



Confederation of Indian Industry



# Green Power 2016

30 June & 1 July 2016 : ITC Grand Chola, Chennai

## Draft Programme

### Day 1 : 30 June, 2016 (Thursday)

0830 hrs Registrations

**1000 hrs – 1110 hrs: Inaugural Session**

**1130 hrs – 1300 hrs : Session 1 : Central & State Policies & Regulation**

*This session would deliberate on the recent Central & State level policy developments in renewable energy sector including enhanced targets for all RE sub sectors, enabling framework necessary for achieving the targets, subsidies & incentives, accelerated depreciation, Generation-based incentive, Feed-in-tariffs, new Tariff Policy, JNNISM, Wind Energy Mission, Biomass Energy Mission, Biofuel Policy. This session would also cover the recent regulatory developments including Renewable Purchase Obligation (RPO), Renewable Generation Obligation (RGO), Renewable Energy Certificate (REC), Open Access in inter-State Transmission, Grid code, Evacuation infrastructure.*

**Session Chairman & Moderator :**

**Mr Ramesh Kymal**  
Chairman & Managing Director  
Gamesa Renewables Pvt Ltd.

**Special Address :**

**Mr A S Bakshi\***  
Member  
Central Electricity Regulatory Commission

### **Government Representatives**

- ❖ **Mr Tarun Kapoor\***, IAS, Joint Secretary, Ministry of New and Renewable Energy
- ❖ **Dr Ashvini Kumar\***, Managing Director, Solar Energy Corporation of India Limited
- ❖ **Mr Krishna Saini**, Chairman, Delhi Electricity Regulatory Commission
- ❖ **Mr D S Bains**, Chairman, Punjab State Electricity Regulatory Commission
- ❖ **Mr Vishvanath Hiremath**, Chairman, Rajasthan Electricity Regulatory Commission
- ❖ **Dr M Saikumar\***, I.A.S, CMD, Tamil Nadu Generation And Distribution Corporation Limited
- ❖ **Mr Mangat Ram Sharma\***, IAS., CMD, Tamil Nadu Energy Development Agency
- ❖ **Mr Jeevan Kumar Jethani\***, Scientist-D, Ministry of New and Renewable Energy
- ❖ **Mr S Akshaya Kumar\***, Chairman, Tamil Nadu Electricity Regulatory Commission

### **Industry Representatives**

- ❖ **Mr S Chandrasekhar**, Managing Director, Boruka Power Corporation Ltd.
- ❖ **Mr K Krishan**, Chairman, CVC India Infrastructure Pvt. Ltd.
- ❖ **Mr Chintan Shah**, President, Suzlon Group
- ❖ **Mr Sarvesh Kumar\*** Deputy Managing Director, RRB India
- ❖ **Mr Sujoy Ghosh**, Country Head, First Solar

### **Discussion**

1245 hrs Question and Answer  
1300 hrs Lunch Break

<b>1400 hrs – 1510 hrs : Master Speaker Session</b>
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*This session would focus on International trends, prospects and challenges in Renewable Energy in near future*

**Session Chairman :**

1405 hrs	Address	<b>Mr Steve Sawyer*</b> Secretary General Global Wind Energy Council (GWEC)
1425 hrs	Address	<b>Mr V Subramanian</b> Former Secretary, MNRE and Chairman & CEO, Indian Wind Energy Association
1445 hrs	Address	<b>Mr Martin Hiller</b> Director General Renewable Energy & Energy Efficiency Partnership (REEEP)
1510 hrs	Question and Answer	

<b>1515 hrs – 1630 hrs : Green Power Market Development Group (GPMDG)</b>
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*The session will focus on different procurement models available and create a platform for interaction between the green power buyers and developers. Representatives from the following industries - Renewable Energy, Cement, Pulp & Paper and Pharmaceuticals - will be present in the meeting.*

