

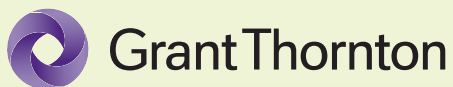
21st RENEWABLE ENERGY SUMMIT

**THEME:
ACHIEVING 500 GW OF RE
Capacity by 2030**

Friday, 16th February 2024
Hotel Le Meridien, New Delhi



Knowledge Partner



Background

India Energy Forum has been organizing national conferences to focus on challenges and opportunities in development of clean and environment-friendly energies over the years. These conferences have created a niche position and are attended by energy professionals' and policy makers from all over India.

The Ministry of New & Renewable Energy (MNRE) has finalized the roadmap of achieving 500 GW of installed electricity capacity from non-fossil fuel sources by 2030. As per updated NDCs announced by India earlier, India has committed to reduce emission intensity of its GDP by 45% by 2030, from 2005 level and achieve 50% cumulative installed power capacity from non-fossil fuel based energy by 2030. This is in tandem with COP28 Roadmap which calls for transitioning away from fossil fuels in energy systems, in a just, orderly and equitable manner, acceleration action in this critical decade.

In this context, India Energy Forum aims to deliberate the current status in the RE Sector while identifying the challenges in achieving the goal of achieving 500 GW of RE Energy capacity by 2030. The Summit will deliberate in the following four technical sessions:

- (i) Developers and Manufacturers Plan and Perspective – Panel Discussion;
- (ii) Support of Various Technologies to Achieve 500GW;
- (iii) Energy Transition in Urban Areas through Bio-gas; and
- (iv) Storage Technologies and Energy Transition.

Proposed Programme

9.30 a.m. – 10.15 a.m. : **Registration and Networking**

10.15 a.m. – 11.15 a.m. : **Inaugural Session**

- Opening Remarks and Welcome Address **Shri K S Popli**, Chairman, Renewable Group, IEF and Former
- Presidential Address by **Shri R V Shahi**, President, IEF and Former Secretary (Power)
- Theme Presentation by **Grant Thornton**
- Special Address by the CMD of NTPC/PGCIL/PFC/SECI/IREDA
- Inaugural Address by the Chief Guest, **Shri B S Bhalla IAS**, Secretary, MNRE / **Shri Pankaj Agarwal IAS**, Secretary, Ministry of Power
- Vote of Thanks

11.15 a.m. – 11.30 a.m. : **Tea Break**

11.30 a.m. – 12.30 p.m. : **Session I: Panel Discussion on Developers and Manufactures Plan and Perspective**

Chair: Shri DD Jagdale IAS, Joint Secretary, Ministry of New and Renewable Energy

Moderator: Grant Thornton

Distinguished Panelists:

- **Shri Girish Tanti**, Executive Vice Chairman, Suzlon Energy
- **Shri Hitesh Chimanlal Doshi**, CMD, Waaree Energies Ltd.
- **Shri K Sreekant**, CMD, PGCIL
- **Dr Manish Karna, Head (Business Development)** Adani Green Energy Group

Question & Answer



12.30 p.m. - 1.30 p.m. : **Session II: Support of Various Technologies to Achieve 500GW**

Chair: Shri Mohit Bhargava, CEO, NTPC Renewable Energy Ltd.

Distinguished Speakers:

- **Agro VOLTICS – NSFI, Ms Poplika**
- **Floating Solar, NTPC Renewable Energy**
- **Solar Thermal – Mr Deepak Gadia**
- **Green Hydrogen**

Question & Answer

1.30 p.m. - 2.30 p.m. : **Lunch Break**

2.30 p.m. - 3.30 p.m. : **Session III: Energy Transition in Urban Areas through Bio-gas**

• **Chair: Dr Pradeep Monga**, Sr Advisor, World Biogas Association, UK

Speakers:

