

2009 Carbon and Climate Change January 22-23, 2009 • • Austin, February 3-4, 2009 • AT&T Conference Center • Austin, TX

Day 1 Morning

Presiding Officer:

Melinda E. Taylor, The University of Texas School of Law - Austin, TX

8:00 am In Austin Only	Registration Opens Includes continental breakfast.
9:00 am In Austin Only 0.50 hr	The Carbon Cycle—Where the "Carbon Revolution" Begins A discussion of the carbon cycle, human activities affecting it, and legal issues raised by those activities. Jeff Civins, Haynes and Boone, LLP - Austin, TX Co-Author: Mary S. Mendoza, Haynes and Boone, LLP - Austin, TX
9:30 am In Austin Only 0.75 hr	Making the Transition to a Carbon-Constrained World: The EPRI Prism Analysis This session examines competing views and strategies to reduce carbon. Moderator: Scott Nyquist, McKinsey & Company - Houston, TX Bryan Hannegan, Electric Power Research Institute - Palo Alto, CA Mark MacLeod, Environmental Defense Fund - Washington, DC
10:15 am In Austin Only	Break
10:30 am In Austin Only 0.50 hr	Measuring and Benchmarking Carbon Footprints and Reductions Most large companies are already taking first steps to measure carbon footprints. This session opens with a short commentary on the various competitive and the anticipated regulatory reasons why such measures and baselines are important, and continues with a non-technical discussion of the leading methodologies in measuring carbon footprints, and the complexity of calculating lifecycle emissions of particular products and services. Jacob Madsen, Environmental Resources Management - Chicago, IL
11:00 am In Austin Only 0.50 hr	Case Study: The Corporate Experience in Reducing Carbon Emissions Learn how a major carbon emitter in Central Texas is preparing for the brave new world of carbon regulation and is aggressively preparing to reduce its carbon emissions. Robert (Bob) Kidnew, Texas Lehigh Cement Company - Buda, TX Terry Moore, Carbon Shrinks LLC - Austin, TX Brigid Shea, Carbon Shrinks LLC - Austin, TX

11:30 am In Austin Only 0.75 hr	Air Quality and Climate Change Strategies: the View from Houston Bill White, Mayor, City of Houston - Houston, TX
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Day 1 Afternoon

Presiding Officer:

Steve Melzer, Melzer Consulting - Midland, TX

In Austin Only	LUNCHEON PRESENTATION—Sponsored by Alstom
12:15 pm In Austin Only	Pick up Box Lunch Included in conference registration fee.
12:30 pm In Austin Only 0.75 hr	Carbon Control Regimes: What's Ahead in Washington Manik (Nikki) Roy, The Pew Center on Global Climate Change - Arlington, VA
1:15 pm In Austin Only	Break
1:30 pm In Austin Only 0.67 hr	The Legal Basis for Regulating CO₂ Emissions Getting point sources and plants permitted, case law, legislation at fed and state level, CO2 regulation under the clean air act This session has moved to 2:40pm Vickie Patton, Environmental Defense Fund - Boulder, CO Matthew Goodwin Paulson, Baker Botts L.L.P. - Austin, TX
2:00 pm In Austin Only 0.67 hr	Property Rights in the Pore Space: Practical Answers to the Tough Questions of Ownership, Amalgamation, and Acquisition A discussion and analysis of “best practices” in acquiring ownership in pore space—with particular attention to how existing legal principles can be extended to handle problematic issues, such as how to best obtain storage rights from the potentially large number of property owners affected by geological sequestration, and liability issues with adjoining landowners. This session shifted slightly from 2:10pm to 2:00pm Commentators: Scott Anderson, Environmental Defense Fund - Austin, TX Commentators: Ian J. Duncan, The University of Texas at Austin - Austin, TX Jerry R. Fish, Stoel Rives LLP - Portland, OR
In Austin Only	Developments in Carbon Sequestration: One Year Later

