



Planning Workshop



Clean Coal Power Initiative (CCPI)

“Clean, Reliable & Affordable Electricity for America’s Future”

September 28, 2001

Sponsored by
United States Department of Energy
Office of Fossil Energy
National Energy Technology Laboratory

Hyatt Regency
Pittsburgh International Airport
Pittsburgh, Pennsylvania

BACKGROUND

The Clean Coal Power Initiative (CCPI) is a government/industry partnership to implement the President’s National Energy Policy (NEP) recommendation to increase investment in clean coal technology. This recommendation, one of several dealing with electricity, addresses our National challenge of ensuring the reliability of our electric supply while simultaneously protecting our environment.

The CCPI is a cost-shared partnership between the government and industry to demonstrate advanced coal-based, power generation technologies. The goal is to accelerate commercial deployment of advanced technologies to ensure the U.S. has clean, reliable, and affordable electricity. This ten-year initiative will be funded at a total Federal cost share estimated at \$2 billion with a matching industry cost share of at least 50%.

The planning workshop provides a forum for government, industry, academia and other interested parties to offer their views on the CCPI and its subsequent implementation and management. Participant views will also be solicited on the existing coal power R&D program as well as on possible incentives to accelerate commercial deployment of advanced technologies. This interaction will assist the DOE in designing an overall, clean coal power investment strategy that best satisfy the needs of prospective participants in the CCPI, stakeholders and the American public.



REGISTRATION

Pre-registration for the Workshop is desired. A registration fee of \$55.00 is required to cover the cost of food and beverages (continental breakfast, morning and afternoon breaks, and lunch). To register, please complete the enclosed registration form and return it to:

U.S. Department of Energy
NETL Event Management
P.O. Box 10940
MS 922-174A
Pittsburgh, PA 15236
Phone: 412-386-4933
Fax: 412-386-6486
Email: joan.barbish@netl.doe.gov

VENUE AND HOTEL INFORMATION

The Workshop is scheduled for the Hyatt Regency located at the Pittsburgh International Airport. The hotel is located on the airport grounds adjacent to the moving walkway to the main parking lot. For most attendees, the conference timing should allow same day travel to/from conference. For attendees requiring an overnight stay, a block of rooms has been reserved at a rate of \$79.00 plus tax for a single or double room. Please reference the U.S. Department of Energy when making your reservation to obtain this rate. The Hotel contact information is as follows:

Hyatt Regency Pittsburgh International Airport
1111 Airport Boulevard
Pittsburgh, PA 15231
Phone: 724-899-1234
Fax: 724-899-6080



*Hyatt Regency
Pittsburgh International Airport*

*Hyatt Regency
Meeting Room*

Clean Coal Power Initiative (CCPI) Planning Workshop Agenda

Hyatt Regency
Pittsburgh International Airport
September 28, 2001

9:00-10:00 am
Registration
Continental Breakfast

10:00 - 10:30 am
General Richard L. Lawson (RET)
Former President of the
National Mining Association

- ❖ Assuring a Role for Coal in America's Future
- ❖ Overcoming Barriers to Coal Use
- ❖ Government Role / Industry Role

10:30-11:00 am
"Opening Remarks"
Robert Kripowicz
United States Department of Energy

- ❖ National Energy Plan
- ❖ Challenges & Opportunities
- ❖ FE Approach to Meet Challenges & Opportunities
- ❖ Need for Active Industry Involvement
- ❖ Desired Outcome from CCPI Investments

11:00 - 11:30 am
"CCPI"
Rita Bajura, Director
National Energy Technology Laboratory,
United States Department of Energy

- ❖ Overview of DOE Coal R&D
- ❖ Benefits of Past Investments in RD&D
- ❖ CCPI Integration (R&D, Demonstrations, and Incentives)
- ❖ Options for the CCPI Demonstration
- ❖ Introduce Topics for Afternoon Workshops

12:00-1:00 pm
GROUP LUNCH

1:00-3:15 pm
"BREAKOUT SESSIONS"
Facilitated by DOE Representatives

- ❖ Identify CCPI Issues & Concerns
- ❖ Provide Suggestions

Technology
What Technologies Should Be Addressed in RD&D Programs

- ❖ Near or Long Term
- ❖ Carbon Reduction/Elimination
- ❖ Generation Efficiency
- ❖ Retrofit and Powering
- ❖ Brownfield/Greenfield
- ❖ Reliability and Capacity
- ❖ Infrastructure Improvements

Markets & Business
What Draws Industry To Be Involved in Demos; What Does It Take to Get a Technology Broadly Deployed

- ❖ Incentives
- ❖ Teaming
- ❖ Repayment
- ❖ Financing Options
- ❖ Industry Participation

Regulatory
How Do Regulations Drive and Constrain RD&D and Deployments

- ❖ Public Needs & Benefits
- ❖ Regulatory Constraints
- ❖ Control Technology (e.g., mercury)
- ❖ By-Product Management
- ❖ Water Usage
- ❖ Emissions Trading

Management
What Management Structure Will Maximize Benefits to Nation

- ❖ Industry & Association Involvement Guideline Development
- ❖ Program Implementation & Management Approaches

Cross-Cutting Theme: *Finance*

3:15-3:30 pm
"Session Reports & Next Steps"
Carl Bauer