



INTERNATIONAL CENTRE FOR
SUSTAINABLE CARBON



Confederation of Indian Industry

IMPROVING THE ENVIRONMENTAL PERFORMANCE OF COAL UTILITY PLANTS



VENUE: COURTYARD MARRIOTT, RAIPUR, CHHATTISGARH
MONDAY 29 & TUESDAY 30 MAY 2023

DAY 1: MONDAY – 29 MAY 2023

09:30-10:15	OPENING SESSION
09:30-09:35	Welcome remarks MR SIDDHARTH AGRAWAL CHAIRMAN, CII CHHATTISGARH STATE COUNCIL AND DIRECTOR, GODAWARI POWER & ISPAT LIMITED
09:35-09:45	Special address MR ARINDAM SINHA EXECUTIVE DIRECTOR (OPERATIONS), NTPC LTD
09:45-10:15	The challenge for India to meet environmental goals DR LESLEY SLOSS, INTERNATIONAL PROJECT MANAGER INTERNATIONAL CENTRE FOR SUSTAINABLE CARBON (ICSC)
10:15-10:20	Concluding remarks MR ASHISH SARAF, VICE CHAIRMAN, CII CHHATTISGARH STATE COUNCIL AND MANAGING DIRECTOR, MANORAMA INDUSTRIES LTD
10:20-10:40	Coffee break
10:40-11:30	SESSION 1: ENVIRONMENTAL POLICY
10:40-11:00	Emissions from Indian power sector and its control techniques CII GBC
11:00-11:30	Rationale behind evolving emission standards in the thermal power sector DR N R SAHOO, CHIEF ENVIRONMENTAL ENGINEER, SPCB ODISHA
11:30-13:00	SESSION 2: PLANT OPERATION
11:30-12:00	Combustion optimization for NO_x control MR ANJAN KUMAR SINHA, INTERTEK
12:00-12:30	NO_x control strategies and their implementation in Indian market MR AMRIT KUMAR HALDER, ISGEC
12:30-13:00	Biomass cofiring for emission reduction PROF JENNY JONES, UNIVERSITY OF LEEDS*
13:00-14:00	Lunch break
14:00-17:00	SESSION 3: CONTROL SYSTEMS
14:00-14:30	Experience on NO_x control technologies MR R MURALI KRISHNAN, L&T MHI POWER
14:30-15:15	Cost-effective options for simultaneous SO₂ and mercury control, international experience MR WOJ JOZEWICZ, AEA
15:15-15:30	Coffee break
15:30-16:00	SO_x control options and their applicability in India MR SOUMIK SAHA, ISGEC
16:00-16:30	Experiences on SO₂ control in India MR ANKUR GUPTA, TUNA ENVIROTECH PVT LTD.
16:30-17:00	SO_x control technologies for mitigating emissions from Indian TPPs MR NIKHIL INGLE, THERMAX LTD
17:00	Adjourn

* VIRTUAL PLATFORM



INTERNATIONAL CENTRE FOR
SUSTAINABLE CARBON



Confederation of Indian Industry

DAY 2: TUESDAY – 30 MAY 2023

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

09:30-10:15 Update from Adani's CCUS pilot plant
MR SANDEEP DIXIT, ADANI POWER

10:15-11:00 Sorbent Polymer catalyst based multipollutant absorption technology
MR PRABHAT VERMA, FUTURISTIC TECHNOLOGY SOLUTIONS

11:00-11:15 Coffee break

11:15-12:00 UNEP guidance for mercury emission control
MR WOJ JOZEWICZ, AEA

12:00-12:45 Efficiency improvement rating during cycling operations
MR ANJAN KUMAR SINHA, INTERTEK

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
MR WOJ JOZEWICZ, AEA

14:45-17:00 SESSION 6: EMISSIONS AND INVENTORIES

14:45-15:30 Compliance emission monitoring
MR SANJEEV KANCHAN, CEEW

15:30-15:45 Coffee break

15:45-17:00 Estimating mercury emissions from plant data – live training
MR WOJ JOZEWICZ, AEA

16:30-17:00 Q&A discussion

17:00 Adjourn



INTERNATIONAL CENTRE FOR
SUSTAINABLE CARBON



Confederation of Indian Industry