, medium- and long-duration storage, and changing wholesale energy market rules.

12:00

### Lunch

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1:00

### Concurrent Breakout Sessions

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### **Breakout 1: The Art of Stacking**

This session will discuss how states can combine federal, state, and local incentives to maximize program benefits.

### **Breakout 2: What Your State Should Do about Energy Storage**

Presenters will provide a brief overview of current state energy storage policies, programs, and procurement, before moving into a discussion of what states can do in the coming years to scale up energy storage. Topics will include energy storage and electrification, virtual power plants, community solar+storage, and new program and policy models.

**2:30**

### **Break**

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**2:45**

### **Concurrent Breakout Sessions**

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#### **Breakout 1: State-Tribe Collaboration**

Working with Tribes is different for states than working with other entities, because Tribes are sovereign entities and are not subject to state laws, regulations, or processes on Tribal lands. This session will discuss strategies for working with Tribes and will highlight successful programs and energy projects involving collaboration between states and Tribes.

#### **Breakout 2: Nuclear Power and the States**

In recent years, there has been renewed interest in nuclear power. This session will discuss the prospects for new nuclear power development and the possible actions states could take.

#### **Breakout 3: How Grid Operators Manage the Grid**

This session will cover such basic concepts as the variability of demand, reserve margins, dispatchability, and load following. It will explain traditional strategies grid operators use to balance supply and demand, as well as emerging tools like energy storage, demand response, and virtual power plans. It will explain how a range of generation sources, including intermittent generation, can be incorporated into a reliable 24/7 power system.

**4:00**

## **Where Do We Go from Here?**

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This will be an opportunity for wrap-up comments and to discuss follow-up actions that Summit organizers and states can take to ensure effective state implementation of federal energy programs going forward.

**4:30**

## **Adjourn**

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