



Gasification Technologies Conference 2009

October 4-7 | The Broadmoor | Colorado Springs, CO

Register at <https://www.gasification.org/orders/register.aspx>

Pre-conference registration ends September 25

Rates increase \$100 onsite

Sunday, October 4

1:00 – 3:00 p.m. GTC Fall Membership Meeting Members
4:00 – 7:00 p.m. Conference Registration
5:00 – 7:00 p.m. Opening Reception –Exhibit Hall

Monday, October 5

7:00 a.m. **Conference Registration**
Continental Breakfast Exhibit Hall

8:00 a.m. **Opening Session and Introductions**
Broadmoor Hall

8:30 a.m. **Keynote Address**
Honorable Dave Freudenthal, Governor of Wyoming

9:00 a.m. **Session 1: Roundtable Discussion: Securing Project Financing in a Challenging Economic Environment**
Moderator: Herb Kosstrin, R.W. Beck

Bart Ford, Tenaska, Inc.
Paul Mitchell, Eastman Chemical Company
Michael Panteloganis, WestLB
David Siever, Capital Technology Inc.

10:00 a.m. **Break – Exhibit Hall**

11:00 a.m. **Session 2: Plant Performance, Reliability, Availability, and Maintainability**
Moderator: Phil Amick, ConocoPhillips

Project Design Requirements: IGCC vs. SNG
Ron Herbanek, ConocoPhillips

RAM Evaluation for Gasification and IGCC Plants
Dr. Arianne Sutor, Siemens AG

Gasification to Meet Refinery Hydrogen, Electricity & Steam Demands: Availability vs. Costs

Rosa Maria Domenichini, Foster Wheeler Italiana SpA

ASU/IGCC Integration Strategies With and Without CO₂ Capture

David McCarthy, Air Products & Chemicals, Inc.

12:30 p.m.

Lunch – Exhibit Hall

2:00 p.m.

Session 3: Carbon Management I – Gasification Power Projects with Carbon Capture in Development

Moderator: Michael R. DeLallo, WorleyParsons Group, Inc.

FutureGen, Mattoon, IL, USA

Dave Brown, FutureGen Alliance

Hydrogen Energy California, USA

Craig Skinner, BP

ZeroGen, Queensland, Australia

Dr. Chris Greig, ZeroGen Alliance

GreenGen, China

Dr. Xu Shisen, Thermal Power Research Institute

3:30 p.m.

Break – Exhibit Hall

4:30 p.m.

Session 4: Project Updates, Power, Chemicals, Fuels

Moderator: Lee A. Schmoe, Bechtel Oil, Gas & Chemicals

Kentucky New Gas Permit Development and Progress

Cliff Keeler, ConocoPhillips

Moving Forward: Duke Edwardsport IGCC

Dennis Zupan, Duke Energy

Production of Clean Gasoline from Coal with Exxon Mobil MTG Technology

Mitch L. Hindman, ExxonMobil Research & Engineering Company

Mitsubishi IGCC Project Updates

Koichi Sakamoto, Mitsubishi Heavy Industries

Startup of the OMB Gasifier at the Jiangsu Linggu Chemical Company

Linming Qian, Jiangsu Linggu Chemical Co.

6:00 p.m. **Reception – Exhibit Hall**

Tuesday, October 6

7:00 a.m. **Conference Registration**
Continental Breakfast Exhibit Hall

8:00 a.m. **Session 5: Carbon Management II**
Moderator: Steve Jenkins, CH2M Hill

**Enhanced Prospects for Gasification in a Carbon Constrained World:
The Viewpoint of an Active Contractor**
Fausto Ferrari, Saipem S.p.A

EPRI IGCC with CCS Demonstration Projects
Jack Parkes, Electric Power Research Institute

**Comparison of CO₂ Capture Costs for Coal Power Plants: What
Scenarios Favor IGCC?**
Robert Slettehaugh, Black & Veatch

Purification of CO₂ for Sequestration and Low Emissions Venting
Leo Bonnell, SNC Lavalin

