

Coal, Steel, and the Industrial Economy

PURDUE UNIVERSITY
Discovery Park

A Briefing hosted by:

The Energy Efficiency & Reliability Center, Purdue Calumet in partnership with
the Energy Center at Discovery Park, Purdue West Lafayette
& the Indiana Center for Coal Technology Research

December 11-12, 2008, Calumet Conference Center, Purdue Calumet Campus, Hammond, Indiana

Visit Conference Website for **Registration** and Additional Information:

http://www.purdue.edu/dp/energy/events/CCTR_Meetings_Dec_2008/

Thursday, December 11

- 8:00am Continental Breakfast / Registration (Rooms 134-135)
- 9:00am-12:30pm **CCTR Advisory Panel Meeting** (Rooms 136-137)
- 9:00 Opening Remarks: Marty W. Irwin, CCTR Director
- 9:15 **Coal Characteristics Report**
Maria Mastalerz, Indiana Geological Survey, Indiana University
- 9:45 **Indiana Coal for Coke**
Robert Kramer, Purdue University Calumet
- 10:10 Break
- 10:25 **Coal Transportation**
Tom Brady, Purdue University North Central
- 10:50 **Underground Coal Gasification**
Arvind Varma, School of Chemical Engineering, Purdue University
Evgeny Shafirovich, University of Texas at El Paso
- 11:15 **Oxyfuel Combustion**
Steve Son, School of Mechanical Engineering, Purdue University
- 11:40 **Coal Gasification for Indiana**
Christopher Peters, Choren USA LLC
- 12:15pm **Edwardsport IGCC Update**
Mark Newlin, Duke Energy Indiana
- 12:30pm Lunch (Rooms 134-135)

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- 1:30-5:00pm **Coal In the Big Picture** (Rooms 136-137)
- 1:30 **Energy Futures in the U.S. Economy**
Daniel J. Sajkowski, Business Unit Leader, BP
- 2:15 **Coal and the U.S. Economy**
Robert W. Shanks, Vice President, Operations, Arch Coal Inc.
- 3:00 Break
- 3:30 **Steel Production and The Industrial Economy**
Eric Knorr, Corporate Manager, Supply Chain Management, Mittal Steel Co.
- 4:15 **Coal Byproducts and The Industrial Economy**
Jeffrey J. Siirola, NAE, Technology Fellow, Eastman Chemicals Co.
- 5:00pm Adjourn
- 5:00-6:00pm Reception (Gallery outside meeting rooms)
- 6:00 Dinner (Rooms 134-135)
- 7:00 *Speaker:* Frank V. Maisano
Business, Energy and the Environment – What to Expect

Mr. Maisano, a skilled media specialist, joined Bracewell & Giuliani LLP after 15 years as a press secretary on Capitol Hill specializing in energy and environment issues. As an adjunct professor at Johns Hopkins University's Carey Business School, Mr. Maisano teaches corporate communications, negotiations and bargaining in the MBA and graduate marketing programs. He maintains important contacts on Capitol Hill, especially with the appropriations and energy committees, and is also well-connected with communicators in key administration press offices. He serves as guest lecturer on communications and global warming for several academic programs, including Northwestern's Medill School for Journalism, George Washington, Syracuse, and William and Mary Universities.

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Friday, December 12

7:30 am Continental Breakfast (Rooms 134-135)

8:00-Noon **Industrial Growth and Energy Infrastructures** (Rooms 136-137)

8:00 Introductions: Dr Jay P. Gore, Director, Purdue University, Energy Center at Discovery Park
Welcome Back: Dr Howard Cohen, Purdue Calumet Chancellor

8:15 ***Regional Stability and Economic Growth***

Tim Sanders, Executive Director, Regional Development Authority

8:45 ***Coal Opportunities, Economic Strength and Environmental Protection***

Robert Kramer, Purdue Calumet, Director, Energy Efficiency & Reliability Center

9:30 Break

10:00am Infrastructure Change & Development

- ***Railroads & Coal Transportation Enhancements***
Tom Brady, Purdue North Central
- ***Positioning for Indiana and the North-West Region's Future***
Jody Peacock, Directory of Corporate Affairs, Ports of Indiana
- ***Midwest Energy/Electricity Capacity Expansion Plans***
Midwest Independent System Operator, MISO
Graham Edwards, Chief Executive Officer
David Hadley, Vice President of State Relations
- ***Coal in the Midwest Economies***
Tom Sparrow, F.T. Sparrow & Associates
- ***Regional Development Coordination, CO₂ Gas Pipelines***
Marty W. Irwin, CCTR Director

Noon Wrap up