



## Windergy India 2024 - Conference 'Wind: Powering India's Energy Transition'

23 & 24 October 2024, Chennai, India

The Conference on 'Wind: Powering India's Energy Transition' is organised concurrently with the Windergy India Trade Fair for industry leaders, policymakers, researchers, and enthusiasts to come together and explore the transformative potential of wind energy in India.

This Conference aims to be a key platform for insightful discussions and innovative ideas, by focusing on critical topics such as paving the future of India through wind energy, making auctions work to successfully reach India's 2030 renewable energy goals, and exploring new avenues for capital inflow to finance the Indian green energy revolution. Discussions will also cover advancements in grid technologies and capacity enhancement to accelerate electrification, along with a fireside chat on aligning renewable energy policies with industrial policies for the way ahead.

The Conference will also emphasise the importance of building a sustainable supply chain at the core of the energy transition and the growing role of AI in this shift. Additionally, it will delve into offshore wind's potential to create a new value chain and how wind energy can enable Power-to-X (PTX) solutions. All in all, the Conference promises to be an essential gathering for the drivers of India's wind energy future.

### Agenda

#### Day 1, Wednesday, 23 October 2024

1030 – 1130 hrs	Lamp Lighting & Inaugural Session
	<ul style="list-style-type: none"><li>● Welcome Address: Mr. RPV Prasad, Managing Director - India, Envision Energy</li><li>● Theme Address: Mr. Girish Tanti, GWEC India Chair and Vice Chairman, Suzlon</li><li>● Special Address: Shri Lalit Bohra, IRTS, Joint Secretary, Ministry of New and Renewable Energy (MNRE), Government of India</li><li>● Keynote Address: Dr. Beela Venkatesan, IAS, Principal Secretary to Government, Energy Department, Government of Tamil Nadu</li><li>● Keynote Address: Shri Sudeep Jain, IAS, Additional Secretary, Ministry of New and Renewable Energy (MNRE), Government of India</li><li>● Chief Guest: Thiru Senthilbalaji, Minister for Electricity, Prohibition and Excise, Government of Tamil Nadu*</li><li>● Vote of Thanks: Dr. Saravanan Manickam, Country Head (VP India), Nordex</li></ul>

