

# India Energy Transition Summit 2024

January 29-30, 2025

FICCI Federation House, Tansen Marg, New Delhi

**Day I: January 29, 2025 (Wednesday)**

9:30 am – 10:30 am	<b>Registration</b>
10:30 am – 11:45 am	<b>Inaugural Session</b>
10:30 am – 10:40 am	Welcome by <b>Ms. Jyoti Vij</b> , Director General, FICCI
10:40 am – 10:50 am	Opening Address by <b>Dr. Anish Shah</b> , President, FICCI and Group CEO & Managing Director, Mahindra Group
10:50 am – 11:00 am	Industry Address by <b>Sh. Shivanand Nimbargi</b> , Chair, FICCI Renewable Energy CEOs Committee and Managing Director & CEO, Ayana Power
11:00 am – 11:10 am	Address by <b>Sh. Prashant Kumar Singh</b> , Secretary, Ministry of New and Renewable Energy, Government of India
11:10 am – 11:20 am	Address by <b>Sh. Pankaj Agarwal</b> , Secretary, Ministry of Power, Government of India
11:20 am – 11:25 am	FICCI <b>Report Launch</b> on India Energy Transition
11:25 am – 11:40 am	Inaugural Address by <b>Sh. Pralhad Joshi</b> , Hon'ble Cabinet Minister of New & Renewable Energy, Government of India
11:40 am – 11:45 am	Concluding Address & Vote-of-Thanks by <b>Sh. Vipul Tuli</b> , Chair, FICCI Power Committee and Chairman, South Asia & CEO, Hydrogen Business, Sembcorp Industries
11:45 am – 12:15pm	<b>Tea Break</b>

<b>12:15 pm – 1:15 pm</b>	<b>Panel Discussion I: International Collaboration for Energy Transition in India</b>
	<p>The session will deliberate on forging global partnerships to accelerate the transition pathway towards clean energy. Sub-themes for discussions include:</p> <ul style="list-style-type: none"> <li>▪ International collaboration for accelerating clean technology adoption <ul style="list-style-type: none"> <li>○ Solar Energy Ecosystem</li> <li>○ Long Duration Energy Storage - PSP, BESS, etc.</li> <li>○ Green Hydrogen</li> <li>○ Offshore wind</li> </ul> </li> <li>▪ Efforts needed to mobilize affordable international finance and investments</li> <li>▪ Market access and collaboration</li> <li>▪ International best practices and their adoption in Indian context</li> <li>▪ Challenges &amp; learnings from global experiences</li> <li>▪ Role of foreign capital in green financing: overview, challenges, opportunities &amp; importance</li> <li>▪ Role of India in global energy transition</li> </ul>
<b>1:15 pm – 2:30 pm</b>	<b>Lunch</b>
<b>2:30 pm – 3:45 pm</b>	<b>Panel Discussion II: Building Blocks for Energy Transition - Forging Path towards a Net-Zero Future</b>
	<p>The session will discuss key building blocks needed for India’s energy transition journey. Sub-themes for discussions include:</p> <ul style="list-style-type: none"> <li>▪ Key demand drivers and meeting the RE demand to achieve net-zero target: resource availability, domestic manufacturing, innovative financing instruments etc.</li> <li>▪ Challenges to overcome and interventions needed: financing, regulations, land, techno availability etc</li> <li>▪ Energy conservation and energy efficiency measures to reduce energy intensity of the country</li> <li>▪ Just transition framework</li> <li>▪ Concessional financing / blended financing</li> <li>▪ Reforms, regulations and remodeling energy businesses</li> <li>▪ Land permits and offshore leases</li> <li>▪ Scaling up domestic manufacturing</li> <li>▪ Role of carbon pricing mechanism</li> </ul>

