

Agenda: New Environmental Norms: Way forward

September 7, 2016

Venue: Maple Hall, India Habitat Centre

09.30 - 10.00 a.m Registration and tea		
10.00 - 10.30 a.m Opening Session		
10.00-10.10 a.m	Welcome Address Priyavrat Bhati, Programme Director, Centre for Science and Environment	
10.10-10.20 a.m	New standards rationale (impacts, basis for levels, technology) Rashid Hassan, Scientist G, Ministry of Environment, Forests and Climate Change	
10.20-10.30 a.m	Overview of challenge and recommendation for regulatory measures Anil Razdan, Retd. Secretary, Ministry of Power	
10.30 - 11.45 a.m Session 1: Panel Discussion on Challenges in compliance with the standards		
10.30 - 11.45 a.m Moderated by Chandra Bhushan, Deputy Director General, CSE	Summary of challenges and impediments; Progress report on installation plans	Mr. Ashish Basu, Chairman, Association of Power Producers (APP)
	Constraints faced by power stations specially private plants and potential solutions	Sanjay Sagar, Jt. Managing Director & CEO, JSW Energy Limited
	State-owned plants’ perspectives with a focus on challenges for plants in pipeline	Mr. M K V Rama Rao, Managing Director, HPGCL
	Challenges faced by NTPC and overview of their plans for existing and the plants in pipeline	Mr. Alind Rastogi, Executive Director, NTPC Ltd.
	Issues for coastal and old power stations and recommendations	Ms.Taruna Saxena, Group Head- Corp, Env. & Climate Change, Tata Power
	Captive power station’s concerns	Mr. Razak Baig Sr.Vice President (Project), Ultratech Cement Ltd
11.45 – 12.00 p.m – Tea Break		

12.00 - 1.00 p.m Session 2: Regulatory approvals – CAPEX, tariff, etc.		
12.00 – 12.15 p.m	Mechanisms to expedite tariff revision petitions	S C Srivastava, Chief Engineer, Central Electricity Regulatory Commission
12.15 – 12.30 p.m	Challenges faced by SERC – Cross subsidy, Cost recovery, etc.; tariff petitions	M S Puri, Member, Haryana State Electricity Regulatory Commission
		A.K.Das, Member, Orissa State Electricity Regulatory Commission
12.30 – 12.45 p.m	Guidance on technology and CAPEX to expedite approvals	D.K.Jain, Retd. Technical Director, NTPC Ltd.
12.45 – 01.00 p.m	Merchant plants – Implications and Solution of implementing the new environmental norms	Sanjay Sagar, Jt. Managing Director & CEO, JSW Energy Limited
1.00 – 2.00 p.m - Lunch		
2.00 - 3.30 p.m Session 3: Equipment Availability		
2.00-2.10 p.m	Technology availability and applicability for Indian coal power stations	K Rajavel, Corporate Advisor, Mitsubishi Hitachi Power Systems
2.10-2.20 p.m	FGD solutions to meet the 600 mg/Nm ³ SO _x norms.	Ajith Apte, Managing Director, Transparent Technology
2.20 – 3.00 p.m	Q&A and Discussions	
Moderated by D.K.Jain, Retd. Technical Director, NTPC Ltd.	Manufacturing facility: Supply capacity and proposed steps to increase demand	BHEL*
	Import needs and recommendations to expand imports	Doosan
3.00 - 4.00 p.m Session 4: Ensuring raw material availability and Waste Management		
3.00-3.10 p.m	Key raw material constraint: liquid ammonia availability for coal power stations	Samir Kumar Biswas, Joint Secretary, Ministry of Chemicals and Fertilizers
3.10 – 3.20 p.m	Overview: Raw material availability and waste management	Alind Rastogi, Executive Director – Environment, NTPC

3.20 – 3.30 p.m	Limestone availability for FGD and managing waste	Mr. Razak Baig Sr. Vice President (Project), Ultratech Cement Ltd
3.30 – 3.40 p.m	Supply constraints : Urea availability for coal power stations	Dr. S. Nand, Deputy Director General, Fertilizers Association of India
3.40 -3.50 p.m	Liquid ammonia handling: Regulatory approvals	R.A Gujar, Dy. Chief Controller of Explosives Petroleum and Explosives Safety Organization
3.50 – 4.00 p.m	Catalyst waste management	ISGEC
4.00 – 4.15 p.m – Tea Break		
4.15 - 5.15 p.m Session 5: Way forward		
4.15 – 4.30 p.m	Investment requirements, funding sources	Himanshu Gupta, Sales Director, General Electrics
4.30 – 4.45 p.m	Financing mechanisms	Mr. Sabyasachi Majumdar, Senior Vice-President, ICRA Limited (formerly Investment Information and Credit Rating Agency of India Limited)
4.45 – 5.00 p.m	Monitoring and compliance plan to ensure plants install pollution control technology as per timelines	Dr. S.K. Paliwal, Scientist, CPCB
5.00 – 5.15 p.m	CSE's perspective	Chandra Bhushan Deputy Director General, CSE

**invited*