



INTERNATIONAL CENTRE FOR
SUSTAINABLE CARBON



Confederation of Indian Industry

IMPROVING THE ENVIRONMENTAL PERFORMANCE OF COAL UTILITY PLANTS



PHOTO: SHUTTERSTOCK

VENUE: HOTEL CENTRE POINT, NAGPUR
THURSDAY 27 & FRIDAY 28 JULY 2023

DAY 1: THURSDAY – 27 JULY 2023

09:30-10:30 **OPENING SESSION**

- 09:30-09:35** **Welcome address**
SHASHI KALA AGRAWAL, SENIOR COUNSELLOR, CII-GODREJ GBC
- 09:35-09:45** **Special address**
VP RATHOD, CHIEF ENGINEER, MAHAGENCO, KORADI TPS
- 09:45-10:05** **The challenge for India to meet environmental goals**
DR LESLEY SLOSS, INTERNATIONAL PROJECT MANAGER
INTERNATIONAL CENTRE FOR SUSTAINABLE CARBON (ICSC)
- 10:05-10:25** **Emissions from Indian power sector and its control techniques**
MARIMUTHU K, ASSOCIATE COUNSELLOR, CII-GODREJ GBC
- 10:25-10:30** **Concluding remarks**
SHASHI KALA AGRAWAL, SENIOR COUNSELLOR, CII-GODREJ GBC

10:30-10:50 **Coffee break**

10:50-11:30 **SESSION 1: ENVIRONMENTAL POLICY**

- 10:50-11:30** **Rationale behind evolving emission standards in the thermal power sector**
DR N R SAHOO, CHIEF ENVIRONMENTAL ENGINEER, SPCB ODISHA

11:30-15:30 **SESSION 2: PLANT OPERATION AND BIOMASS COFIRING**

- 11:30-12:15** **CCUS in coal-fired power plant – NTPC experience**
SUJAY KARMAKAR, GM, NTPC LTD
- 12:15-12:45** **Fuel quality – plant operation and emission reduction**
ROD HATT, COAL COMBUSTION INC, USA
- 12:45-13:15** **Biomass cofiring for emission reduction**
PROF JENNY JONES, UNIVERSITY OF LEEDS

13:15-14:00 **Lunch break**

- 14:00-14:45** **The challenge of firing biomass with Indian high ash coals**
ROD HATT, COAL COMBUSTION INC, USA
- 14:45-15:30** **Emission control in pulverized coal thermal power plants through fuel switching**
AMIT KULSHRESHTHA, AMITY UNIVERSITY AND GM, NTPC LTD
DR KANCHAN SAXENA, AMITY UNIVERSITY

15:30-15:45 **Coffee break**

15:45-16:30 **SESSION 3: PM, NO_x AND SO_x CONTROL SYSTEMS**

- 15:45-16:30** **Experience of NO_x control technologies**
R MURALI KRISHNAN, L&T MHI POWER
- 16:30-17:15** **NO_x control for high ash coals**
ROD HATT, COAL COMBUSTION INC, USA

17:15 **End of day**



INTERNATIONAL CENTRE FOR
SUSTAINABLE CARBON



Confederation of Indian Industry

DAY 2: FRIDAY – 28 JULY 2023

09:30-12:45 SESSION 4: ADVANCED MULTIPOLLUTANT CONTROL SYSTEMS

09:30-10:15 High voltage transformer rectifiers for ESP applications

ANIL SUTAR, HEAD – BUSINESS DEVELOPMENT,
MARSULEX ENVIRONMENTAL TECHNOLOGIES

10:15-11:00 SO₂ controls for high ash coals

ROD HATT, COAL COMBUSTION INC, USA

11:00-11:15 Coffee break

11:15-12:00 Sorbent polymer catalyst based multipollutant absorption technology

PRABHAT VERMA, FUTURISTIC TECHNOLOGY SOLUTIONS

12:00-12:45 BAT/BEP for mercury control

DR LESLEY SLOSS, ICSC, UK

12:45-14:00 Lunch break

14:00-14:45 SESSION 5: ASH MANAGEMENT AND UTILISATION

14:00-14:45 Potential for high-value end uses for Indian coal ash

WOJ JOZEWICZ, AEA, USA

14:45-16:45 SESSION 6: EMISSIONS AND INVENTORIES

14:45-15:30 Compliance emission monitoring

SANJEEV KANCHAN, CEEW

15:30-16:00 UNEP BAT/BEP and estimating mercury emissions from plant data – live training

WOJ JOZEWICZ, AEA, USA

16:00-16:15 Coffee break

16:15-16:45 Q&A

16:45 End of event



INTERNATIONAL CENTRE FOR
SUSTAINABLE CARBON



Confederation of Indian Industry

Technology Collaboration Programme

by lea

