



*Renewables, Electric Vehicles, Battery Storage, Smart Metering and Blockchain are a few examples of disruptive innovations that are shaping the transition on the energy landscape*

9.00 a.m. – 10.00 a.m.	<ul style="list-style-type: none"> <li>• Registration</li> <li>• Networking Tea/Coffee</li> </ul>	
10.00 a.m. – 12.00 p.m.	Inaugural Session	
The Conclave aims to create the most relevant forum to discuss, brainstorm and share knowledge and business practices that are shaping the transition of energy and related technologies.		
10.00 a.m.- 10.05 a.m.	Welcome Address	<b>Mr. I.Sen</b> , President Designate, The Bengal Chamber of Commerce and Industry
10.05 a.m. – 10.10 a.m.	Setting the agenda and Moderation of the Inaugural Session	<b>Mr. Deb A Mukherjee</b> , Chairperson, Energy and Environment Committee & Vice President
10.10 a.m. – 10.25 a.m.	<b>Energy Security Strategy – Focus needed for India</b>	<b>Shri P S Bhattacharyya</b> , Former Chairman, Coal India Ltd
10.25 a.m. – 10.40 a.m.	<b>Industry Perspective: Technologies for Energy Efficiency</b>	Mr. Raghav Raj Kanoria, Managing Director, India Power Corporation Limited*
10.40 a.m. – 10.55 a.m.	<b>Global collaborations - innovations in energy transition</b>	<b>Ms. Ratika Jain</b> , CEO, Global Innovation and Technology Alliance
10.40 a.m. – 10.55 a.m.	<b>The Right Balance between Economy and Ecology – Related Technologies</b>	<b>Shri Sutirtha Bhattacharya</b> , Former Chairman, Coal India Ltd and Principal Adviser (Infrastructure), Cabinet Secretariat, Government of West Bengal
10.55 a.m. – 11.10 a.m.	<b>Policies in Energy Efficiency in Energy Transition</b>	<b>Mr. Abhay Bakre</b> , Director General Bureau of Energy Efficiency , Ministry of Power, Government of India
11.10 a.m. – 11.25 a.m.	<b>Keynote Address: Energy Tech – Disruptive Innovations in Energy Transition</b>	<b>Dr. Ajay Mathur</b> , Director General, The Energy and Resources Institute
11.25 a.m. – 11.40 a.m.	<b>Special Address</b>	<b>Shri Ajay Kumar Bhalla</b> , IAS, Secretary, Department of Power, Government of India
11.40 a.m. – 11.55 a.m.	<b>Inaugural Address</b>	<b>Shri Sovandeb Chattopadhyay</b> Hon'ble Minister-in-Charge Department of Power & Non-Conventional Energy Sources, Government of West Bengal*
11.55 a.m. – 12.00 p.m.	Vote of Thanks	<b>Mr. Arun Kumar Mukherjee</b> , Chairperson Emeritus, Energy and Environment Committee, The Bengal Chamber of Commerce and Industry
12.00 p.m. – 12.05 p.m.	Changeover	
<b>Energy Transition is transformation towards Sustainability and goes beyond assessing and implementing current responses to global change and meeting</b>		

