

Workshop

Impacts of High and Volatile Energy Costs on Energy Intensive Industries: Coping Strategies and Future Research Needs

April 9 – 10, 2008

National Research Center for Coal and Energy (NRCCE)
West Virginia University ~ Morgantown, WV

Wednesday (April 9)

7:45 – 8:15 Registration (coffee and juice available)

8:15 – 8:30 Welcome, introductions, goals of the workshop

8:30 – 9:00 Industrial Energy Opportunities (Dick Munson, Recycled Energy Development)

9:15 – 10:30 Energy supply panel: Panel chair (Jeff Herholdt, WV Division of Energy), Fossil Energy Supply (Kenneth Kern, NETL), Electricity (Lester Lave, Carnegie Mellon), Council of Industrial Boiler Owners (Robert Bessette)

Questions to be addressed: *(1) Reasons for high and volatile energy costs, (2) Processes to create efficiencies in energy supply, (3) What are energy suppliers doing with respect to holding the line on energy costs and volatility, and (4) Energy supply outlook and recommendations for future research studies.*

10:30 – 11:00 Break

11:00 – 12:15 Industrial manufacturing industries panel: Panel chair (Jason Blumberg, McKinsey), Food industry (Jean Kinsey, U. of Minn.), Paper industry (Jacquie McNutt, Georgia Tech.), Forest industries (Earl Kline, Virginia Tech.), Chemical industry (Barry Phillips, Bayer Corp.)

Questions to be addressed: *(1) Critical competitiveness issues facing industrial manufacturing industries, (2) Impacts of high and volatile energy costs, (3) Coping strategies, and (4) Sector outlook and recommendations for future research studies.*

12:15 – 1:15 Lunch

1:15 – 2:45 Materials industries panel: Panel chair (Xingbo Liu, WVU-MAE), Metals processing industry (Cynthia Powell, NETL), Steel industry (Ravi Madhavan, U. of Pittsburgh), Aluminum industry (Subodh Das, U. of Kentucky)

Questions to be addressed: *(1) Critical competitiveness issues facing metals industries, (2) Impacts of high and volatile energy costs, (3) Coping strategies, and (4) Sector outlook and recommendations for future research projects.*

2:45 – 3:00 Break

3:00 - 4:30 Transportation industries panel: Panel chair (Al Ebron, WVU-NRCCE), Trucking and Airline industry: Energy efficiency and renewable fuel potential (Valerie Thomas, Georgia Tech.), Airline industry: Financial perspective (William Swelbar, MIT), Travel and tourism industry (Richard Harrill, U. of South Carolina)

Questions to be addressed: *(1) Critical competitiveness issues facing transportation industries, (2) Impacts of high and volatile energy costs, (3) Coping strategies, and (4) Sector outlook and recommendations for future research projects.*

4:30 – 5:00 Cross Industry Sustainability Issues (Jacquie McNutt, Georgia Tech.)

6:15 Networking reception and dinner (Presentation by Douglas Kaempf, Manager, U.S. Dept. of Energy, Industrial Technologies Program, on "The Value Proposition for Energy Efficiency in the Industrial Sector")

Thursday (April 10)

7:45 – 8:15 Registration (coffee and juice available)

8:15 – 8:45 Correlating Corporate Stock Prices with Energy Costs (Ashok Abbott, WVU-Finance)

8:45 – 9:00 Brainstorming Sessions: Processes and Outcomes (Carl Hadsell, WVU-CESD)

9:15 – 12:00 Facilitated brainstorming sessions – small group discussions

Small discussion group leaders (Timothy Heames [MANG], Michael Eastman [LTI], Robert Bessette [CIBO], Larry Banta [WVU-MAE], Valerie Thomas [Georgia Tech.], and Jean Kinsey [U. of Minn.]

Each group will develop and prioritize ideas with respect to each of the following topics:

- Potential useful coping strategies that could be used across industries in dealing with high and volatile energy costs
- High priority research projects that should be undertaken to help industries cope with high and volatile energy costs
- Public policy recommendations for coping with high and volatile energy costs

12:00 – 1:00 Lunch

1:00 – 1:30 Small group discussion leaders present summaries of results from the morning's facilitated brainstorming sessions

1:30 – 2:30 Development of follow-up action items

2:30 Adjourn the workshop