9:30 a.m. **Break – Exhibit Hall**

10:30 a.m. **Session 6: Diversifying the Resource Base with Biomass
& Secondary Materials**
Moderator: Dale Simbeck, SFA Pacific

Pulp Mills – The Optimum Location for Biorefineries
Ingvar Landälv, Chemrec AB

Operating Experience and Plans for Thermoselect MSW Gasification
Frank Campbell, Interstate Waste Technologies

**Alter NRG Plasma Gasification System for Waste and Biomass
Gasification**
Pieter van Nierop, AlterNRG Corp.

Deploying the InEnTec PEM MSW Conversion System
Jeffrey E. Surma, S4 Energy Solutions

12:00 noon **Lunch – Exhibit Hall**

1:30 p.m.

Session 7: Project Updates I

Moderator: Neville Holt, EPRI

Siemens Gasification & IGCC Activities, North America & China
Harry Morehead, Siemens Energy, Inc.

PRENFLO PSG and PDQ: Update on Operation & Projects
Bill Richards, Uhde Corporation of America

GE Current Successes and Policy Update
Monte Atwell, GE Energy

Shell Coal Gasification – Leading Technology Across Multiple Applications
Evert van Holthoon, Shell Global Solutions International

3:00 p.m.

Break – Exhibit Hall

4:00 p.m.

Session 8 – Project & Technology Updates

Moderator: Ross Fava, Shell

Shell Coal Gasification – Delivering Performance in Chinese Operations
Michiel Mak, Shell Clean Coal Energy

Nakoso Air Blown IGCC Project Progress
Yoshitaka Ishibashi, Clean Coal Power R&D Co., Ltd.

Development and Advancement of U-Gas Technology
Francis Lau, Synthesis Energy Systems

Air-Blown Gasification for Ammonia Polygeneration Using Low Rank Coals
David Wakefield, Econo-Power International Corporation

5:30 p.m.

Adjourn for the Day

Evening Open

Wednesday, October 7

7:00 a.m.

Conference Registration
Continental Breakfast & Exhibits

8:00 a.m.

Session 9 – Improving the Technologies: What’s on the Horizon?

Moderator: Harry Morehead, Siemens Energy, Inc.

Building on History...the Next Generation of Technology

Joe Zuiker, GE Energy

Meeting Staged CO₂ Capture Requirements with the UOP SELEXOL™ Process

Raj Pala, UOP

RTI/Eastman Warm Gas Cleanup: Integration with Carbon Capture

Raghubir Gupta, RTI International

Gasification for the Next Generation: Zero Emission Energy Plants

Bruce Bernard, Zero Emissions Energy Plant

9:30 a.m.

Break – Exhibit Hall

10:30 a.m.

Session 10: Advances in Technologies Address Challenges of Cost, Efficiency and Climate Change

Moderator to be named:

PWR Compact Gasification Development Status

Alan Darby, Pratt & Whitney Rocketdyne

ITM Oxygen: Taking the Next Step

VanEric Stein, Air Products & Chemicals, Inc.

Performance & Cost Comparisons of Alternate IGCC Based CO₂ Capture Technologies

John Plunkett, Noblis

The Potential of Advanced Gasification Pathways to Reduce CO₂ Capture Costs

Kristen Gerdes, U.S. DOE/NETL

Cost & Performance for Low-Rank Coal Power Plants, Final Report

Jeff Hoffman, U.S. DOE/NETL

Monitoring of Pilot Scale Coal Gasifier Flames with US-VIS Spectroscopic Sensor

Serguei Zelepouga, Gas Technology Institute

12:30 p.m.

Conference Adjourns

Please Note: Attire is business casual

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***Mark Your Calendars –
2010 Gasification Technologies Conference
Washington, DC
October 31 – November 3***