2:40 pm In Austin Only 0.50 hr	<p>Understanding the Geotechnical and Environmental Risks of Sequestration</p> <p>Policy, regulatory, and legal frameworks guard against risky geotechnical activities by requiring preventative measures. They also define response mechanisms for remediation and liability should the preventative measures fail. Speculation about risks from geologic sequestration of carbon dioxide (CO₂) has been dominated by unreasonable concerns such as instantaneous death of populations or long term toxicity of drinking water. This talk examines information from current CO₂ injection experiment sites and natural analogs to provide realistic boundaries on what could happen as a result of failure of a geologic sequestration site to contain injected CO₂.</p> <p>This session has moved to 1:30pm</p> <p>Susan Hovorka, The University of Texas at Austin - Austin, TX</p>
3:20 pm In Austin Only	Break
3:35 pm In Austin Only 0.67 hr	<p>Storing Carbon: Options for Liability Risk Management, Financial Responsibility</p> <p>This session will explore financial and public policy options for liability risk management and financial responsibility related to the near- and long-term storage of CO₂. Specifically, this session will include discussion of oversight of site selection and financial responsibility provisions, and a proposed process for ensuring long-term site management that addresses the need for efficient, safe and environmentally balanced deployment of CCS projects.</p> <p>Chiara Trabucchi, Industrial Economics, Inc. - Cambridge, MA</p>
4:15 pm In Austin Only 1.25 hrs	<p>Sequestration Case Study Session</p> <p>This study and discussion examines the economics and legal issues confronting real-world sequestration with EOR projects. Where do existing law and incentives work? Where are changes and clarifications needed?</p> <p>Moderators: Steve Melzer, Melzer Consulting - Midland, TX Moderators: Michael J. Nasi, Jackson Walker L.L.P. - Austin, TX Tracy Evans, Denbury Resources - Plano, TX Michael J. Hirl, Kinder Morgan CO₂ Company, L.P. - Houston, TX John Tombari, Schlumberger Carbon Services - Houston, TX Thomas M. Weber, McElroy Sullivan & Miller L.L.P. - Austin, TX</p>
5:30 pm In Austin Only	Adjourn to Reception

Day 2 Morning

Presiding Officer:

Scott D. Deatherage, Thompson & Knight LLP - Dallas, TX

8:30 am In Austin Only 0.50 hr	<p>Carbon Capture for Coal Based Power—Current Status and Technology Roadmap</p> <p>CO2 capture technologies in development/demonstration offer potential to minimize impact on COE. These technologies can be applied to new plants as well as retrofitted to operating units. This presentation will compare the range of CO2 capture technologies and discuss the critical factors/timeline to achieve economies of scale and improved cost and performance.</p> <p>Nancy Mohn, ALSTOM Power, Inc. - Windsor, CT</p>
9:00 am In Austin Only 0.50 hr	<p>Providing Incentives for Carbon Capture and Storage: Texas and Nationally</p> <p>This session provides an overview and update on national CCS incentives in place and pending in Congress, as well as an up-to-the minute analysis of CCS incentive proposals pending before the 81st Texas Legislature. The interaction between state and federal programs will also be addressed.</p> <p>Michael J. Nasi, Jackson Walker L.L.P. - Austin, TX</p>
9:30 am In Austin Only 0.50 hr	<p>Pre-Compliance Markets for Carbon Offsets: A Commercial Evolution from Voluntary Markets</p> <p>An introduction to carbon markets in the US, including an overview of how they work and highlights of typical deals, including capture and storage offsets. The session will also discuss how Kyoto requirements already drive some domestic offset activity as companies with international operations identify and purchase offsets generated in the US.</p> <p>Mike Moore, Blue Source - Houston, TX</p>
10:00 am In Austin Only	<p>Break</p>
10:15 am In Austin Only 0.50 hr	<p>Environmental Regulation of Carbon Injection</p> <p>A practical discussion of how carbon injection works in Texas and how EPA's proposed new rules would interact with state regulation, including pitfalls, emerging issues, and potential points of clarification under existing and proposed rules.</p> <p>Janet Lynn McQuaid, El Paso Corporation - Houston, TX</p>
10:45 am In Austin Only 0.50 hr	<p>Water Resources, Power Production and CCS</p> <p>A discussion and analysis of the role of water availability for power generation in Texas, including additional demands on water resources for CCS and competition for water from population growth. Beyond general discussion, this session will also highlight and map areas in Texas where limits or competing demands on water resources limit power generation options.</p> <p>Ian J. Duncan, The University of Texas at Austin - Austin, TX</p>

