

BEYOND PILOTS: SCALING ROOFTOP SOLAR IN INDIA

A NATIONAL ROUNDTABLE-CUM-CAPACITY BUILDING WORKSHOP



DATES:
SEPTEMBER
9-11, 2026



VENUE:
ANIL AGARWAL ENVIRONMENT TRAINING
INSTITUTE (AAETI), NIMLI, RAJASTHAN

Centre for Science and Environment (CSE) is organising a three-day National Roundtable to discuss a roadmap for scaling up rooftop solar deployment across India. The roundtable is expected to bring together policymakers, DISCOMs, project developers, financiers, vendors and consumers to examine how rooftop solar can move from scattered, subsidy-driven pilots to a scaled, self-sustaining market across residential, commercial & industrial (C&I) and institutional consumers.

Unlocking rooftop solar's full potential across every consumer segment is critical to meeting India's 500-GW renewable energy target by 2030. PM Surya Ghar has brought residential rooftop solar into the mainstream, while the commercial and industrial segment is opening up in its own right, driven by net-metering reforms, RESCO models and green financing. Institutional buildings remain a large but still under-tapped opportunity. Several barriers continue to slow the pace of scale-up, however: delays in subsidy and CFA disbursement, inconsistent net-metering timelines, uneven vendor quality, financing gaps for public buildings, and low consumer awareness, particularly around post-installation maintenance and upkeep. This roundtable builds on CSE's ongoing rooftop solar research to confront these barriers directly and chart pathways for programmatic, cross-segment scale-up.

KEY SESSIONS AND SUBJECTS OF DISCUSSION

- **Rooftop solar in India:** Gaps and challenges — capacity added under residential, government and C&I segments against segment-wise targets
- **PM Surya Ghar Muft Bijli Yojana:** Implementation status, CFA disbursement, DISCOM alignment and lessons for residential scale-up
- **Net metering and grid integration:** DISCOM readiness, technical standards and reducing approval turnaround times
- **Business models and financing structures:** CAPEX ownership, RESCO/OPEX models, viability gap funding, green loans and aggregated financing through RWAs and housing societies
- **Scaling rooftop solar beyond the residential:** Open access, group captive models and PPAs for C&I consumers; RESCO/EPC models and institutional barriers for government and public buildings
- **Vendor ecosystem, consumer trust and handholding support:** Quality assurance, after-sales service, and mechanisms to move participants from policy design to on-ground project implementation

HOW TO PARTICIPATE

- Departments / agencies / DISCOMs / policy planners / financial institutions / project developers / industry bodies may nominate officials to participate in the roundtable. Participants can either register through the link provided or reach out to the roundtable coordinators (listed below) by email for registration assistance.
- Upon registration, participants will receive a confirmation along with further details about the programme.
- Travel to and from Delhi (to the respective destinations/home towns) will need to be arranged by the nominating authority or the participants themselves.
- CSE will cover the costs of boarding, lodging, conference, and travel between New Delhi and the AAETI campus. Participants, when they reach Delhi, will be directed to a common pick-up point for their travel to Nimli; they will be dropped back at the same pick-up point on their return journey.

The roundtable is expected to equip the participants with skills and resources that will be extremely relevant for their fields of work. All participants will leave the roundtable with concrete action plans, strengthened peer networks, and direct linkages to developers, financiers and government agencies.

FOR FURTHER DETAILS AND INFORMATION, PLEASE CONTACT

BINIT DAS
Programme Manager
Renewable Energy Programme, CSE
binit.das@cseindia.org
+91 80933 26269

DIMITRI BARURY
Consultant
Renewable Energy Programme, CSE
dimitri.barury@cseindia.org
+91 98107 78293

CLICK HERE TO PARTICIPATE