**Session Chairman and Moderator**

**Mr K N Rao**  
Director, ACC Limited

Presentation on GPMDG initiative

**Confederation of Indian Industry  
&  
World Resources Institute**

**Panelists**

- ❖ **Mr C Velan**, ED & CEO, TRIL Infopark Ltd
- ❖ **Mr T A B Barathi**, Vice President (SCM), Wheels India Ltd
- ❖ **Mr Anand Kurien\***, Jt.General Manager, Larsen & Toubro Ltd
- ❖ **Dr T G Sundara Raman\***, GM (Energy & Climate Change Devpt), Seshasayee Paper & Boards Limited
- ❖ **Brakes India Ltd\***
- ❖ **Vasavaddat Cements Ltd**

**1645 hrs – 1800 hrs : Grid Management, Infrastructure & Storage Systems**

*The session would focus on challenges faced by Renewable Energy Developers in evacuating the power, grid infrastructure and transmission network. Also deliberate on best practices in Grid management, Green Energy Corridor, Smart Grids and ways to attain system stability, compensate for the variability inherent to wind and solar power and use of storage to help improve energy access and availability, security, quality and efficiency.*

**Session Chairman & Moderator****Mr S Chandrasekhar**

Energy Sub-Committee, CII – SR &  
MD, Bhoruka Power Corporation

**Panelists**

- ❖ **Mr I S Jha\***, CMD, Power Grid Corporation of India Ltd
- ❖ **Mr K Venugopal**, Director, Kasturi & Sons Limited
- ❖ **Mr V K Agrawal\***, Executive Director, ReGen Powertech Pvt Ltd
- ❖ **Mr Vishal Pandya\***, Director, REConnect
- ❖ **Mr V Balaji\***, DGM, SLDC
- ❖ **Mr Albert van den Noort\***, Head Smart Grids, DNV GL
- ❖ **Mr M Jagadish\***, Head-Technology, Amararaja Batteries
- ❖ **Ms Harshitha S Kumar**, Business Head, Larsen & Toubro
- ❖ **Mr A Sethuraman**, Managing Director & Senior VP, Imergy Power Systems
- ❖ **Dr Rahul Walawalkar**, Executive Director, India Energy Storage Alliance

1750 hrs : Q & A

**1830 hrs – 2000 hrs : Session on Skill Development in Solar Sector\***

*The session would focus on the importance of skill development in the solar sector and deliberate on training needs in order to augment the man power competence in line with the national targets.*

*\*Participation through invitation only, for the session on skill development in Solar Sector*

**Session Chairman & Moderator****Mr K Krishan**

Chairman, Skill Council for Green Jobs &  
Chairman, National Bioenergy Council, CII-Godrej GBC

Presentation on skill needs in the solar sector

**Confederation of Indian Industry**

**Panelists**

- ❖ **Mr O S Sastry\***, Director General, NISE
- ❖ **Dr Praveen Saxena\***, CEO, Skill Council for Green Jobs
- ❖ **Mr Sujoy Ghosh**, Country Head, First Solar
- ❖ **Mr Anurag Mishra\***, RE Expert & Contracting Officer's Representative, USAID
- ❖ **Mr Chellappan R**, Managing Director, Swelect Energy Systems Ltd
- ❖ **Mr Dinesh Babu**, Chief of Party, NEXANT
- ❖ **Mr Sudershan Gupta\***, Director, Jakson Power
- ❖ **Dr H Harish Hande\***, Chairman, SELCO
- ❖ **Mr Shaji John**, Head – Solar Business, L & T Construction
- ❖ **Mr Basant Jain\***, CEO, Mahindra Susten
- ❖ **Mr Sharad Saxena**, CEO, Chemtrols Solar Pvt. Ltd.,