11:15 am In Austin Only 1.25 hrs	<p>Power Generators Panel: What's Ahead for Texas Utilities in a Lower-Carbon Future</p> <p>Join top-level executives from leading power companies for a discussion of the key issues, choices and opportunities confronting power generators in a world where CO2 emissions become more costly. How will the mix of power generation change and what role will conservation efforts play in a lower carbon future? What happens to the price of power under likely legislative actions? How will consumers and investors respond? What if the future of coal? What regulatory regimes and state and federal incentives make sense to facilitate this transition? Where are opportunities for generators; who will be the winners and losers?</p> <p>This session has increased from 1.0hr to 1.25hrs</p> <p>Moderator: Barry T. Smitherman, Public Utility Commission of Texas - Austin, TX David Campbell, Luminant - Dallas, TX Paul Chodak III, Southwestern Electric Power Company - Shreveport, LA Steve Corneli, NRG Energy - Princeton, NJ Milton B. Lee, CPS Energy - San Antonio, TX Thomas G. Mason, Lower Colorado River Authority - Austin, TX</p>
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Day 2 Afternoon

Presiding Officer:

Patricia Finn Braddock, Fulbright & Jaworski LLP - Austin, TX

12:30 pm In Austin Only	<p>Pick up Box Lunch</p> <p>Included in conference registration fee.</p>
12:45 pm In Austin Only 0.75 hr	<p>Policy Maker's Luncheon</p> <p>Overview and update of the Texas Advisory Panel on federal climate change regulations.</p> <p>This session shifted from 12:30pm</p> <p>Warren Chisum, Texas House of Representatives - Pampa, TX Rick Hardcastle, Texas House of Representatives - Vernon, TX Barry T. Smitherman, Public Utility Commission of Texas - Austin, TX</p>
1:30 pm In Austin Only	<p>Break</p>
1:45 pm In Austin Only 0.75 hr	<p>Energy Savings, Distributed Storage, and Clean Air: Electric Cars and the Utilities Sector</p> <p>The automobile industry is on a fast-track to develop and deliver plug-in electric vehicles. The deployment of electric vehicles offers many opportunities, including distributed storage of off-peak generation in car batteries; substantial energy savings and improvement in air quality. These benefits may be particularly attractive in Texas, where off-peak wind generation could power plug-in cars used in urban areas, improving air quality and relieving the threat of EPA limitations on growth due to nonattainment. This session outlines the type and magnitude of benefits, and addresses some of the implantation challenges the utility, auto, legislative and regulatory communities will need to address in managing the grid and maximizing energy savings.</p> <p>This session shifted from 1:30pm</p> <p>Austan Librach, Austin Energy - Austin, TX Phil Wilson, Luminant - Dallas, TX</p>

2:30 pm In Austin Only 0.75 hr	<p>State Perspectives on Developing a Regulatory Framework for Geologic Sequestration</p> <p>A look at how other states are developing frameworks for regulating sequestration, and how their policies and initiatives compare to what is happening in Texas.</p> <p>This session shifted from 2:15pm</p> <p>Moderator: Darrick Wayne Eugene, Vinson & Elkins - Austin, TX Daniel F. Fredlund, Kansas Corporation Commission - Wichita, KS</p>
3:15 pm In Austin Only 0.50 hr	<p>Regulation of CO2 Pipelines and Sequestration</p> <p>Pipelines transporting CO2 for enhanced oil recovery and other purposes are subject to unique jurisdictional issues. This presentation will discuss those issues and new matters raised by permanent CO2 sequestration projects.</p> <p>This session shifted from 3:00pm</p> <p>William S. Garner, Spectra Energy Corp. - Houston, TX</p>
3:45 pm In Austin Only	<p>Adjourn</p>