<b>1130 – 1145 hrs</b>	<b>Refreshment Break</b>
<b>1145 – 1230 hrs</b>	<p><b>Session 1 - Tulsi R. Tanti Memorial Lecture - Paving the Future of India Through Wind Energy</b></p> <p>In this session, dedicated to the Late Shri Tulsi R. Tanti, industry stalwarts discuss India's journey towards energy self-reliance and the critical role wind energy plays.</p> <p><b>Master Speakers</b></p> <ul style="list-style-type: none"> <li>● Mr. JP Chalasani, Group CEO, Suzlon Group</li> <li>● Mr. Stewart Mullin, CIO, Global Wind Energy Council (GWEC)</li> <li>● Shri Lalit Bohra, IRTS, Joint Secretary, Ministry of New and Renewable Energy (MNRE), Government of India</li> </ul>
<b>1230 – 1330 hrs</b>	<p><b>Session 2 - Panel Discussion on 'Making Auctions Work - Pathway to Successfully Reaching India's 2030 RE Goals'</b></p> <p>This panel will explore how auctions have become a globally recognised tool for renewable energy deployment, with India leading in designing innovative auction mechanisms. The discussion will focus on the success factors behind models like FDRE, as well as the challenges and opportunities in making these auctions more appealing to investors and manufacturers. Additionally, the panel will highlight potential lessons from the successful CFD auctions for offshore projects in the UK, offering valuable insights into India's renewable energy future.</p> <p><b>Moderator:</b> Mr. Balram Mehta, Group President - ReNew Services Business &amp; COO, ReNew Power</p> <p><b>Observer:</b> Shri Lalit Bohra, IRTS, Joint Secretary, Ministry of New and Renewable Energy (MNRE), Government of India</p> <p><b>Panelists:</b></p> <ul style="list-style-type: none"> <li>● Shri RP Gupta, IAS (Retd.), Chairman &amp; Managing Director, Solar Energy Corporation of India (SECI)</li> <li>● Mr. RPV Prasad, Managing Director - India, Envision Energy</li> <li>● Mr. Amit Kansal, CEO and Managing Director, Senvion</li> <li>● Mr. Ishan Akhouri, Deputy General Manager, NTPC Renewable Energy Ltd</li> <li>● Mr. Mayank Lingwal, Vice President and Head Sales - Onshore Business, Siemens Gamesa India</li> <li>● Ms. Monica Rathi, Country Head, Vena Energy</li> </ul>
<b>1330 – 1430 hrs</b>	<b>Networking Lunch</b>
<b>1430 – 1440 hrs</b>	<b>Presentation on Technology &amp; Innovation by Mr. PR Gopan, Chief Technology Officer, Envision Energy</b>
<b>1440 – 1540 hrs</b>	<p><b>Session 3 - Panel Discussion on 'Financing the Indian Green Energy Revolution- New Avenues for Capital Inflow'</b></p> <p>This panel will explore the urgent need for affordable capital to drive India's renewable energy transition, especially post-COP28. Discussions will focus on the adequacy and cost of capital, the impact of global geopolitical events, and how India can continue attracting investment. Key financing avenues such as Risk &amp; Opportunity (R&amp;O), Contracts for Difference (CFD), climate finance funds, carbon trading (ETS), and blended finance models will be examined to ensure sustained capital inflow for India's green energy goals.</p> <p><b>Moderator:</b> Mr. Rohit Gadre, Specialist - Solar, Renewables Financing, Bloomberg New Energy Finance (BNEF)</p>

	<p><b>Panelists:</b></p> <ul style="list-style-type: none"> <li>• Mr. Sudip Sural, Senior Executive Vice President and Head of Industry Analytics, Thematic Research &amp; Policy Advisory, HDFC Bank</li> <li>• Mr. Vinay Pabba, CEO, Vibrant Energy</li> <li>• Mr. Sudhanshu Bansal, Director (Institutional Equities) and Lead Analyst (Power &amp; Utilities), JM Financial Ltd</li> <li>• Mr. Jeevanandham Rajagopal, Senior Partner, Fox Mandal &amp; Associates*</li> </ul>
<b>1540 –1555 hrs</b>	<b>Refreshment Break</b>
<b>1555-1605 hrs.</b>	<b>Presentation on Technology and Innovation on WTG Structures by Mr. Sudhansu Bhusan Prusty, CEO and Managing Director, NeXHS Renewables</b>
<b>1605 - 1705 hrs</b>	<p><b>Session 4 - Panel Discussion on ‘Grid Technologies and Capacity Enhancement for Accelerating Electrification’</b></p> <p>This panel will focus on the critical need to enhance grid connectivity to integrate 500 GW of renewable energy by 2030, as outlined in the December 2022 CEA report. The session will explore key challenges, including the disparity between transmission infrastructure development and wind project timelines, particularly in wind-rich states. Discussion points will include stabilising the grid with wind energy, leveraging technology for efficient evacuation, and addressing connectivity issues through green corridors. The panel will also address various regulatory concerns, such as the ISTS charges waiver expiring in March 2025.</p> <p><b>Moderator:</b> Mr. Chintan Shah, Group President, ReNew</p> <p><b>Panelists:</b></p> <ul style="list-style-type: none"> <li>• Mr. Arun Goyal, IAS, ex-Member, Central Electricity Regulatory Commission (CERC)</li> <li>• Mr. Vishal Pandya, Co-founder &amp; Director, REConnect</li> <li>• Shri Dr. Prabir Kumar Dash, Scientist-E/Director, Ministry of New and Renewable Energy (MNRE), Government of India</li> <li>• Mr. Mahesh Vipradas, Vice President, Wind Independent Power Producers Association (WIPPA)</li> <li>• Shri Ravi Kumar, Chairman, Karnataka Electricity Regulatory Commission (KERC)*</li> </ul>

