



The Bengal Chamber

2011 environment and energy conclave

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26 - 27 AUGUST 2011 • ITC SONAR, KOLKATA

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Programme

Day 1: 26th August 2011

9.15 a.m.- 10.00 a.m.	Registration	
10.00 a.m. – 11.35 a.m.	Inaugural Session	
10.00 a.m. – 10.05 a.m.	Welcome Address	Mr. Sandipan Chakravorty President The Bengal Chamber of Commerce and Industry
10.05 a.m. – 10.25 a.m.	Opening Address	Shri M K De, IAS Principal Secretary Department of Power and Non-Conventional Energy Sources, Government of West Bengal
10.25 a.m. – 10.45 a.m.	Keynote Address: Towards a low carbon Indian economy – Mainstreaming low carbon policy with economic policies	Dr. Kirit S Parikh Chairman, Expert Group for Low Carbon Strategy for Inclusive Growth, Planning Commission of India; Chairman, Integrated Research and Action for Development (IRADe), New Delhi; Former Member, Planning Commission
10.45 a.m. – 11.05 a.m.	Special Address: EU-India collaboration in Clean Energy	Mr. Poul V Jensen Director European Business and Technology Centre
11.05 a.m. – 11.25 a.m.	Release of White Paper and Presentation on key research findings	Mr. Pinaki Bhadury Vice President - Consulting Frost and Sullivan
11.25 a.m. – 11.30 a.m.	Special Commendation to ITC Hotels	
11.30 a.m. – 11.35 a.m.	Vote of Thanks	Mr. Arun Kumar Mukherjee Chairperson Energy and Environment Committee The Bengal Chamber of Commerce and Industry
11.35 a.m. – 11.50 a.m.	Tea / Coffee Break	
11.50 a.m. – 1.40 p.m.	Technical Session I: Energy efficiency and conservation in power generation: What is happening where? <i>Through case study presentations, the session would address the various energy conservation technologies in practice in power generating stations and give insights into technologies like repowering.</i>	
11.50 a.m. – 12.00 p.m.	Session Chairperson's Observations	Mr. P S Bhattacharyya Managing Director Haldia Petrochemicals Limited
12.00 p.m. – 12.20 p.m.	A holistic view of energy efficiency improvement in power generation (new technology, modernization & renovation and process improvement)	Mr. Souvik Dutta Deputy Chief Engineer (Generation) CESC Limited
12.20 p.m. – 12.40 p.m.	Improving turbine / thermodynamic efficiency in electricity generation – Indian perspective	Mr. S K Thapa General Manager (PSER) Bharat Heavy Electricals Limited
12.40 p.m. – 1.00 p.m.	Efficiency enhancement through effective load management with energy storage	Shri A K Ghoshal Director The West Bengal Power Development Corporation Limited
1.00 p.m. – 1.20 p.m.	Energy efficiency movement in India – Challenges and opportunities for ESCOs	Dr. Koshy Cherail President Alliance for an Energy Efficient Economy
1.20 p.m. – 1.40 p.m.	Q/A	
1.40 p.m. – 2.10 p.m.	Lunch	



2.10 p.m. – 3.40 p.m.	Technical Session II: Clean coal technologies – A must-do for India	
	<i>Coal is and will continue to be the most commonly combusted primary energy source in India. Yet, there are a number of challenges facing the coal-power sector, and there are several constraints that will affect its trajectory. There is now a broad and evolving array of technology options for coal-based power generation, unlike in the past when subcritical pulverized coal combustion was the dominant technology of choice. There are also varying concerns about the applicability of these emerging technologies in the Indian context. Thus, it is important to engage in an in-depth analysis of technology issues as well as strategic planning to allow for appropriate development of the coal-power sector.</i>	
2.10 p.m. – 2.20 p.m.	Session Chairperson's Observations	Shri P R Mandal Former Advisor – Projects Ministry of Coal, Government of India
2.20 p.m. – 2.40 p.m.	Clean Coal Technology in India – A policy perspective	Shri P R Mandal Former Advisor – Projects Ministry of Coal, Government of India
2.40 p.m. – 3.00 p.m.	Development of Circulating Fluidised Bed Combustion (CFBC) Technology and Case Study Presentation	Mr. Marian Molenda Export Office – Regional Sales Manager Rafako SA
3.00 p.m. – 3.20 p.m.	Dry Coal Technology – A suitable alternative for Indian Power Coals	Mr. Ketan Bandopadhyaya General Manager -Marketing Hari Machines Limited
3.20 p.m. – 3.40 p.m.	Q/A	
3.40 p.m. – 3.45 p.m.	Changeover to next session	
3.45 p.m. – 5.10 p.m.	Technical Session III: Innovation in research, applications, finance and policies - a coordinated approach towards sustainable development	
	<i>There is a dearth of industry-academia linkage and fundamental research may not always have industry applications. States are also coming up with their own Climate Action Plans and policy initiatives towards this end need to be dovetailed with industry benefits, academic research applications and a robust financial model.</i>	
3.45 p.m. – 3.55 p.m.	Session Chairperson's Observations	Mr. Manish Sharma Managing Director Jamshedpur Utilities and Services Company Limited
3.55 p.m. – 4.15 p.m.	Research opportunities through the European Union's 7th Research Framework Programme	Dr. Indraneel Ghose Science and Technology Analyst European Union Delegation to India
4.15 p.m. – 4.35 p.m.	The role that corporates play to support innovation in sustainable development	Ms. Malini Thadani Head, Group Communications, Public Policy and Corporate Sustainability HSBC India
4.35 p.m. – 4.55 p.m.	Comments and experiences: Industry – Academia interface towards sustainable development	Rev. Dr. S Xavier, SJ Head, Dept. of Environmental Studies & Professor of Microbiology St. Xavier's College
4.55 p.m. – 5.10 p.m.	Q/A	
5.10 p.m.	Tea / Coffee – Conclusion of Day 1	



