

COAL GASIFICATION

November 13-15, 2006 • Sheraton Denver West Hotel, Denver, CO

THE PATH FORWARD

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PLUS! DON'T MISS A GROUND-BREAKING
PRE-CONFERENCE SYMPOSIUM:

The Economics and Impacts of Carbon Capture, Transport & Sequestration

Infocast has assembled this conference and symposium to provide you with a comprehensive update on the leading edge of IGCC and gasification development:

- **New developments in incentives for coal gasification plants**
- **The prospect for rate recovery for gasification plants**
- **Wall Street views on the risks and prospects for financing gasification projects**
- **How 5 next-generation gasification methods may change the status quo**
- **How today's projects line up with potential carbon sinks—how sequestration will impact siting**
- **The economics of carbon transport and injection—and how future state and federal carbon regulation might affect plant economics**
- **Status and outlook for today's leading gasification projects**

<http://www.infocastinc.com/advcoal.html>

ABOUT THE EVENTS

All signs now point to “Go” for IGCC and coal gasification technology plant developments. Pressed by high natural gas prices, with state carbon standards underway and federal standards looming, major utilities and independent power producers are intent on developing a fleet of coal gasification plants. However, developing and financing successful coal gasification projects will depend on correctly judging the commercial viability and economics of not only competing first generation and advanced gasification technologies, but also the impacts of underground carbon storage.

Coal Gasification: The Path Forward and The Economics and Impacts of Carbon Capture, Transport & Sequestration will provide a comprehensive update not only on the state of coal gasification technologies and the status of current gasification project development, but also on the latest information regarding the technologies and economics for carbon sequestration. Utility and IPP developers of gasification plants, advanced gasification technology providers, state regulators, and financiers will examine the near-term prospects for IGCC and other coal gasification projects, while leading researchers and economists will explore the viability of underground storage of carbon, and its potential impacts on project siting and economics.

THE ECONOMICS AND IMPACTS OF CARBON CAPTURE, TRANSPORT & SEQUESTRATION

Pre-Conference Symposium • Monday, November 13

WELCOME AND INTRODUCTION FROM THE CHAIR

Susan Capalbo, Ph.D., Executive Director, Big Sky Carbon Sequestration Regional Partnership, and Professor, Agricultural Economics and Economics, Montana State University

STATUS OF SEQUESTRATION OPPORTUNITIES—REPORTS FROM SEQUESTRATION PILOT SITES AND R&D INITIATIVES

This panel will examine the current state of the art in sequestration, discussing results from pilot sites throughout the US, as well as the opportunities for EOR (enhanced oil recovery).

Moderator:

Susan Capalbo, Ph.D., Executive Director, Big Sky Carbon Sequestration Regional Partnership, and Professor, Agricultural Economics and Economics, Montana State University

Panelists:

Robert J. Finley, Ph.D., Director, Energy & Earth Resources Center, Illinois State Geological Survey

Mark Holtz, Project Manager, Southwest Carb, Gulf Coast Carbon Center, University of Texas, Austin

Larry Myer, WestCarb Program Leader, California Energy Commission, Lawrence Livermore National Labs

INJECTION TECHNOLOGY—PERFORMANCE AND ECONOMICS

This panel will examine the state of the compression, injection and monitoring technologies—what’s available now and what it costs, as well as advancements on the horizon.

Moderator:

Jeff Moore, Principal Engineer, Southwest Research Institute

T.S. Ramakrishnan, Ph.D., Scientific Advisor, Schlumberger-Doll Research

IMPACTS OF CARBON SEQUESTRATION AND TRANSPORT ON SITING

Whether new coal plants are sited near reservoirs, rail lines, or have to build carbon pipelines from scratch, a new layer of siting challenges will be added. This panel will examine how carbon pipeline siting will be handled, including whether accelerated siting and permitting will be allowed, as well as how siting criteria are being used on the FutureGen initiative.

Moderator:

The Honorable Donald Paul Hodel, former Secretary, Departments of Energy and of the Interior, and Chairman, Summit Power Group

Panelists:

Klaus Lambeck, Chief of Facilities, Siting and Environmental Analysis, Ohio Public Utilities Commission (invited)

B. Peter McGrail, Ph.D., Chief Scientist of Carbon Management Technologies, Battelle Pacific Northwest Division

John E. Niland, P.E., Vice President, Northeast Development, NRG Energy, Inc. (tentative)

ASSESSING ECONOMIC OPPORTUNITIES AND IMPACTS OF CARBON TRANSPORTATION AND INJECTION

This panel will explore how to assess the economic impacts of carbon transportation and injection, including EOR as a balance-sheet plus, taking advantage of carbon credit trading, and how Wall Street views financing carbon sequestration.

