Coal Beneficiation Overview

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Potential Coal Working Group Coal Beneficiation Projects

- CB Conference/Workshop and WCU Orientation Visit in USA
- CB/WCU/FCCR Conference/Workshop in India
- Engagement of Experts for Commercial Venture Modeling
- Development of a CB/WCU Model Project
- FCCR Orientation Visit to the USA
- Developing a Flow sheet for an Advanced FCCR for Indian Coal
- Developing a Coal Cleaning Plant Simulator

CB Workshop/Site Visit

- CB Conference/Workshop and WCU Orientation Visit in USA
  - May 2006
    - Annual Coal Preparation Workshop and Exhibition held at Lexington, KY during the first week of May.
    - Orientation visit for the Indian delegation to some selected WCU project sites

CB Workshop in India

- <u>CB/WCU/FCCR Conference/Workshop in India</u>
  - Organize a two-day conference/workshop on all aspects of CB/WCU/FCCR including the inter-relationship/inter-dependence of these processes. One day will be devoted to specialized issues of each area.

Process Modeling

- <u>Engagement of Experts for Commercial Venture Modeling</u>
  - Provide expert assistance in CB/WCU as well as CB/FCCR process modeling. USDOE would facilitate discussions between India and U.S. experts and technology providers.

CB Model Project

- <u>Development of a CB/WCU Model Project</u>
  - Support a combined CB/WCU co-development model project.

Fine Coal Cleaning and Recovery (FCCR) Site Visit

- <u>FCCR Orientation Visit to the USA</u>
  - Organize an orientation visit for an Indian delegation from the coal and metallurgy sectors to evaluate FCCR in the U.S. and viability in India.

Advanced FCCR

- Developing a Flow sheet for an Advanced FCCR for Indian Coal
  - 1st Qtr. 2007
    - Develop process flow sheets, incorporating advanced flotation processes such as Microcel that can produce low-ash, clean coals at high yields.

Coal Cleaning Plant Simulation

- <u>Developing a Coal Cleaning Plant Simulator</u>
  - Develop a computer simulation model that can be used to develop optimum process conditions for cleaning Indian coals