

## National Dialogue Pathways for Rooftop Solar Revolution in India

**16 November 2023 | 1230–1800 IST**  
**Silver Oak, India Habitat Centre, New Delhi**

In India, rooftop solar (RTS), being a distributed source of power, is increasingly becoming mainstream and gaining momentum across states. The Government of India and states are already leveraging this technology to provide access to electricity even in remotest places, improved healthcare facilities in rural areas, better education facilities, access to the internet, and increased livelihood opportunities. Rooftop Solar is not just contributing towards building the economy; its role will also become quite significant in decarbonising the economy. The buildings sector, with ongoing rapid urbanisation in India, will witness huge growth in electricity demand in the coming decades, the share in total electricity demand rising from 25% currently to around 50% in 2040. Shifting the existing and future electricity needs to clean energy remains critical to achieving the NDC targets and to deep decarbonisation of the electricity sector in the long run.

While the pace of Renewable Energy deployment in India continues to accelerate, much of the capacity is in the form of utility-scale installations. In contrast, the share of distributed PV remains minuscule at 11 GW compared to 55 GW capacity installed through utility solar. Further, the residential sector only contributes 20 per cent of the total capacity.

We bring the **National Dialogue on Rooftop Solar 2023** to build a consensus among stakeholders towards making rooftop solar (distributed PV) central to the energy transition plan. The national dialogue will have three sessions deliberating on the untapped economic potential for RTS, the role of RTS in achieving the 500 GW goal, the evolving policy landscape, consumer participation, and the role of electricity utilities.

### Agenda (IST)

<b>1230–1330</b>	<b>Registration and networking lunch</b>
<b>1330–1335</b>	<b>Welcome address by Neeraj Kuldeep</b> , Senior Programme Lead, CEEW
<b>1335–1345</b>	<b>Keynote address by Lalit Bohra</b> (IAS), Joint Secretary, MNRE
<b>1345–1400</b>	<b>Briefing presentation and report launch on “Mapping India’s residential rooftop solar potential - A bottom-up assessment using primary data”   Bhawna Tyagi</b> , Programme Associate, CEEW
<b>1400–1500</b>	<p><b>Session 1   A nation with solar on each rooftop: Unlocking the economic benefits</b></p> <p>The session will deliberate upon the value propositions rooftop solar offers towards economic development, climate resilience, proofing the grid against potential cyber and climate threats, and the development of the rural economy. The session will also help build consensus on the potential applications of rooftop solar, pathways to harness the various applications and their benefits, creating a supportive policy and market ecosystem and calling attention to the role of rooftop solar in India's renewed 500 GW ambition.</p> <p><b>Moderator   Karthik Ganesan</b>, Fellow and Director - Research Coordination, CEEW  <b>Alok Kumar</b>, Former Secretary, Ministry of Power  <b>Divyanshu Jha</b>, Deputy Secretary, Ministry of New and Renewable Energy  <b>Harsh Singhal</b>, Founding Partner, Edhina Capital  <b>Ruchika Chawla</b>, Associate Partner, KPMG</p>
<b>1500–1515</b>	<b>High tea   Networking</b>

- 1515–1615**      **Session 2 | Evolving policy landscape – Role of states in India’s energy transition**  
 Rooftop solar has significant potential across states. Unlocking this potential requires strategic interventions from the states. Senior government officials from different states will deliberate and share the state’s experience to unlock the rooftop solar potential, key policy and regulatory initiatives undertaken, and potential improvement areas.
- Presentation by Arohi Patil, Research Analyst, CEEW**
- Moderator | Disha Agarwal, Senior Programme Lead, CEEW**  
**Naveen Sharma, Officer on Special Duty, RRECL (Rajasthan)**  
**Narendra Nath Veluri IFS, CEO, ANERT (Kerala)**  
**Subrahmanyam Pulipaka, CEO, NSEFI**  
**Saptak Ghosh, Group Head Renewable Energy and EE, CSTEP**
- 1615–1620**      **Report launch on “Community solar for advancing power sector reforms and the net-zero goals”**
- 1620–1720**      **Session 3 | Reaching the 40GW and beyond – Reflect, pivot and re-strategise**  
 The session will deliberate upon the way forward for the RTS sector based on the learnings from existing initiatives, barriers to adoption, and potential intervention areas ranging from policy to regulatory and market-driven interventions.
- Presentation by Kumaresh Ramesh, Research Analyst, CEEW**
- Moderator | Neeraj Kuldeep, Senior Programme Lead, CEEW**  
**Shreya Mishra, CEO, Solarsquare**  
**Sishir Garemella, Head of International Business Development, PVEL**  
**Sunil Sharma, General Manager, BSES Yamuna Power Limited**  
**Ronnie Khanna, Director Partnerships, GEAPP**
- 1720–1725**      **Report launch on “kWh from kW: Achieving optimum energy generation from rooftop solar systems - insights from field visits in Delhi”**
- 1725–1730**      **Vote of thanks | Karthik Ganesan, Fellow and Director - Research Coordination, CEEW**
- 1730–1800**      **High tea | Networking**

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