1850 hrs : Q & A

1900 hrs : Dinner & Close of Day – I

**Day 2 : 1 July 2016 (Friday)**

<b>0930 hrs – 1100 hrs : Parallel Sessions</b>		
<b>0930 hrs – 1100 hrs : Session 5 A</b>	<b>0930 hrs – 1100 hrs : Session 5 B</b>	<b>0930 hrs–1100 hrs : Session 5 C</b>
<p><b>Opportunities and Challenges in Policy and Regulation of Wind Energy sector</b></p> <p><i>This session will deliberate on the challenges being faced by renewable energy developers in meeting the 60 GW target set by Government of India. The discussions would also focus on evacuation infrastructure, Repowering opportunities and other issues.</i></p>	<p><b>Opportunities and Challenges in Solar Energy Sector</b></p> <p><i>This session will deliberate on the changing landscape in the Solar sector, Central and State level policy measures, targets &amp; ways to achieve them, Ground level operational issues, Project development lifecycle, new Financing models, Optimising O&amp;M, Solar Off-grid projects, Rooftop solar and Solar thermal technologies for industry process heat requirements.</i></p>	<p><b>Opportunities in Biomass, Biofuels and Cogeneration</b></p> <p><i>This session will discuss on topics of surplus biomass availability in the country, sustainable biomass supply chain, High yielding forage crops, Biomass heating applications, CHP &amp; Cogeneration systems, Bio Transport Fuels.</i></p>
<p><b>Session Chairman:</b></p> <p><b>Mr Sarvesh Kumar*</b> Chairman, IWTMA &amp; Deputy Managing Director, RRB India</p> <p>Co-Chair :</p> <p><b>Mr Chintan Shah</b> Vice Chairman, IWTMA &amp; Member, RE Council, CII-Godrej GBC President, Suzlon Group</p>	<p><b>Session Chairman:</b></p> <p><b>Mr Ajay K Goel*</b> President, Solar ReNew Power</p>	<p><b>Session Chairman:</b></p> <p><b>Mr K Krishan</b> Co-Chairman, CII National Bioenergy Committee &amp; Chairman, CVC India Infrastructure</p> <p><b>Co-Chair :</b></p> <p><b>Mr S Chandrasekhar</b> Energy Sub-Committee, CII – SR &amp; MD, Bhoruka Power Corp.</p>
<p><b>Keynote Address :</b></p> <p><b>Ms Varsha Joshi* IAS</b> Joint Secretary, MNRE</p>		
0930 hrs :Opening Remarks by Session Chair	0930 hrs :Opening Remarks by Session Chair	0930 hrs : Opening Remarks by Session Chair
<p><b><u>Panelists</u></b></p> <ul style="list-style-type: none"> <li>❖ <b>Dr S Gomathinayagam*</b> Director General NIWE</li> <li>❖ <b>Mr Mahesh Palashikar*</b> CEO Asia Pacific GE Renewable Energy</li> <li>❖ <b>Mr DV Giri</b> Secretary General, IWTMA</li> <li>❖ <b>Mr Amar Variawa</b> Director-Public Affairs, Vestas India Ltd</li> <li>❖ <b>Mr. Hemkant Limaye*</b> Commercial Director LM Wind Power Blades Pvt. Ltd.</li> <li>❖ <b>Mr Shishir Joshipura</b> Managing Director, SKF India Ltd</li> </ul>	<p><b><u>Panelists</u></b></p> <ul style="list-style-type: none"> <li>❖ <b>Mr Sharad Saxena</b> CEO, Chemtrols Solar Pvt. Ltd.,</li> <li>❖ <b>Dr Arul Shanmugasundram</b> EVP &amp; CTO, Tata Power Solar</li> <li>❖ <b>Mr K E Raguathan*,</b> Managing Director Solkar Solar Industry Limited</li> <li>❖ <b>Mr Anil Jain</b> Managing Director, Refex Energy Ltd</li> <li>❖ <b>Mr Gyanesh Chaudhary*</b> Managing Director, Vikram Solar</li> <li>❖ <b>Mr Rajesh Bhat*</b> Managing Director Juwi India Renewable Energies</li> <li>❖ <b>Mr Vishwanathan Iyer</b> General Manager- Solar Business, Sterling &amp; Wilson Ltd.</li> </ul>	<p><b><u>Panelists</u></b></p> <ul style="list-style-type: none"> <li>❖ <b>Mr S Venkatachalam</b> MD &amp; CEO Orient Green Power Pvt Ltd</li> <li>❖ <b>Mr Krishnan GS*</b> Regional President, India Novozymes South Asia Pvt. Ltd.</li> <li>❖ <b>Mr Sameer Shetty*</b> Managing Director B Fouress Pvt Ltd</li> <li>❖ <b>Dr P M Murali*</b> Managing Director &amp; CEO Evolva Biotech Pvt. Ltd.</li> <li>❖ <b>Representative Abellon Energy*</b></li> <li>❖ <b>Dr Vinoth Kumar</b> President-Tech Chogen Power Pvt. Ltd.</li> </ul>
<b>1050 hrs : Q &amp; A</b>	<b>1050 hrs : Q &amp; A</b>	<b>1050 hrs : Q &amp; A</b>
<b>1100 hrs : Health Break</b>	<b>1100 hrs : Health Break</b>	<b>1100 hrs : Health Break</b>

