

# 2011 Carbon and Climate Change

## February 9-10, 2011 • AT&T Conference Center • Austin, TX

### Wednesday Morning, Feb. 9, 2011

**Presiding Officer:**

**John Moore**, Stratus Energy Group, LLC - Austin, TX

8:00 am	<p><b>Registration Opens</b></p> <p>Includes continental breakfast.</p>
8:50 am	<p><b>Welcoming Remarks</b></p>
9:00 am 0.50 hr	<p><b>Energy Futures</b></p> <p>A review of economic and revenue issues, and how the state looks at the energy future.</p> <p>David C. Schanbacher, Texas Comptroller of Public Accounts - Austin, TX</p>
9:30 am 0.75 hr	<p><b>GHGs: Understanding and Dealing with the Federal Legislative Regulatory Landscape</b></p> <p>The collapse of major federal carbon regulation legislation leaves industry to make decisions under the emerging greenhouse gas (GHG) rules of the EPA. This session provides an overview of the new rules and regulations, including Prevention of Serious Deterioration (PSD) review, Title V and potential New Source Performance Standards for GHGs.</p> <p>William M. Bumpers, Baker Botts L.L.P. - Washington, DC</p>
10:15 am	<p><b>Break</b></p>
10:45 am 1.25 hrs	<p><b>Wiring Around Carbon</b></p> <p>What are the critical issues--pluses and minuses--in considering supplying renewable energy long distances from renewable energy-rich regions of the U.S. to those that have limited renewable energy resource options? What level of emission reduction might result from delivering emission-free generation to regions with high carbon emissions? Does the requirement to locate additional high-voltage transmission lines offset the societal benefit of reduced emissions? Can major grids operate reliably with significant supplies remote from the load?</p> <p>Moderator: John Moore, Stratus Energy Group, LLC - Austin, TX</p> <p>Panelists: Kenneth W. Anderson Jr., Public Utility Commission Of Texas - Austin, TX</p> <p>Panelists: Diana M. Liebmann, Haynes and Boone, LLP - San Antonio, TX</p> <p>Panelists: Colin Meehan, Environmental Defense Fund - Austin, TX</p> <p>Panelists: John Schnagl, US Department of Energy - Washington, DC</p>

12:00 pm  
0.50 hr

**GHG Permitting: What Now? The EPA's Perspective**

Introduction by Melinda Taylor, University of Texas School of Law, Austin, TX

James D. Braddock, Haynes and Boone, LLP - Austin, TX

**Wednesday Afternoon, Feb. 9, 2011**

**Presiding Officer:**

**Jeff Civins**, Haynes and Boone, LLP - Austin, TX

**KEYNOTE LUNCHEON PRESENTATION**

12:30 pm

**Pick Up Lunch**

12:35 pm  
0.75 hr

**Coal Without Carbon: A World View**

John Thompson, Clean Air Task Force - Carbondale, IL

1:20 pm

**Break**

**The Financial and Legal Impact of the EPA's New Best Available Control Technology Guidance**

1:35 pm  
0.50 hr

**Introduction and Overview: Legal and Compliance Issues involving BACT**

This session reviews: 1) the legal challenge by the State of Texas to the EPA's Greenhouse Gas Tailoring Rule that requires Best Available Control Technology (BACT) determinations for greenhouse gas emissions under the federal PSD air permit program; 2) the EPA's Federal Implementation Plan for administering the Greenhouse Gas Tailoring Rule in Texas; and 3) the administrative process for obtaining BACT determinations for criteria pollutants and greenhouse gas emissions in federal PSD permits in Texas.

Patricia Finn Braddock, Fulbright & Jaworski LLP - Austin, TX  
Blake Soyars, Sage Environmental Consulting - West Lake Hills, TX

2:05 pm  
0.92 hr

**Understanding and Working Effectively with the EPA's New BACT Guidance**

In November 2010, the EPA issued major new guidance dealing with BACT. The guidance is of critical importance for permitting and compliance purposes. This session provides a comprehensive summary and analysis of the new guidance with special attention to pitfalls, problem areas, permitting and compliance opportunities, and safe harbors.