Panelists:

Mike Godec, Vice President, Advanced Resources International Inc.

Gary Krellenstein, Managing Director, JP Morgan Chase

Steve Melzer, Melzer Consulting

Bill Townsend, CEO, Bluesource, LLC

Senior Executive, Kinder Morgan CO₂ Company, L.P.

DESIGNING NATIONAL AND STATE FRAMEWORKS FOR CARBON MANAGEMENT STANDARDS

This panel will discuss how carbon sequestration regulation is being handled, including the development of siting and permitting guidelines for carbon pipelines and reservoirs, and apportioning the risks of carbon sequestration.

Moderator:

Kipp A. Coddington, Partner, Alston & Bird; Executive Director, Carbon Commodity Coalition

Panelists:

Bob Bergman, P.E., Commission Advisor, Colorado Public Utilities Commission

Shannon Eddy, Advisor, Energy Efficiency & Renewables, California Public Utilities Commission

Sarah M. Forbes, Office of Systems, Analyses & Planning, National Energy Technology Laboratory

Jim Marston, Texas Director and Senior Attorney, Environmental Defense

Dr. Laura Nelson, Energy Advisor, Office of the Utah Governor

Michael Walsh, Senior Vice President, Chicago Climate Exchange (tentative)

PROGRESS TOWARDS CARBON CONTROL LEGISLATION

This presentation will address the national debate around energy security and global warming vis-à-vis “clean coal.” It will examine recent activities on the Hill, looking at what the various proposals put forward say, and assess their prospects for passage.

Kipp A. Coddington, Partner, Alston & Bird; Executive Director, Carbon Commodity Coalition

COAL GASIFICATION: THE PATH FORWARD

Tuesday, November 14

WELCOME AND INTRODUCTION FROM THE CHAIR

The Honorable Donald Paul Hodel, former Secretary, Department of Energy and of the Interior, and Chairman, Summit Power Group

SPEARHEADING IGCC DEVELOPMENTS: HOW MAJOR UTILITIES AND IPPS VIEW GASIFICATION TRENDS, COSTS, RISKS AND THE REGULATORY HORIZON

- The reasoning behind decisions to pursue coal gasification
- Experiences to date dealing with state commissions regarding cost recovery
- How Wall Street views publicly owned utilities financing/investing in coal gasification projects

Panelists:

David Hicks, Senior Director of Project Development, Florida Power & Light
Gary Krellenstein, Managing Director, JP Morgan Chase
Dr. Laura Nelson, Energy Advisor, Office of the Utah Governor
John E. Niland, P.E., Vice President, Northeast Development, NRG Energy, Inc. (tentative)

GASIFICATION PROJECT DEVELOPERS' PERSPECTIVES ON PROJECT ECONOMICS AND SITING

- Factoring carbon transport and sequestration into the siting and permitting process
- The persistence of NIMBY, even for IGCC
- Financing vehicles and risk allocation
- Status of EPC wraps and emerging technologies
- Assessment of performance—reliability figures from pilot plants
- Coal access and quality/altitude/efficiency issues in coal gasification technology selection

Moderator:

Susan Capalbo, Ph.D., Executive Director, Big Sky Carbon Sequestration Regional Partnership, and Professor, Agricultural Economics and Economics, Montana State University

Panelists:

Wm. Mark Hart, President & CEO, WestHawk Development Corporation
Mark Langford, Vice President, Kiewit Industrial Co.
William J. Martin, President, CME International (Lawrenceville KS IGCC project)
Tom Micheletti, Co-CEO, Excelsior Energy Inc. (DOE Mesaba Project)
Eric Redman, Shareholder, Heller Ehrman LLP

UPDATE ON IGCC TECHNOLOGY AND DEVELOPMENTS—PROGRESS AND PROSPECTS FOR COAL GASIFICATION PROJECTS

- What projects are now underway?
- Updates on project economics and likely timelines for performance guarantees, and performance reports from US and European plants
- Impact of SUSTEC GSP technology purchase by Siemens

Moderator:

Anthony Cirillo, General Manager --Power, Washington Group International

Panelists:

Jack M. Jones, Market Development, Shell Global Solutions (US), Inc.
James Jurcza, Project Manager, Burns & McDonnell
Harry Moorehead, Manager, IGCC Marketing, Siemens Power Generation, Inc.