gaps in development needs. It will consider the more fundamental and innovative long-term transformations that are needed to move towards a sustainable future.		
12.05 p.m.- 12.20 p.m.	Lead Session: <b>Efficient Energy for All – Innovative Technologies</b>	
12.05 p.m. – 12.20 p.m.	<b>Special Dialogue on Challenges faced in aligning multiple stake holders in meeting the energy transition</b>	<b>Dr. R R Sonde</b> , Chief Technology Officer and Executive Vice President, Research, Innovation & Technology, Thermax Limited
<b>12.20 p.m. – 1.00 p.m.</b>		<b>Panelists:</b>  <b>Mr. Gautam Ray</b> , Executive Director CESC Limited  <b>Mr A K Jana</b> , CEO, GAIL Gas Ltd.  Mr Sanjeev Seth, Chief Operating Officer, India Power Corporation Limited*
<b>Session to be moderated by Dr. R R Sonde</b>		
1.00 p.m. – 1.05 p.m.	Changeover	
Innovations are increasingly brought to the market by networks of organizations, selected for their unique capabilities, and operating in a coordinated manner. This new model demands that organizations develop different skills, in particular, the ability to collaborate with partners to achieve superior innovation performance. Clean energy innovations and breakthroughs may come from anywhere in the world—and the impact of individual ideas and technologies can be multiplied through global deployment.		
1.05 p.m. – 1.35 p.m.	<b>“In conversation”</b>  <b>New Technologies in Power Generation and Storage</b>	<b>Mr Neil Spann</b> , Managing Director, Power Roll Limited  <b>Mr. Vinod Sharma</b> , Managing, Director, Deki Electronics Ltd.
1.35 p.m. – 2.15 p.m.	Lunch	
<b>Track A (See Annexure for Track B)</b>		
<b>Renewable energy technologies like wind and solar are becoming cost-competitive. Major utilities are announcing rapid transitions to clean energy with customer affordability in mind as economics and policy are driving variable wind and solar to become the electricity grid’s new backbone. Advances in battery storage technology</b> now mean households can store electricity for back up or load shifting, allowing for greater flexibility to buy and store electricity when rates are low, and consume it as needed. <b><i>This plays a major role in creating a new genre – Prosumers.</i></b>		
2.15 p.m. – 2.45 p.m.	<b>“In Conversation”</b> <ul style="list-style-type: none"> <li>• Storage for future business</li> <li>• Disruptive Innovations making renewables affordable</li> </ul>	<b>Dr Saptarshi Ghosh</b> , Vice President – Technology (Li-Ion), Exide Industries Limited  <b>Mr. K Nandakumar</b> , Chairman and Managing Director, Chemtrols Industries Pvt. Ltd.
2.45 p.m. – 2.50 p.m.	Changeover	
Clean energy innovations and breakthroughs may come from anywhere in the world—and the impact of individual ideas and technologies can be multiplied through global deployment. In India, “Power for All” programme aims to provide 24*7 power with quality and reliability to all. Electricity Act 2003 provides an overall construct for this programme which obligates utilities to provide power on request. Over and above the capex planning and operational discipline, policy and regulatory measures are equally needed to fulfill the obligations.		
2.50 p.m. – 3.20 p.m.	<b>“In conversation”</b>  <b>Emerging Vistas in Regulation and Policy in the realm of energy transition and new technologies</b>	<b>Ms. Kritika Krishnamurthy</b> , Advocate & Business Consultant  <b>Ms. Namrata Mukherjee</b> , Head of Public Policy, Sterlite Power Transmission Ltd.
3.20 p.m. – 3.25 p.m.	Changeover	
With more globalization and opening up of Indian economy to the outside world, competition among industries has become stiff. Industries now look up to academic institutions for solution of industrial problems. On the other hand, there is also an urgent need to prepare students for jobs in multinational companies, by exposing them to newer technologies and methodologies. Mutually beneficial objectives can be achieved by bridging the gap between industry and the academic institutions. Though this is an established practice in advanced countries, India is yet to achieve this practice up to that level. Better interaction between academic institutions and industry is the need of the hour.		

3.25 p.m. – 4.00 p.m.	<b>Special Session : From Lab to Market</b>	<p><b>To be moderated by:</b></p> <p><b>Dr. Sudipta De</b>, Professor, Department of Mechanical Engineering, Jadavpur University and Key Resource Member, Energy and Environment Committee, The Bengal Chamber</p> <p><b>Presentations by:</b></p> <p><b>Dr. Ranjan Ganguly</b>, Professor Power Engineering Department, Jadavpur University</p> <p><b>Dr. Suman Chakraborty</b>, Professor, Mechanical Engineering Department and Institute Chair Professor, Indian Institute of Technology Kharagpur</p>
4.00 p.m. – 4.05 p.m.	<b>Changeover</b>	
<b>The energy transition involves the accelerated deployment of energy efficiency and renewable energy technologies. This requires systemic innovation, matching and leveraging synergies in innovations across all sectors.</b>		
4.05 p.m. – 4.30 p.m.	<b>Concluding Session: Future of energy driven by technology innovations</b>	<b>Mr. Anirban Ghosh</b> , Chief Sustainability Officer, Mahindra Group