Commentator:  
Mark MacLeod, Environmental Defense Fund - Washington, DC  
Christopher Charles Thiele, Vinson & Elkins LLP - Austin, TX

3:00 pm

**Break**

<p>3:15 pm 1.25 hrs</p>	<p><b>Economic Impacts and Challenges Associated with Satisfying EPA's New GHG BACT Guidance</b></p> <p>Representatives from the refining, power generation, manufacturing and technology sectors--along with the chair of the GHG BACT Guidance Committee and director of EDF--discuss their different perspectives regarding the economic impacts and special challenges associated with satisfying the EPA's new BACT guidance.</p> <p>Moderator: Jeff Civins, Haynes and Boone, LLP - Austin, TX</p> <p>Panelists: Kimberly S. Bowers, Valero Energy Corporation - San Antonio, TX</p> <p>Panelists: Greg Kunkel, Tenaska, Inc. - Omaha, NE</p> <p>Panelists: Mark MacLeod, Environmental Defense Fund - Washington, DC</p> <p>Panelists: Stephen Minick, Texas Association of Business - Austin, TX</p> <p>Panelists: Lisa Montgomery Shelton, Andrews Kurth LLP - Austin, TX</p>
<p>4:30 pm 1.00 hr</p>	<p><b>What About Methane? Landfills, Shale Gas and Agriculture</b></p> <p>This session examines methane reporting, emissions sources, questions about transparency, benzene, shale gas as a source of methane, and life cycle analysis of coal combustion.</p> <p>Moderator: Melita Elmore, MBE Synergy LLC - Austin, TX</p> <p>Panelists: Jed P. Anderson, The AL Law Group, PLLC - Kingwood, TX</p> <p>Panelists: Jill E. Cooper, EnCana Oil &amp; Gas (USA) Inc. - Denver, CO</p>
<p>5:20 pm</p>	<p><b>Adjourn to Reception</b></p>

**Thursday Morning, Feb. 10, 2011**

**Presiding Officer:**

**Michael J. Nasi**, Jackson Walker L.L.P. - Austin, TX

<p>8:00 am</p>	<p><b>Conference Room Opens</b></p> <p>Includes continental breakfast.</p>
	<p><b>The Texas Edge</b></p>
<p>8:30 am 0.75 hr</p>	<p><b>CCS and Carbon Regulation and Management: Legislative Issues</b></p> <p>Long-term stewardship and liability, and unitization</p> <p>Michael J. Nasi, Jackson Walker L.L.P. - Austin, TX</p>

<p>9:15 am 0.75 hr</p>	<p><b>CCS: Regulatory Challenges and Pending Issues</b></p> <p>Moderator: Darrick W. Eugene, Texas Strategy Group - Austin, TX</p> <p>Panelists: David W. Hill, Railroad Commission of Texas - Austin, TX</p> <p>Panelists: Susan Hovorka, The University of Texas at Austin Jackson School of Geosciences - Austin, TX</p>
<p>10:00 am</p>	<p><b>Break</b></p>
<p>10:15 am 1.25 hrs</p>	<p><b>CCS Project Development: What's New and Who Is Putting Stuff in the Ground</b></p> <p>This session covers the nuts and bolts of putting CCS projects together in the real world. Issues and hurdles addressed include: CO<sup>2</sup> capture, technologies and economics; assembling and aggregating acreage; regulatory hurdles; full-scale project build-out including financing and revenue generation; and water access and utilization issues.</p> <p>Moderator: Steve Melzer, Melzer Consulting - Midland, TX</p> <p>Panelists: Gary J. Gibbs, American Electric Power - Austin, TX</p> <p>Panelists: Susan Hovorka, The University of Texas at Austin Jackson School of Geosciences - Austin, TX</p> <p>Panelists: Nancy Mohn, Alstom Power, Inc. - Windsor, CT</p> <p>Panelists: Mike Moore, Blue Source LLC - Houston, TX</p> <p>Panelists: Thomas M. Weber, McElroy, Sullivan &amp; Miller, L.L.P. - Austin, TX</p>
<p>11:30 am 0.50 hr</p>	<p><b>Impact of Shale Gas on Energy Supplies, Prices and GHGs</b></p> <p>What impact will shale gas production have on national and regional energy supplies and pricing? How will shale gas production affect renewable energy development, the mix of energy sources for power generation and GHG emissions?</p> <p>Gregory Brazaitis, Energy Transfer Partners - Houston, TX</p>
<p>12:00 pm</p>	<p><b>Pick Up Lunch</b></p>

