

# Showcasing Advancements In Fossil Energy Technology

October 4, 2018 ♦ 9:00 am – 7:00 pm

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Hart Senate Office Building, Room 902  
Washington, DC 20510



*Cohosted by the Carbon Utilization Research Council and the U.S. Department of Energy*

7:30 am to 9:00 am	<b>Continental Breakfast and Poster Board Set Up</b>
9:00 am to 10:00 am	<b>Opening remarks from Members of U.S. Senate:</b> The Honorable Shelley Moore Capito (R-WV) The Honorable Sheldon Whitehouse (D-RI) The Honorable Heidi Heitkamp (D-ND) The Honorable John Barrasso (R-WY)
10:00 am to 10:30 am	<b>Introduction and Opening Remarks from Event Hosts:</b> Holly Krutka, Peabody and CURC Co-Chair Steve Winberg, Assistant Secretary for Fossil Energy, U.S. DOE
10:30 am to 11:15 am	<b>Exhibitor Introductions</b>
11:15 am to 12:00 pm	<b>Lunch and Poster Board Session</b>
12:00 pm to 12:15 pm	<b>Luncheon Remarks from Senator Joe Manchin (D-WV)</b>
12:15 pm to 1:00 pm	<b>Panel 1: The Future of Electricity Generation</b> <ul style="list-style-type: none"> <li>• Dean Bell, American Electric Power</li> <li>• Tyler Hamman, Basin Electric Power Cooperative</li> <li>• Melissa Horton, Southern Company</li> <li>• Indra Battacharya, Tri-State Generation &amp; Transmission Association</li> <li>• David Julius, Duke Energy</li> </ul> <b>Moderator:</b> Karen Obenshain, Edison Electric Institute
1:00 pm to 1:40 pm	<b>Panel 2: Advancing Fossil Energy Technology through RD&amp;D</b> Overview of different technologies and development needs in the 2018 CURC-EPRI Roadmap <ul style="list-style-type: none"> <li>• R&amp;D Needs for Existing Plants – Ray Chamberland, General Electric</li> <li>• Advanced Energy Platforms – Dean Bell, American Electric Power</li> <li>• Carbon Capture – Michelle Corser, National Carbon Capture Center</li> <li>• Carbon Storage – John Harju, University of North Dakota Energy and Environmental Research Center (EERC)</li> </ul> <b>Moderator:</b> Shannon Angielski, Carbon Utilization Research Council (CURC)

1:40 pm to 2:20 pm	<p><b>Panel 3: Economic Impact of Advanced Fossil Energy Technologies</b></p> <ul style="list-style-type: none"> <li>• <i>Marking Carbon a Commodity</i> – Justin Ong, ClearPath Foundation</li> <li>• <i>CarbonSAFE Program</i> – Kipp Coddington, University of Wyoming</li> <li>• <i>Opportunities for Carbon Conversion</i> – Noah Deich, Carbon 180</li> <li>• <i>Labor Perspectives</i> – Cecile Conroy, International Brotherhood of Boilermakers</li> <li>• <i>Realized Benefits of Fossil Energy RD&amp;D</i> – Chuck Zelek, U.S. Department of Energy</li> </ul> <p>Moderator: Justin Ong, ClearPath Foundation</p>
2:20 pm to 3:30 pm	<p><b>Networking Break and Poster Board Session</b></p>
3:30 pm to 4:10 pm	<p><b>Panel 4: Importance of Public-Private Partnerships: the Role of States and Public Utility Commissions</b></p> <ul style="list-style-type: none"> <li>• Kara Brighton Fornstrom, Deputy Chair, Wyoming Public Service Commission</li> <li>• Brian Kroshus, Commissioner, North Dakota Public Service Commission</li> <li>• Michael Nasi, Jackson Walker LLP – <i>Texas State Support of PetraNova</i></li> </ul> <p>Moderator: Brian Kalk, UNDEERC and former North Dakota PUC Chair</p>
4:10 pm to 4:50 pm	<p><b>Panel 5: Role of International Partnerships in Advancing Technologies</b></p> <ul style="list-style-type: none"> <li>• Jon Gibbins, United Kingdom Carbon Capture and Storage Research Centre</li> <li>• John Marion, Gas Technology Institute</li> <li>• Chris Romans, Mitsubishi Heavy Industries America – <i>Bilateral Support between Japan and U.S. for PetraNova Carbon Capture Project</i></li> <li>• Buz Brown, ION Engineering – <i>Bilateral Support between Norway and the U.S. for Testing at Technology Centre Mongstad</i></li> </ul> <p>Moderator: Jarad Daniels, U.S. Department of Energy</p>
4:50 pm to 5:20 pm	<p><b>Panel 6: Financing Options and Business Models for Advancing New Fossil Energy Technologies</b> (<i>invitations pending</i>)</p> <ul style="list-style-type: none"> <li>• Walker Dimmig, NET Power</li> <li>• Khalid Abedin, U.S. Department of Energy Loan Guarantee Program</li> </ul> <p>Moderator: Walker Dimmig, NET Power</p>
5:20 pm to 5:30 pm	<p><b>Closing Remarks</b></p> <ul style="list-style-type: none"> <li>• Lou Hrkman, Deputy Assistant Secretary for Clean Coal and Carbon Management, U.S. DOE</li> </ul>
5:30 pm to 7:00 pm	<p><b>Cocktail Reception and Poster Board Session</b></p>



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