<b>3:45 pm – 5:00 pm</b>	<b>Panel Discussion III: Role of Conventional Power in Energy Security and the Need for Augmentation of Transmission Infrastructure</b>
	<p>The Session will discuss future capacity expansion scenario for conventional power by 2047, the challenges ahead and enabling policies needed going forward. Sub-themes for discussions include:</p> <ul style="list-style-type: none"> <li>▪ Projections / surge in power demand over next two decades</li> <li>▪ Gap in energy requirements and supply</li> <li>▪ Land availability &amp; connectivity</li> <li>▪ New capacity to be added of coal &amp; nuclear based generation</li> <li>▪ Transmission infrastructure augmentation / expansion &amp; financing thereof</li> <li>▪ Policy support at central and state levels to have adequacy of resources</li> <li>▪ Innovations in conventional energy production &amp; international best practices</li> <li>▪ Grid upgradation &amp; technologies / investments required</li> </ul>
<b>5:00 pm – 5:15 pm</b>	<b>Tea Break</b>
<b>5:15 pm – 6:30 pm</b>	<b>Technical Discussion IV: Opportunities for Investment in RE Rich States of India - Initiatives taken by the State Governments</b>
	<p>The session will discuss the enabling policy framework, state infrastructure, investment potential and support being provided by state governments to support renewable energy development in the states. Sub-themes for discussions include:</p> <ul style="list-style-type: none"> <li>▪ Renewable Energy policies &amp; potential in the states</li> <li>▪ Ease of doing business &amp; cost of operations in states</li> <li>▪ State infrastructure, land availability and cost of capital</li> <li>▪ State tenders and bids: tender &amp; award mechanisms</li> <li>▪ Power infrastructure in the state</li> <li>▪ Approvals / clearances from concerned ministries and authorities</li> <li>▪ Case studies in respective states</li> </ul>
<b>7:00 pm onwards</b>	<b>Networking Dinner</b>

**Day II: January 30, 2025 (Thursday)**

9:30 am – 10:30 am Registration & Networking Breakfast

Energy Transition Across Industries	
<b>10:30 am – 11:40 am</b>	<b>Opening Session</b>
10:30 am – 10:35 am	Welcome Remarks by <b>Sh. Deepak Thakur</b> , Co-Chair, FICCI RE CEOs Committee and Managing Director & CEO, Mahindra Susten
10:35 am – 10:50 am	RE Industry Address by RE Developers
10:50 am – 11:05 am	User Perspectives by Commercial & Industrial Consumers
11:05 am – 11:15 am	Address by Ministry of Steel, Government of India
11:15 am – 11:25 am	Address by Ministry of Petroleum & Natural Gas, Government of India
11:25 am – 11:35 am	Address by <b>Sh. Shripad Yesso Naik</b> , Hon'ble Minister of State for New & Renewable Energy, Government of India
11:35 am – 11:40 am	Concluding Address & Vote-of-Thanks by <b>Sh. Pinaki Bhattacharyya</b> , Co-Chair, FICCI RE CEOs Committee and MD & CEO, Ampln Energy Transition
<b>11:40 am – 12:00 pm</b>	<b>Tea Break</b>

<b>12:00 pm – 1:15 pm</b>	<b>Panel Discussion V: Industrial Decarbonization – Opportunities, Challenges and Way Forward</b>
	<p>The session will discuss the roadmap and strategies for 100% decarbonization of energy intensive industries. Sub-themes for discussions include:</p> <ul style="list-style-type: none"> <li>▪ RE demand from different sectors and applications</li> <li>▪ Current challenges for decarbonization by key emitting sectors such as steel, oil &amp; gas, cement, aluminium, chemical, transportation / mobility and other sectors: Process, Commercial, Financing, Land, Regulations &amp; Technology limitation</li> <li>▪ Key interventions to overcome these challenges</li> <li>▪ Alternative procurement routes for industries like open access, green power trading, rooftop solar, renewable energy certificates, green tariff, VPPAs, etc.</li> <li>▪ Decarbonization plans and pathways for different sectors</li> <li>▪ Investment in coal gasification for eco-friendly utilization of the fuel</li> <li>▪ Carbon pricing &amp; way forward</li> <li>▪ Policy support both at central and state levels to accelerate industrial decarbonization</li> <li>▪ Strategies for pilot to scale-up of emerging technologies</li> </ul>
<b>1:15 pm – 2:00 pm</b>	<b>Lunch</b>
<b>2:00 pm – 3:15 pm</b>	<b>Panel Discussion VI: Developing a Sustainable Green Hydrogen Ecosystem</b>
	<p>The session will discuss key enablers for building a robust hydrogen ecosystem in the country. Sub-themes for discussions include:</p> <ul style="list-style-type: none"> <li>▪ Cost reduction imperatives for green hydrogen, such as policy enablers, innovative financing, international technologies etc.</li> <li>▪ Ecosystem development such as electrolyser manufacturing, storage &amp; transportation infrastructure etc.</li> <li>▪ Market development for green hydrogen</li> <li>▪ Incentivization for domestic production &amp; exports</li> </ul>
<b>3:15 pm – 3:25 pm</b>	Sum-up by Knowledge Partner
<b>3:25 pm – 3:30 pm</b>	Vote-of-Thanks by FICCI
<b>3:30 pm onwards</b>	<b>Hi-Tea</b>