**Thursday Afternoon, Feb. 10, 2011**

**Presiding Officer:**

**Ann A. Hawkins**, Skadden Arps Slate Meagher & Flom LLP - Houston, TX

	<p><b>LUNCHEON PRESENTATION</b></p>
	<p><b>Introduction</b></p> <p>Robert W. Gee, Gee Strategies Group, LLC, Falls Church, VA</p>

<p>12:20 pm 0.75 hr</p>	<p><b>Key Policymakers' Perspectives: Creating the Right Environment for CCS and Offshore Carbon Storage</b></p> <p>Warren Chisum, Texas House of Representatives - Pampa, TX Jerry Patterson, Texas General Land Office - Austin, TX</p>
<p>1:05 pm</p>	<p><b>Break</b></p>
<p>1:20 pm 0.83 hr</p>	<p><b>Carbon Repositories: Lessons Learned from the Norwegian Experience, and the Future of Offshore Carbon Storage in Texas</b></p> <p>A discussion of the issues, challenges and opportunities--legal, geological, political and economic--for offshore carbon storage, including industry acceptance; seismic risks; and political, economic and operational issues, with special attention to the Norwegian North Sea Project and the future role, availability and operation of carbon storage in the GLO's offshore Texas Repository.</p> <p>Moderator: Michael J. Nasi, Jackson Walker L.L.P. - Austin, TX</p> <p>Panelists: David L. Coleman, DNV Energy North America - Katy, TX</p> <p>Panelists: Timothy A. Meckel, The University of Texas, Bureau of Economic Geology - Austin, TX</p> <p>Panelists: Kelly Merritt, CO2-Global LLC - Houston, TX</p> <p>Panelists: Louis Renaud, Texas General Land Office - Austin, TX</p>
<p>2:10 pm 0.50 hr</p>	<p><b>What Is the Role of Fossil Fuel under Today's Carbon Legislation?</b></p> <p>This session covers issues facing the development and operation of fossil-fueled power plants in the current carbon environment, including permitting, financing, construction, availability of fuel and market issues including competing technologies.</p> <p>Barbara Clemenhausen, Topaz Power Group - Austin, TX</p>
<p>2:40 pm 0.33 hr</p>	<p><b>Nuclear Options and Prospects</b></p> <p>What are the possibilities and prospects for nuclear power generation, including the use of small-scale reactors?</p> <p>Robert K. Temple, Babcock &amp; Wilcox Company - Charlotte, NC</p>
<p>3:00 pm 0.50 hr</p>	<p><b>Sunset Review of the Texas Energy Agencies</b></p> <p>Representative Anchia highlights the key recommendations of the Sunset Commission for changes to the PUC, ERCOT and Railroad Commission. He also speaks broadly on Texas' efforts to shape an energy policy that utilizes energy efficiency, renewable energy, storage and demand response programs in addition to conventional sources of energy.</p> <p>Rafael M. Anchia, Haynes And Boone, LLP - Dallas, TX</p>
<p>3:30 pm</p>	<p><b>Adjourn</b></p>