<b>1115 hrs – 1215 hrs: Session 6 : Innovative RE Technologies &amp; Applications</b>
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**Chairman****Mr N K Ranganath\***Managing Director  
Grundfos Pumps I Pvt. Ltd.

Opening Remarks by Session Chairman

❖ **Smart Micro Grid Rooftop Solar System with DC Appliances****Dr R. Ramarathnam**Chairman  
Basil Energetics Private Ltd❖ **Presentation****Mr Siddharth Malik**Managing Director  
Megawatt Solutions❖ **Hybrid Renewables****Windstream**

<b>1215 hrs – 1330 hrs: Session 7 : Opportunities in Renewable Energy Financing</b>
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*Affordable financing is critical for accelerating the large-scale adoption of renewable energy in the country. This session will evaluate various financing models and instruments and look at the profitability or rate of return that renewable energy projects can offer to the developers. It will also deliberate on issues like the lack of affordable financing which is inhibiting the wider realization of renewable energy projects and explore options to alleviate these. This session would also discuss on Risk faced by the developer and explore risk mitigation instruments. This session would also discuss on steps required for raising finance for enhanced targets set by the Government, Green Bonds.*

**Session Chairman & Moderator****Mr Avinash Bapat**Group CEO  
IL&FS Energy Development Company Ltd**Panelists**

- ❖ **Mr KS Popli**, Chairman & Managing Director, IREDA
- ❖ **Mr Pankaj Sindhvani**, Vice-President, Tata Capital
- ❖ **Ms Mohua Mukherjee\***, Sr. Energy Specialist, South Asia Region, World Bank
- ❖ **Mr Neeraj Gupta\***, Principal Investment Officer (PPP), IFC
- ❖ **Mr Vineeth Vijayaraghavan\***, Founder-Editor, Panchabuta
- ❖ **Representative from Syndicate Bank**
- ❖ **Ms Soma Banerjee\***, Principal (Energy & Infrastructure), CII
- ❖ **Mr Nagaraja Rao**, Asia Regional Coordinator, CTI-PFAN

**Discussion**

1315 hrs      Question and Answer

1325 hrs      Summary &amp; Wrap up

**Mr Ramesh Kymal**

Chairman, RE Council, CII-Godrej GBC &amp;, CMD, Gamesa Renewables Pvt Ltd

**Mr S Chandrasekhar**

Energy Sub-Committee, CII – SR &amp; MD, Bhoruka Power Corporation

**Mr K Krishan**

Chairman, Skill Council for Green Jobs &amp;

Chairman, National Bioenergy Council, CII-Godrej GBC

1330 hrs      Lunch &amp; Close of Conference

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\*Requested for participation, awaiting confirmation