



Centre for Science  
and Environment

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## AGENDA

# STATE OF RENEWABLE ENERGY IN INDIA CONFERENCE AND BOOK RELEASE JANUARY 21-22, 2019

**Venue:** Gulmohar, India Habitat Centre, New Delhi

### Day 1: January 21, 2019

#### 9:30 AM–10:00 AM: Registration

<b>SESSION 1</b>  <b>KEY NOTE AND BOOK LAUNCH</b>	10:00 – 10:15	<b>Welcome address</b>	Sunita Narain Director General, CSE
	10:15 – 10:30	<b>Keynote address and book release</b>	Upendra Tripathy Director General International Solar Alliance
	10:30 – 11:00	<b>State of Renewable Energy: Key findings, conclusions and recommendations</b>	Priyavrat Bhati Advisor – Energy, CSE

#### Tea (11.00 – 11.30)

<b>SESSION 2</b>  <b>UTILITY-SCALE SOLAR: CHARTING A NEW COURSE</b>	Large-scale grid-connected projects have been the driver of India's solar capacity growth and the focus of the country's policy support. The session will discuss structural limitations or policy issues behind the recent slowdown and the outlook in the context of the 175 GW target. The session will examine economics of the sector and investor outlook. The panelists will discuss the adequacy of existing policies and the way forward to ensure meeting our ever more ambitious goals.		
	11.30 – 11.40	<b>Trends, issues and challenges for utility-scale solar energy</b>	Priya Sreenivasan, CSE
	11.40 – 12.40	<b>Panel discussion</b> <b>Moderator:</b> Chandra Bhushan, Deputy Director General, CSE <b>Panelists:</b> <ul style="list-style-type: none"> <li>Vinay Rustagi, Managing Director, Bridge to India</li> <li>Arul Shanmugasundram, Chief Operating Officer, Tata Power Solar</li> <li>Daanish Varma, Executive Vice President, Yes Bank</li> </ul>	
	12.40 – 1.00	Open discussion	

#### Lunch (1:00 – 2:00)

SESSION 3  REFORMING DISCOMS	Viable discom sector is critical to renewable energy growth, its weaknesses are already affecting the renewable sector from slowdown in PPA signing to curtailment and delayed payments. Meanwhile, accelerated renewable energy growth, rooftop systems and open access will pose new problems to discoms. The session aims to discuss the interlinkages between the two, policy refinements needed to ensure a healthy discom sector and its continued support to the renewables sector.		
	2.00 – 3.00	<b>Panel discussion</b> <b>Moderator:</b> Surya Prakash Sethi, Former Principal Advisor, Planning Commission <b>Panelists:</b> <ul style="list-style-type: none"><li>Ashwin Gambhir, Fellow, Prayas</li><li>Jatin Babbar, Associate Director, KPMG</li><li>Sabyasachi Majumdar, Senior Vice-President, ICRA</li></ul>	
	3:00 – 3:15	Open discussion	
Tea break (3.15 – 3.45)			
SESSION 4  SOLAR INDUSTRY'S DILEMMA: TO MAKE OR TO BUY	The session will debate the role PV manufacturing should play in the context of broader economic narrative, i.e. cheap energy vs. manufacturing employment. What does the dependency on imported modules mean for the energy security of the country? The panelists will discuss R&D investment, protection, fiscal support and other policy tools to the industry to balance long term development and energy goals.		
	3.45 – 4.30	<b>Panel discussion</b> <b>Moderator:</b> Deepak Gupta, Director General, National Solar Energy Federation of India, former MNRE Secretary <b>Panelists:</b> <ul style="list-style-type: none"><li>Sunil Jain, Chief Executive Officer, Hero Future Energies</li><li>Upendra Bhatt, Co-founder and Managing Director, cKinetics</li><li>Rabindra Kumar Satpathy, Director (Solar Business), Jakson</li></ul>	
	4.30 – 4.45	Open discussion	
SESSION 5  REVIVING INDIA'S WIND POWER SECTOR	The session will examine the central issues facing the wind sector: its competitive position vis-a-vis solar; wind's relegation to unambitious goals; policy gaps such as bareboned repowering policy. Will the new auction regime lead to industry rebound or will it result in stressing the manufacturing sector? The panel will discuss wind's potential role in overall renewable mix and policy suggestions for aggressive growth.		
	4.45 – 4.55	Wind policy trends and challenges	Shweta Koshy, CSE
	4.55 – 5.45	<b>Panel discussion</b> <b>Moderator:</b> Priyavrat Bhati, Advisor – Energy, CSE <b>Panelists:</b> <ul style="list-style-type: none"><li>Balawant Joshi, Managing Director, Idam Infrastructure Advisory</li><li>Mahesh Vipradas, Vice President (Regulatory and Power Markets), Sembcorp India</li><li>Venkatesh Sonti, Senior Vice President, INOX Wind</li><li>Suman Nag, Chief Commercial Officer, Suzlon Group</li></ul>	
	5.45 – 6.00	Open discussion	
Dinner at Juniper Hall (7.00 PM onward)			

