

Opencast Mining

8th Roundtable Conference on Coal

Underground Mining

Theme : Role of Coal in Energy Transition

Friday, 12th April, 2024

Desire Hall
Hotel Le Meridien, New Delhi

Coal Gasification

Coal to Oil

Supporters



सत्यमेव जयते

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INDIA
ENERGY
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India Energy Forum



Mining, Geological & Metallurgical
Institute of India - Delhi Chapter



Indian School of Mines
Alumni Association - Delhi Chapter

Partner



Coal India Limited
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Roundtable Conference on Coal

Fossil fuels like Coal, Oil and Natural Gas with Coal occupying the dominant position, have been the prime source of Commercial Energy for the mankind right since the time of Industrial Revolution.

An enormous amount of wealth has been generated by Coal and it will not be an exaggeration if we credit Coal for the current affluence of the developed countries of the world. Scientific studies have however revealed that use of progressively increasing quantities of Coal particularly for power generation has played a major role towards making the planet warmer. In fact, the current assessment shows that unless the world puts a stop to addition of Greenhouse Gases into the atmosphere, the Earth will become uninhabitable in no time. It is on this account that different countries have fixed targets for the year by which they would decarbonize their economy.

But then, it has also to be accepted that it is becoming extremely difficult, if not impossible to do away with the Coal since even today 36% of Power Generation globally depends on Coal. For India, importance of Coal is much greater in as much as 75% of our Power Generation is fueled by Coal. We are having very limited reserves of Oil and Gas, 80% of which is imported and Coal is the only fossil fuel of which we have abundance and which meets more than 50% of our Commercial energy needs. Despite all that has been achieved, the per capita consumption of Power in India is even now very low - 1300 units and for improving the standard of living in our country, we have to increase this level several times. For this purpose, we have to increase our power generation and for achieving this we have to increase our Coal production immediately to 1 BT per annum and 1.5 BT per year by 2030.

We however realize our responsibilities as global citizens that we cannot continue to burn Coal in BAU (Business As Usual) manner and we have therefore decided to adopt a strategy of improving technological aspects of coal combustion for containing its adverse impact on Environment and also shift our total dependence of Coal partly and to a large measure to Renewables.

This technological improvement is being brought about by :

- (i) Adopting Clean Coal Technologies.
- (ii) Using Technologies to improve thermal efficiency from the current level to as much as 45%
- (iii) Carbon Capture and utilization/ sequestration
- (iv) Beneficiating our Power Grade Coal for reducing Ash
- (v) Phasing out old Power Plants based on sub-critical technologies
- (v) Setting up new Plants based on HELE technologies

Regarding Coal Beneficiation, it is worth mention that we had made significant advance in this direction by washing greater quantities of Power grade coal but the recent withdrawal of the mandate in this regard has been a set-back. It will be desirable to take a fresh look on this issue.

While on the subject, it would also be relevant to add that the developed world which has built its fortune based on Coal and pumped enormous quantities of GHG into the atmosphere should do soul - searching and make funds available for developing countries like India so that they can expedite adoption of clean technologies for power generation and stop adding GHG into the atmosphere

Tentative Program

12th April, 2024	
0830 - 0930 hrs	Registration
0930 - 1030 hrs	Inaugural Session
1045 - 1730 hrs	Technical Sessions

About Organisers

India Energy Forum



The Forum is a unique NGO, which promotes energy sector as a whole.

Most major players in Power, Oil & Gas, Coal and Renewable are our members. These include NTPC, NHPC, Power Grid Corpn., Power Finance Corpn., PTC, Tata Power, ALSTOM, ONGC, IOCL, CIL, Neyveli Lignite Corporation, Vestas RRB, JP Group, Bhilwara Group and about 90 eminent energy experts. In addition, it has MOUs with leading regional chambers and specialized organizations including Bombay Chamber, Bengal Chamber, Bangalore Chamber, Madras Chamber, PHD Chamber, Observer Research Foundation, IRADE, INWEA, MGMI-DC, ISMAADC, PETROTECH, PETROFED and work closely with them

MGMI - Delhi Chapter



MGMI is one of the oldest professional Institutes of its kind in Asia having being founded in 1906. It has been organizing conferences and seminars on issues impacting the mineral sciences. MGMI is a unique, independent, non-profit organization and represents professionals of the mineral sector as a whole. It is manned by highly qualified and experienced mining engineers, geologists and metallurgists and energy experts.

Indian School of Mines Alumni Association (ISMAA)-Delhi Chapter



The ISM Alumni Association continues to provide yeoman service to the mineral industry in India as well as abroad with complete dedication and commitment to the mineral industry. In appreciation of the fact that the prime prerequisite for industrialisation in India will be a sound Mineral Sector, Govt of India way back in 1926 set-up a world class Mining Institution at Dhanbad which was named Indian School of Mines and Applied Geology. This was formally inaugurated by his Excellency Lord Erwin the then Viceroy on 9th December 1926. Now named as Indian School of Mines, it has become a full -fledged University and the Captains of Indian mineral Industry take pride in calling themselves the Alumni of this world class Institution. ISM Alumni Association works as a think tank for Mineral Industry in India and coordinates with ISM Alumni abroad for updating and upgrading mineral science in the country.

Participants

- Project Developers (Public & Private)
- Coal Producers (Public & Private)
- Coal Consumers
- Govt. Policy Makers - Central and State Govts.
- Research scholars
- Academicians
- Equipment Suppliers
- Fuel Suppliers
- Bankers and Financial Institutions
- Legal and Management Consultants
- Other Intellectuals

Delegate Registration

Registration Fee for the Conference will be :

Delegate	Rs. 15000/- each
Two or more Delegates from the Same Organization	Rs. 12,000/- each
Foreign Delegate	US\$ 320 each
Two or more Foreign Delegates from Same Organization	US\$ 250 each
Students (Limited Seats)	Rs. 1000/- each

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A Compendium of Papers is being brought out which will provide a comprehensive profile of the Indian Coal Industry. It will contain articles on relevant issues and conference papers. Some pages of the compendium are earmarked for advertisements. You can avail of these advertisement opportunities.

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Co-ordinators

- Mr. N.N. Gautam
- Dr. M.M. Seam
- Mr. S.K. Grover

For further details, please contact :

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“Role of Coal in Energy Transition”

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Conference Secretariat

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