## Small and Medium Enterprises: Energy Efficiency Knowledge Sharing (SAMEEEKSHA) Platform – 14<sup>th</sup> Meeting

**Date:** 23<sup>rd</sup> August, 2018 (Thursday)  
**Time:** 1:00 PM - 06:30 PM

**Venue:** ITC Sonar Bangla  
1 JBS Haldane Avenue, Kolkata

### DRAFT AGENDA

1:00–2.00 PM	Lunch
2.30 – 3.10 PM	<b>Inaugural Session</b>
	<p><b>Introductory remarks</b></p> <ul style="list-style-type: none"> <li>• <b>Dr Ajay Mathur, Director General, TERI</b></li> <li>• <b>Mr Krishan Dhawan, Chief Executive Officer, SSEF</b></li> <li>• <b>Mr Sudhir Garg, Joint Secretary, MoMSME</b></li> <li>• <b>Mr Abhay Bakre, Director General, BEE</b></li> </ul> <p>SAMEEEKSHA Platform – brief background and update <b>Mr Sachin Kumar, Secretary, SAMEEEKSHA and Fellow, TERI</b></p>
3.10– 5.00 PM	<b>Technical Session-1: Scaling-up energy efficient technological solutions</b>
	<p><i>Chair: Mr Sudhir Garg, Joint Secretary, MoMSME</i></p> <ul style="list-style-type: none"> <li>• <b>Factors Influencing Uptake of Energy Efficiency in Indian MSMEs</b> Mr Tirtha Biswas, CEEW</li> <li>• Presentation on TERI intervention in Eastern region <i>(Foundry &amp; Bricks - West Bengal; Cold storage, Refractories &amp; Bricks – Jharkhand; Rice Mills, Plastics &amp; Sea Food – Orissa)</i> Mr Prosanto Pal/ Mr Pawan Kumar Tiwari, TERI</li> </ul> <p>Inputs from Industry Representatives</p> <ul style="list-style-type: none"> <li>• <b>Mr. S.C.Dugar, Indian Foundry Association</b></li> <li>• <b>Mr. Ravi Sehgal, Institute of Indian Foundryman</b></li> <li>• <b>Mr. R.K. Singhal, Baragarh Rice Millers Consortium (P) Ltd.</b></li> <li>• <b>Representative from Secondary Steel sector</b></li> <li>• <b>Representative from Bengal Chamber of Commerce and Industries</b></li> <li>• <b>Mr. C.P. Bhartia, Secretary, North Orissa Chamber of Commerce and Industry,</b></li> <li>• <b>Representative from Indian Refractory Manufacturers Association</b></li> <li>• <b>Mr. S.K. Aggarwal, President, Jharkhand Small Industries Association</b></li> <li>• <b>Mr. Ashok Tiwari, West Bengal Brick Field Owners Association</b></li> </ul> <p><i>Discussions</i></p>
Tea/ coffee will be served during the meeting	

5.00– 6.25 PM	<b>Technical Session2: BEE and MoMSME initiatives in Eastern Region</b>
6.25 – 6.30 PM	<p><i>Chair: Dr Abhay Bakre, Director General, BEE</i></p> <p>Presentations</p> <ul style="list-style-type: none"> <li>• <b>Mr Milind Deore, Director, BEE</b></li> <li>• <b>Mr. Ajoy Bandopadhyaya, Director, MSME-DI, Kolkata</b></li> </ul> <p>Views from SDAs / MSME-DI</p> <ul style="list-style-type: none"> <li>• <b>SDA West Bengal</b></li> <li>• <b>SDA Jharkhand</b></li> <li>• <b>SDA Orissa</b></li> <li>• <b>SDA Bihar</b></li> <li>• <b>Dr. S.K. Sahoo, Deputy Director Incharge, MSME-DI Cuttack</b></li> <li>• <b>Mr. Pawan Kumar Gupta, Deputy Director Incharge, MSME-DI Ranchi</b></li> </ul> <p><i>Discussions</i></p> <p>Vote of Thanks Mr Milind Deore, Director (BEE)</p>
6.30 PM onwards	High Tea