## Day 2: January 22, 2019

### 9:30 AM–10:00 AM: Registration

<b>SESSION 6</b>  <b>ENERGY ACCESS AND MINI-GRIDS</b>	The session examines the successes and limitations of grid-based supply for universal access, especially in the light of the UDAY and SAUBHAGYA schemes' mixed success. The proposed changes in the Electricity Act Amendment — customer choice, ERC governance — may lead to new challenges. The potential role of mini grids and decentralized energy in energy access and appropriate business models will be discussed.	
	10.00 – 10.10	Access Challenges and SAUBHAGYA shortfall Shweta Koshy, CSE
	10.10 – 10.50	<b>Panel discussion</b> <b>Moderator:</b> Navroz Dubash, Professor, Centre for Policy Research <b>Panelists:</b> <ul style="list-style-type: none"> <li>Mohua Mukherjee, Program Ambassador, ISA; Ex-India Energy Team Head, World Bank</li> <li>Sameer Nair, Co-founder of Gram Oorja</li> <li>Rahul Tongia, Fellow, Brookings India</li> </ul>
	10.50 – 11.00	<b>Open discussion</b>
<b>Tea (11.00 – 11.30)</b>		
<b>SESSION 7</b>  <b>UNLOCKING INDIA'S SOLAR ROOFTOP POTENTIAL</b>	The session will explore the role distributed generation should play in energy mix/grid of the future. It will examine the various roadblocks to the adoption of solar rooftop (particularly the residential sector). The panel will try to address the central issue of financing that is hobbling the sector and how to engage the discoms who need to play a critical role.	
	11.30 – 11.40	<b>Solar Rooftop opportunities and challenges</b> Pratha Jhawar, CSE
	11.40 – 12.45	<b>Panel discussion</b> <b>Moderator:</b> Mandvi Singh, CSE <b>Panelists:</b> <ul style="list-style-type: none"> <li>Sanjay Bhasin, Chief Operating Officer, SunTerrace</li> <li>Puneet Munjal, Chief (Power Management, Business Development &amp; Contracts), Tata Power Delhi Distribution</li> <li>Bharat Jairaj, Energy Director, WRI</li> </ul>
	12.45 – 1.00	<b>Open discussion</b>
<b>Lunch (1:00 – 2:00)</b>		
<b>SESSION 8</b>  <b>INTEGRATING 175 GW AND BEYOND</b>	The session will focus on the perceived challenges associated with integrating and managing high penetration of renewable energy; the efficacy of technical and economic grid management measures adopted for the 175 GW target; the costs of grid integration; the regulatory changes required to ensure efficient integration. The panel will also discuss longer term grid evolution in the context of the INDC goals.	
	2.00 – 2.10	<b>Renewable Grid Integration Plans and Challenges</b> Mandvi Singh, CSE
	2.10 – 3.15	<b>Panel discussion</b> <b>Moderator:</b> Chandra Bhushan, Deputy Director General, CSE <b>Panelists:</b> <ul style="list-style-type: none"> <li>S K Soonee, Ex-CMD, POSOCO</li> <li>Alok K Roy, Chief Executive Officer, Reliance Power Transmission</li> <li>Pankaj Batra, ex-Member (Planning), CEA</li> <li>Arun Unni, Principal Engineer (Power Economics), GE India</li> </ul>
	3.15 – 3.30	<b>Open discussion</b>
<b>Tea Break (3.30 – 4.00)</b>		

<b>SESSION 9</b>  <b>FUTURE OF ENERGY IN INDIA</b>	This session examines the future of India’s electricity mix, whether the current trajectory is sufficient for a sustainable, low carbon future. It examines the role of renewable energy as a fundamental disrupter from the country’s power infrastructure and electricity market to consumption and access and what the future could possibly hold.	
	4.00 – 5.30	<b>Panel discussion</b> <b>Moderator:</b> Sunita Narain, Director General, CSE <b>Panelists:</b> <ul style="list-style-type: none"><li>• Chandra Bhushan, Deputy Director General, CSE</li><li>• Ashok Sreenivas, Senior Fellow, Prayas Energy Group</li><li>• E Somanathan, Professor, Indian Statistical Institute</li><li>• Saurabh Kumar, Managing Director, Energy Efficiency Services Ltd</li></ul>
	5.30 – 5.45	<b>Open discussion</b>
<b>High Tea (5:45 PM onward)</b>		

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