**Day 2, Thursday, 24 October 2024**

<b>1030 -1130 hrs.</b>	<p><b>Session 5 - Panel Discussion on ‘Sustainable Supply Chain: Driving the Energy Transition’</b></p> <p>As sustainability becomes a global priority, the wind industry plays a vital role in decarbonising the power sector with minimal emissions. However, making the entire value chain greener and more circular is essential. With regulations tightening on waste and landfill use, India, despite its leadership in renewable energy, must improve its ESG performance. This panel will discuss best practices in ESG, circularity, blade recycling, and CBAM, exploring actions needed to create a more sustainable supply chain in India's wind industry.</p> <p><b>Moderator:</b> Mr. Bose Varghese, Senior Director – ESG, Cyril Amarchand Mangaldas (CAM)</p> <p><b>Panelists:</b></p> <ul style="list-style-type: none"> <li>• Mr. Hanif Mashal, CEO, LM Wind Power</li> <li>• Mr. Akash Passey, President - ZF Region India, ZF Group</li> <li>• Mr. Rajesh Balakrishnan, CEO, Aditya Birla Advanced Materials</li> <li>• Mr. Madanagopal Raghavan, Vice President - India Sourcing, Nordex</li> <li>• Mr. Peder Bo Sørensen, Special Advisor - Cleantech, Invest in</li> </ul>
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1130 –1145 hrs	<b>Refreshment Break</b>
1145 - 1155 hrs	<b>Technology Presentation by Mr. Teddy Sharon Chandrakumar, Head of Engineering, SGRE</b>
1155 – 1255 hrs.	<p><b>Session 6 - Panel Discussion on ‘Wind Energy Enabling PtX’</b></p> <p>Power-to-X (PtX) technologies offer breakthrough solutions for decarbonising hard-to-abate sectors where direct electrification is challenging. PtX can produce green fuels, power-to-heat, and power-to-power solutions for industries like heavy transport, shipping, aviation, steel, and chemicals. With the global PtX market projected to reach up to €2,319 billion by 2035, large-scale integration of wind energy is essential to drive these technologies. This panel will explore India's potential to harness onshore and offshore wind to enable PtX applications, such as green hydrogen, green ammonia, green mobility, replacing distributed fossil generation, and powering data centers.</p> <p><b>Moderator:</b> Mr. Sidharth Jain, Managing Director and Founder, MEC+</p> <p><b>Panelists:</b></p> <ul style="list-style-type: none"> <li>● Mr. Bharat Saxena, President - Renewables, Jindal Renewable Power</li> <li>● Mr. Nishaanth Balashanmugam, Director, GH2 India</li> <li>● Captain Prashant S. Widge, Head of ESG and Public Affairs, South Asia, A. P. Moller - Maersk</li> <li>● Dr. Aravind Kumar Chandiran, Associate Professor, Dept. of Chemical Engineering, IIT Madras</li> </ul>
1255 – 1305 hrs	<b>Presentation on Grid Integration of Renewable Energy Sources by Mr. Bernhard Telgmann, President - Technology, Suzlon Group</b>
1305 – 1315 hrs	<b>Presentation on Cutting-edge Advancements in Wind Turbine Technology by Mr. Samar Barua &amp; Ms. Kavitha M, Senvion Wind Technology Pvt. Ltd.</b>
1315 – 1400 hrs	<b>Networking Lunch</b>
1400- 1500 hrs	<p><b>Session 7 - Panel Discussion on ‘Offshore Wind - At the Cusp of Creating a New Value Chain’</b></p> <p>India is making significant strides in offshore wind energy, with bids invited for 4 GW of projects off Tamil Nadu, supported by ₹7,453 crore in viability gap funding and ₹600 crore for port upgrades. This initiative is part of a larger strategy to unlock 37 GW of seabed lease tenders and position India as a global wind energy manufacturing hub. The panel will discuss the current status of Indian tenders, key steps to ensure viable project outcomes, and strategies to overcome implementation challenges. Topics will also include global trends, alternative market models like Merchant and RE100, and insights on timelines and government feedback.</p> <p><b>Moderator:</b> Mr. Stewart Mullin, CIO, Global Wind Energy Council (GWEC)</p> <p><b>Panelists:</b></p> <ul style="list-style-type: none"> <li>● Dr. Rajesh Katyal, Director General, National Institute of Wind Energy (NIWE)</li> <li>● Mr. Bibhu Nayak, Country Director- India, Fugro</li> <li>● Mr. Floris A. Prager, Partner and Head of Asia, LAUTEC Group</li> <li>● Dr. David Wotherspoon, Director of Geographic Growth, OWC</li> <li>● Mr. Anil Kumar Meena, General Manager, Central Transmission Utility of India Ltd. (CTUIL)</li> <li>● Concluding Remarks: Shri Dr. Prabir Kumar Dash, Scientist-E/Director, Ministry of New and Renewable Energy (MNRE), Government of India</li> </ul>
1500 - 1515 hrs.	<b>Presentation on Lifetime Extension of Wind Turbines by Mr. BS Nivedh, Business Leader- APAC, UL Solutions</b>