STATUS AND OUTLOOK OF ADVANCED GASIFICATION TECHNOLOGIES FOR POWER PLANTS

- How close to commercialization are advanced gasification technologies?
- How well have they been tested?
- What are the costs? The potential capital cost and operational benefits?
- What are advantages and disadvantages over first generation technologies?

Presenters:

Jim Barker, Co-Chairman, Hague Environmental Power
Bruce G. Bryan, Director of Gasification Research, Gas Technology Institute
Reina A. Calderon, Vice President & General Counsel, Calderon Energy Company
Dan P. Shelledy, Vice President, Business Development, Texas SynGas, Inc.

Wednesday, November 15

VIEWS FROM STATE REGULATORS—PROSPECTS FOR RATE-RECOVERY AND MANDATES FOR CLEAN COAL

- Will gasification be mandated as Best Available Technology for emission reductions? Will siting and permitting be favored and accelerated?
- Rate recovery: should IGCC projects be allowed to recover their costs?
- How will lack of clarity and consistency between state and federal regulations regarding IGCC and regular coal plants be handled?
- EPAct2005 3rd party covenant, production & investment tax credits, accelerated depreciation, loan guarantees, bonds, and other incentives and provisions—are they working?
- What impact will the recent Western States Governors Association policy whitepaper have on siting and cost recovery?

Panelists:

Bob Bergman, PE, Commission Advisor, Colorado Public Utilities Commission
Shannon Eddy, Advisor, Energy Efficiency & Renewables, California Public Utilities Commission
Klaus Lambeck, Chief of Facilities, Siting and Environmental Analysis, Ohio Public Utilities Commission (invited)

EQUITY, INSTITUTIONAL INVESTORS' AND LENDERS' VIEWS ON THE RISKS AND FINANCEABILITY OF IGCC AND OTHER GASIFICATION TECHNOLOGIES

- Have the views of equity investors changed significantly?
- Has banker skepticism for gasification—based on lack of experience—changed significantly over the last year?
- How does the likelihood of future carbon cap regulation shift lenders view of project viability?
- What new potential delays and risks are coming into view?

Panelists:

Andre Burba, Vice President, Investment Banking - Energy, Global Project Finance, Credit Suisse Securities
William J. Martin, President, CME International
David R. Siever, Chairman, Capital Technology Inc.
Swaminathan Venkataraman, CFA, Director, Utilities, Energy & Project Finance, Standard & Poor's

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3 EMAIL: mail@infocastinc.com

5 WEBSITE: <http://www.infocastinc.com/advcoal.html>

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TEAM DISCOUNT

For teams of three or more from the same organization, the third and subsequent registrants qualify for a 50% discount off the Standard Tuition rate.

** Discounts are subject to verification and approval. No discounts can be combined.*

VENUE

Infocast has secured a limited number of rooms at the Sheraton Denver West Hotel that will be held until October 20, 2006. To receive the special rate of \$99.00, call (303) 987-2000 and mention that you are an Infocast attendee or group code COK14A. The hotel is located at 360 Union Boulevard, Lakewood, CO 80228.

CONTINUING EDUCATION CREDITS

Infocast certifies that this activity has been approved for Continuing Education credit by the State of California in the amount of 6.5 hours for the Pre-Conference Symposium and 9.5 hours for the Conference. Continuing Education credit hours are subject to change.

CANCELLATION, REFUNDS & CREDITS

Should you be unable to attend, a refund, less a \$195 administrative charge, will be made for cancellations received via letter or fax at least 10 working days before the event. We will be pleased to transfer your registration to another member of your company, or credit the registration fee to another Infocast conference if you register within 6 months from the date of this conference. In the event the conference is canceled, Infocast's liability is limited to the refund of the conference registration fee only.

REGISTRATION FORM

Please make check payable to "Infocast"

Coal Gasification: The Path Forward

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Please check one or more of the following:

- I would like to take advantage of the discount (see website)
 I can't attend, but put me on your mailing list for future programs

TUITION:	STANDARD	GOV'T
1. Pre-Conference Symposium (November 13, 2006)	\$795	\$595
2. Conference (November 14-15, 2006)	\$1,495	\$995
		TOTAL:

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