

**U.S. – India Coal Working Group Meeting**

**Coalbed Methane Panel Discussion**

**Renaissance Mayflower Hotel**

**November 22, 2005**

# U.S. Delegates

- **Mark Stern** Moderator – MT Energy Associates
- **Peter Lagiovane** Office of Fossil Energy – U.S. Department of Energy
- **Pamela Franklin** CBM Outreach Program – U.S. Environmental Protection Agency
- **Marian Bassett** Country Manager – U.S. Trade and Development Agency
- **Jon Kelafant** Vice President – Advanced Resources International (ARI)

# Indo-US Cooperation in CBM

- **Facilitating Contacts with U.S. Industry**

Organize meetings between the Director General of Hydrocarbons and major U.S. CBM producers - 1997

- **CBM Exploration Licensing**

U.S. DOE participation in CBM-I and CBM-II Exploration Licensing Road Shows in Houston

- **CBM Regulation**

Orientation visit by Secretaries from India's ministries of Coal, Petroleum & Natural Gas, and Labor to examine U.S. regulations and practices for producing CBM – January 2003

# Indo-US Cooperation in CBM

- **Indo-US Conferences and Workshops in New Delhi**
  - CBM/LNG Conference – April 1997
  - Conference on Building Natural Gas Markets in India, with CBM workshop – April 2002
- **USTDA Project Support**
  - CBM Feasibility Study for Essar carried out by ARI
  - Two CBM Orientation Visits to the United States
- **Proposed Initiatives**
  - CBM Clearinghouse – US EPA and US TDA
  - CBM Workshops/Seminar – US DOE – MoP&NG  
Oil and Gas Working Group

# Indo-US Cooperation in CBM

## Selected Issues

- **CBM/CMM Rightholding and Regulation**
  - Producing CBM in active mining areas
  - Conflict resolution
- **Technology acquisition and information exchange**
- **Commercialization of methane (CMM and CBM)**
- **Value of a CBM Clearinghouse**

# CBM as a Working Group Topic

Foreign Secretary Shyam Saran:

“While each Working Group has its own agenda and priorities, from a broader perspective, we attach considerable importance to working with the United States on civilian nuclear energy, coal-bed methane and in-situ gasification.”

From a letter to U.S. Under Secretary for Energy David Garman, 20 October 2005

# Indo-US Cooperation in CBM

## Next Steps