1515 - 1530 hrs.	<b>Break</b>
1530- 1630 hrs.	<p><b>Session 8 - Panel Discussion on ‘Challenges and Opportunities in Wind Energy Supply Chains Amidst the Global Reset’</b></p> <p>The Indian wind industry took shape on the back of several initiatives decades earlier. Early projects were either government-funded technology demonstrators or companies and individuals being early adopters. From the early stage of being a "cottage industry", we have come a long way. Today, we boast of a modern and competitive wind energy supply chain helping India decarbonise at an astonishing pace. However, once we start to look deeper, we see ample opportunities to manufacture more parts locally, enhancing capacity in upstream manufacturing. These include strategic components, parts and raw materials. As for metals, considering potential growth in turbine size, ever increasing need for quality and reliability, precision castings, forgings in XL sizes is the key. Moreover, there is a need to deepen skills, empower SMEs and MSMEs to actively invest and participate in the growth of the wind sector. The panel shall debate on actions needed to attract more manufacturing investment, compete against other LCC and deliver a higher share of manufacturing in India's growing GDP.</p> <p><b>Moderator:</b> Mr. Vivek Srivastava, CEO – India Business, Suzlon Energy</p> <p><b>Panelists:</b></p> <ul style="list-style-type: none"> <li>● Mr. K Bharathy, CEO, Windar Renovables</li> <li>● Mr. Prashanth Vittal, Chief Operating Officer, Senvion</li> <li>● Mr. Baskar Radhakrishnan, Managing Director, Baettr India</li> <li>● Ms. Corinne Holloway, Global Strategic Marketing Leader - Onshore Wind, GE Vernova</li> <li>● Mr. Pandu Chillakuru, Whole Time Director, Flender</li> <li>● Mr. Dinesh Lakshmanan, Head – Supply Chain, Envision Energy</li> <li>● Mr. Madhava Krishna Pokala, VP and Head of Global Manufacturing (External Factories), Vestas India</li> </ul>
1630 – 1645 hrs	<b>Break</b>
1645 – 1730 hrs	<p><b>Valedictory Session</b></p> <ul style="list-style-type: none"> <li>● Mr. JP Chalasani, Group CEO, Suzlon Group</li> <li>● Shri Prakash Chand Garg, Director &amp; COO, Central Transmission Utility of India Ltd. (CTUIL)</li> <li>● Mr. SP Murali, General Manager - Sales and Marketing, ZF Wind Power</li> </ul>

\*Invited #Organisers reserve the right to change the schedule and topics as it may deem fit.