Day 2: 27th August 2011

9.30 a.m. – 10.00 a.m. Tea / Coffee

10.00 a.m. – 11.45 a.m. Technical Session IV:

Solar: Are we approaching parity with traditional energy sources as technology drives costs down and capacity up?

With ever-increasing advances being made in solar technology, hear from leading experts in the sector on the state-of-the-art solar technology as well as solar thermal technology, and how these advances are translating into lower costs and increased reliability. There would also be case study presentations on large solar projects.

10.00 a.m. – 10.15 a.m.	Session Chairperson's Observations	Mr. Aloke Mookherjea Chairman, Flakt (India) Limited Hon. Consul, Sweden Past President, The Bengal Chamber
10.15 a.m. -10.35 a.m.	Opportunities for India to lead in Distributed Solar Energy Generation	Mr. Sanjay Dani CEO and Founder Serra Power Solutions, Inc. San Francisco, USA
10.35 a.m. – 10.55 a.m.	The Rising Sun: A point of view on the Solar Energy Sector in India	Mr. Anupam Ray Associate Director KPMG Advisory Services Pvt. Ltd.
10.55 a.m. – 11.15 a.m.	Solar entrepreneurship – A roadmap	Shri S P Gon Chaudhuri Advisor, Renewable Energy Department of Power and Non-Conventional Energy Sources, Government of West Bengal
11.15 a.m. – 11.35 a.m.	An overseas perspective: Canada's renewable and solar energy capabilities	Dr. Saroj Mishra Trade Commissioner, (Energy & Environment) Canadian High Commission
11.35 a.m. – 11.45 a.m.	Q/A	
11.45 a.m. – 11.50 a.m.	Changeover to next session	
11.50 a.m. – 1.10 p.m.	Technical Session V:	
	Smart Grids and Super Grids: Are they the key to renewables integration?	
	<i>Electricity grids are undergoing a radical transformation. Do smart grids and super grids hold the key to security of electricity supply and the widespread integration of renewable energy technologies? This session brings together experts from leading companies in the field to assess the current status and the opportunities that grid transformation will bring.</i>	
11.50 a.m. – 12.00 p.m.	Session Chairperson's Observations	Shri Rajesh Pandey, IAS Chairman and Managing Director West Bengal State Electricity Distribution Company Limited
12.00 p.m. – 12.20 p.m.	Future of the grid in India and renewables integration	Mr. Sanjeev Mehra Executive Vice President PTC India Limited
12.20 p.m. – 12.40 p.m.	Smart Grids of the Future: Expectations and the Unknown	Mr. Rajat Datta Architect Energy and Utilities Capgemini India Pvt. Ltd.
12.40 p.m. – 1.00 p.m.	Indian grid and the way forward	Mr. C N Raghupathi Vice President & Head – India Unit Infosys
1.00 p.m. – 1.10 p.m.	Q/A	
1.10 p.m. – 1.50 p.m.	Lunch	



1.50 p.m. – 3.10 p.m.

**Valedictory Session:
Energy at razor's edge**

1.50 p.m. – 2.10 p.m.

Introduction to the discussions

Moderator:

Mr. Sanjay Wadvani, OBE

Deputy High Commissioner of Britain, Eastern Region

2.10 p.m. – 2.40 p.m.

Sustainable finance

Mr. Saud Siddique

Joint Managing Director

SREI Infrastructure Finance Limited

2.40 p.m. – 3.10 p.m.

Energy efficiency policy initiatives for
emission reduction – The scorecard so
far and roadmap ahead

Dr. Ajay Mathur

Director General

Bureau of Energy Efficiency

Ministry of Power, Government of India

3.10 p.m.

- **Certificates to children (including underprivileged children) whose drawings have been specially selected from the first ever Bengal Chamber Sit 'n' Draw Competition held on World Environment Day, 5th June 2011**
- **Conclusion of Conclave with Tea / Coffee**

()-Confirmation awaited*