IMPROVING THE ENVIRONMENTAL PERFORMANCE OF COAL UTILITY PLANTS

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, NOx AND SOx CONTROL SYSTEMS

15:45-16:30 Experience of NOx control technologies
R MURALI KRISHNAN, L&T MHI POWER

16:30-17:15 NOx control for high ash coals
ROD HATT, COAL COMBUSTION INC, USA

17:15 End of day
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 SO$_2$ 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