

***Western Interstate Energy Board
NARUC Subcommittee on Clean Coal and Carbon
Management***

***Carbon Capture, Utilization & Storage Workshop
Six Part Webinar Series***

Register at <https://register.gotowebinar.com/register/4938858206157001484>

Webinar 1 – Friday, September 11th

The Case for Carbon Capture, Utilization & Storage (CCUS)

1:00 pm Eastern; Noon Central; 11:00 am Mountain; 10:00 am Pacific

Increasing numbers of local communities, state governments, and utilities across the Western Interconnection are working to reduce greenhouse gas emissions and realize clean energy objectives, while maintaining resource adequacy and system reliability. A diverse coalition of CCUS supporters, including the Intergovernmental Panel on Climate Change, environmental groups, labor organizations, innovators, public interest groups and the energy industry, are working to deploy carbon capture technology because they increasingly recognize that CCUS will provide a useful and necessary tool in efforts to reduce atmospheric carbon dioxide (CO₂) concentrations. This webinar will lay the groundwork for this webinar series by providing a summary of clean energy goals, an overview of CCUS and how it can contribute to mitigating climate change.

- Kipp Coddington, School of Energy Resources, University of Wyoming
- Brad Crabtree, Vice President, Carbon Management, Great Plains Institute
- Cecile Conroy, Director of Government Affairs, International Brotherhood of Boilermakers

Webinar 2 – Friday, September 18th

Breaking It Down: Carbon Capture, Utilization & Storage Technologies

1:00 pm Eastern; Noon Central; 11:00 am Mountain; 10:00 am Pacific

Each component of CCUS – i.e., CO₂ capture, transportation and storage/utilization -- is pursuing various technology developments to address challenges of scale and economics. This webinar will break down each component to provide an update on the most promising technologies involved in CO₂ (e.g., solvents and membranes, as well as different combustion approaches); Utilization (e.g., enhanced oil recovery; advanced materials; polymers and bioplastics; fuels and chemicals; and concrete and building materials) and Storage (geologic siting and Class VI permitting under the Underground Injection Control program). The U.S. Department of Energy's Carbon Storage Assurance Facility Enterprise (CarbonSAFE) initiative will also be discussed.

- Dr. Holly Krutka, Executive Director, School of Energy Resources, University of Wyoming
- Jason Begger, Wyoming Energy Authority
- Scott Quillinan, Director of Research, School of Energy Resources, University of Wyoming

Webinar 3 – Friday, September 25th

Financial Incentives and Investment Efforts

1:00 pm Eastern; Noon Central; 11:00 am Mountain; 10:00 am Pacific

Federal and state policies, tax incentives, and investment efforts can provide important incentives to CCUS project development and remove barriers to the deployment of CCUS technology. This webinar will explain the section 45Q and 48A tax incentives and discuss other financial mechanisms, such as private activity bonds, master limited partnerships and opportunity zones, currently in place to govern and promote CCUS activities and deployment.

- Michael Nasi, Partner, Jackson Walker LLP
- Shannon Angielski, Executive Director, Carbon Utilization Research Council

Webinar 4 – Friday, October 2nd

Project Update Part I: Domestic CCUS Development Efforts

1:00 pm Eastern; Noon Central; 11:00 am Mountain; 10:00 am Pacific

This webinar is the first of a two-part series to identify and provide an overview of CCUS projects currently in operation and under development in the United States.

- William Swetra, Senior Policy Analyst, Oxy Low Carbon Ventures
- Lee Beck, CCUS Policy Innovation Director, Clean Air Task Force

Webinar 5 – Friday, October 9th

Project Update Part II: International CCUS Development Efforts

1:00 pm Eastern; Noon Central; 11:00 am Mountain; 10:00 am Pacific

This webinar is the second in a two-part series to identify and provide an overview of CCUS projects currently in operation and under development around the World.

- Jeff Erikson, General Manager, Client Engagement, Global CCS Institute
- C. Beth Hardy, Vice-President, Strategy & Stakeholder Relations, International CCS Knowledge Centre

Webinar 6 – Friday, October 16th

Regulatory Considerations and Policy Recommendations

1:00 pm Eastern; Noon Central; 11:00 am Mountain; 10:00 am Pacific

Recognizing the ability of CCUS projects to contribute significantly to efforts to mitigate climate change—and in light of increasing local, state, and utility efforts to reduce GHG emissions within a meaningful timeframe—this webinar will discuss important regulatory considerations and identify a range of policy recommendations that states can consider to ensure they are carbon capture ready.

- Doug Scott, Vice President, Electricity and Efficiency, Great Plains Institute
- Kara Fornstrom, Chairman, Wyoming Public Service Commission