



**U.S. Department of Energy  
Electricity Advisory Committee Meeting  
Hosted Virtually Via WebEx  
April 22, 2021**

**Meeting Summary**

## PARTICIPANTS

### **Electricity Advisory Committee (EAC) Members:**

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Smart Electric Power Alliance

CLAY KOPLIN  
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CHRISTOPHER AYERS  
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**Registered Members of the Public:**

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JANIE THOMPSON  
U.S. House Science, Space, and Technology  
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CHRISTIAN VASQUEZ  
E&E News

MARISSA WARREN  
Idaho Governor's Office of Energy and  
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## **Welcome, Intro, and Roll Call**

Wanda Reder spoke about the reason for this meeting and went over the agenda and procedures for the meeting. She noted that the Federal Energy Regulatory Commission's (FERC) Order 2222 Recommendations stemmed from the FERC Order 2222 Panel during the Electricity Advisory Committee's (EAC) full February 2021 meeting.

## **Discussion and Vote on FERC Order 2222 Recommendations**

Rick Mroz discussed the timeline and work involved to put forth these recommendations. Mr. Mroz spoke of the importance of FERC Order 2222 because it brings in the overall evolution of the smart electric grid. He provided an update that FERC issued an extension for regional transmission organizations and other stakeholders to implement the requirements of Order 2222. Mr. Mroz discussed the role the U.S. Department of Energy (DOE) plays to assist with a smooth implementation of FERC Order 2222, emphasizing its power of convening.

The recommendations are separated by short, medium, and long-term areas for DOE to assist with implementing FERC Order 2222. In the short-term, DOE will help stakeholders with compliance and identify technical complexities stakeholders are dealing with. In the medium term, DOE should review/catalog ongoing programs. Lastly, in the long-term, DOE will assist with the overall implementation, including technological, planning, and operational challenges stakeholders will face.

Before walking through the document, Mr. Mroz pointed out that the working group unanimously supported the document. Paul Stockton voiced his support for the document, giving it high praise.

The EAC Members voted unanimously to approve the recommendations.

## **Discussion and Vote on the Five-Year Energy Storage Plan**

Lola Infante discussed the timeline and work involved to put forth the 5-Year Energy Storage Plan and associated recommendations. She gave context that the Storage Plan is in line with DOE's Energy Storage Grand Challenge. Ms. Infante walked through the recommendations document, listing each of the recommendations.

The EAC Members voted unanimously to approve the recommendations. Chris Lawrence said the recommendations will be sent to Acting Assistant Secretary Pat Hoffman for a response, and he thanked everyone for their diligent work.

## **New Charges to EAC on the Model Pathways for Grid Modernization**

Ms. Reder introduced the Model Pathways for Grid Modernization topic to the EAC. Ms. Reder said that on March 26, Acting Assistant Secretary Pat Hoffman formally asked the EAC to be the steering committee to implement the charges contained within Section 8008 of the Consolidated Appropriations Act of 2021. The EAC will present recommendations to DOE within three months following the Department presenting its roadmap for addressing the guidelines in the legislation. Ms. Reder highlighted some of the specific objectives mentioned in the omnibus bill.

Joe Paladino then described his vision for implementing the Model Pathways program. He said stakeholder engagement will be critical and they (DOE/EAC) will likely use small expert working groups to make the scope more manageable.

## **Additional Discussion**

**Q1.** Dr. Tom Bialek asked about the [100-day critical industrial control system \(ICS\) sprint](#).

Michael Coe responded that the ICS 100-day sprint is being run out of the Office of Cybersecurity, Energy Security, and Emergency Response (CESER). Mr. Coe will connect with CESER to see if additional information can be shared with the EAC.

**Q2.** Paul Stockton voiced his concern for the *Securing Critical Electric Infrastructure* request for information (RFI). He asked how the EAC Members can respond to the RFI.

Chris Lawrence said EAC Member responses will be similar to how members have interacted with previous RFIs.

## **Public Comments**

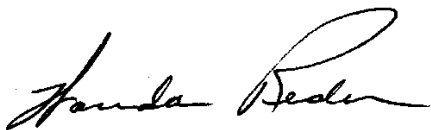
**Q1.** Dick Brooks, Reliable Energy Analytics, said his organization is putting together data elements to help implement FERC Order 2222. Mr. Brooks commended DOE for its 100-day accomplishments. He commented about a proof-of-concept initiative led by Idaho National Laboratory and voiced his support for the program.

## **Wrap-Up**

Ms. Reder emphasized that she appreciated everyone's participation getting these recommendations out in a timely manner. Ms. Reder concluded by reminding committee members to register for the virtual June meeting, which will be held June 9 and 10. The June panels will be *Current Efforts on Emerging Resilience Frameworks & Assessment Tools* (Grid Resilience for National Security subcommittee), *Working Together Towards a Sustainable and Resilient Zero Carbon Emission Future: Hydrogen, Batteries, & Natural Gas* (Energy Storage subcommittee), and *Electric Vehicle Integration Report* (Smart Grid subcommittee).

Mr. Lawrence adjourned the meeting.

Respectfully Submitted and Certified as Accurate,



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Wanda Reder  
Grid-X Partners, LLC  
Chair  
DOE Electricity Advisory Committee

6/4/2021

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Date



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Michael Heyeck  
The Grid Group, LLC  
Vice-Chair  
DOE Electricity Advisory Committee

6/4/2021

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Date



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Christopher Lawrence  
Office of Electricity  
Designated Federal Official  
DOE Electricity Advisory Committee

6/4/2021

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Date