- **Shri Subhash Bhand, Chairman**, Advisor and Chief Mentor, Organic Recycle System (ORS) Mumbai
- **Shri Binay Kumar Jha, Director**, Swach Bharat Mission Urban, Ministry of Housing and Urban Affairs
- **Shri Anil Singhal**, CE, Jaipur Nagar Nigam, Jaipur
- **Dr NP Singh**, Sr Technical Advisor, UNIDO & Ex Advisor, MNRE
- **Prof V K Vijay**, IIT, Delhi (R&D)

3.30 p.m. - 3.45 p.m. : **Tea**

3.45 p.m. - 4.45 p.m. : **Session IV: Storage Technologies and Energy Transition**

Chair: Prof Arun Kumar, NEEPCO Chair Professor, Hydro and Renewable Energy Department (formerly AHEC), Indian Institute of Technology Roorkee

Distinguished Speakers:

- **Ms Rashi Gupta**, Batterywali
- **India Energy Storage Alliance**
- **Shri Sharvan Kumar**, CEA
- **Shri A K Saxena, Sr Director**, TERI

Question & Answer

4.45 p.m. - 5.00 p.m. : **Summing Up and Vote Thanks:**

Dr (Mrs) Malti Goel, Hon. Convener, Renewable Energy Group, IEF

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Advertisement Opportunities

A Souvenir carrying Background Paper of the Summit, Articles/Papers from Distinguished Speakers and other useful information shall be brought out to on the occasion. The Souvenir will be released by the Chief Guest of the Summit. Souvenir shall be widely circulated among the renewable energy experts and policy makers. Some pages of the compendium are earmarked for advertisements.

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Organising Committee

- **Mr K S Popli**, Chairman, Renewable Group, IEF and Former CMD, IREDA - Chairman
- **Dr (Mrs) Malti Goel**, Convenor, Renewable Group, IEF and Former Sr Scientist, Ministry of Science & Technology - Member
- **Dr Ashvini Kumar**, Former MD, SECI - Member
- **Mr B Bhambhani**, SG, IEF - Member

About Organiser

India Energy Forum is a unique, independent, non-profit research organization and represents energy sector as a whole. It was set up in February 2001 and formally inaugurated in January 2002. The mission of IEF is to help evolve a National Energy Policy aimed at development of a sustainable and competitive energy sector in India. It is, probably, the only organization which championed the cause of TOTAL ENERGY - all forms of energy ranging from Coal, Power - Thermal & Hydro, Oil & Gas, Nuclear and Renewable from the beginning of its function. This feature of its functioning gave a distinctive advantage of taking an integrated look on the energy scene. In fact, IEF did frame an Energy Policy document which became an input to the Planning Commission's Integrated Energy Policy brought out in August 2006.

The Forum celebrated its 20th anniversary in June 2021.

Shri R V Shahi, Former Secretary, Ministry of Power, Government of India is the President of India Energy Forum. Earlier, **Shri P S Bami**, Former CMD, NTPC, was the Founder President of the Forum followed by **Shri Anil Razdan**, Former Secretary, Ministry of Power.

Its membership includes all the key players of the sector including NTPC, NHPC, Power Grid Corporation, Power Finance Corporation, Reliance Energy, Tata Power, ONGC, Indian Oil Corporation, Neyveli Lignite, Coal India, India Energy Exchange and over 120 highly respected energy experts.

Forum has concluded an MOU with International Solar Alliance to promote the development solar power projects not only in India but throughout the world.

It works closely with the main regional chambers and industry organizations including Bombay Chamber, Bengal Chamber, Madras Chamber, PHD Chamber, Observer Research Foundation, IRADE, INWEA, Indian Coal Forum, ORF, Federation of Indian Petroleum Industry, MGMI DC and ISMAA DC. Every year it organizes its flagship events viz, India Power Forum, Petro India, Renewable Energy Summit, Coal Summit/Roundtable Conference on Coal and Nuclear Energy Conclave.

Forum organizes webinars on critical issues of energy sector and monthly energy think tank meetings called "Urja Vichar Manch". It publishes a bimonthly journal TOTAL ENERGY which provides authentic information on the whole energy sector at one source. It also publishes research papers and monographs.

For Further enquires and registration, please contact:

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India Energy Forum

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