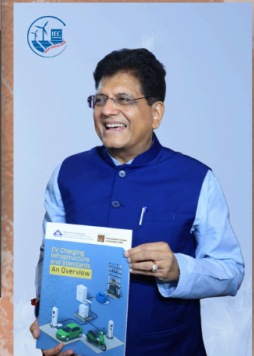
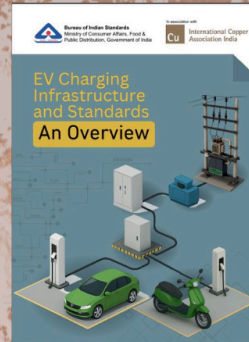


September 2025

Cover Story

The Launch of Guidebook on EV Charging Infrastructure & Standards



This guidebook aligns India's EV standards with global benchmarks while keeping user safety its primary aim

Mr. Piyush Goyal, Minister of Commerce & Industry, along with IEC President and General Secretary, launched a comprehensive guidebook on EV Charging Infrastructure and Standards Infrastructure (EVCI) called “EV Charging Infrastructure & Standards – An Overview” in Delhi, on 15th September, during the IEC General Meeting. The guidebook has been developed jointly by the International Copper Association India and the Bureau of Indian Standards (BIS).

With multiple codes in circulation, EV charging station installers have often resorted to using inconsistent material and components and adopting substandard installation practices. Such actions have raised concerns about the long-term safety, performance and reliability of EV charging points across the country.

This literature provides a consolidated reference point for industry stakeholders, emphasising the importance of copper cables as the preferred material for safe, durable, and efficient charging systems. In addition, it also highlights the best practices that can support India's transition to a secure EV charging network. By ensuring consistency and safety in installations, this document is set to play a pivotal role in accelerating EV adoption across the country.

[**Download the Complete Guidebook**](#)

Cu in Clean Energy: Promoting Intensive Knowledge About Solar Rooftop Program



In what may be considered as a significant step towards advancing India's clean energy mission, the International Copper Association India (ICA India) partnered with the National Solar Energy Federation of India (NSEFI) to develop minimum installation requirements for government-funded residential solar rooftop programs.

The absence of clear installation guidelines often led to the use of inconsistent materials, component choices and installation practices, raising concerns over performance and safety. To address this gap, both ICA India and NSEFI, with the support of the Ministry of New and Renewable Energy (MNRE), developed two comprehensive guidebooks for consumers, EPC contractors, and installers under the PM Surya Ghar: Muft Bijli Yojana.

The first book, **Consumer User Guide** is designed to simplify every step of residential rooftop solar adoption. It covers component & materials selection, the subsidy application process, and essential checklists for installation and commissioning, empowering residential consumers to confidently adopt rooftop solar, reduce their bills, and contribute to a sustainable future.

The second one, that is, the **Technical Guidebook** is a practical resource, for all the stakeholders designed specifically for EPC contractors and installers. It provides standardized insights, best installation practices, and checklists to ensure the safety and reliability of the system, helping to accelerate deployment.

These guidebooks draw upon the National Electrical Code, National Building Code, and IS 17293 standards, all of which specify the exclusive use of copper cables for solar rooftop installations. By providing standardized checklists, they ensure quality compliance and help installers and consumers seamlessly access government subsidies.

It was launched by Shri Mathukumilli Sribharat (Hon. MP, Vizag), Shri Lalit Vohra (Ex-Jt. Secretary, MNRE), Kamalakhar Babu Meruga (VC& MD, NREDCAP Ltd), K N Hemanth Kumar (Director-E-mobility, ICA India) and Subrahmanyam Pulipaka (CEO, NSEFI). It represents a crucial stride toward safer, more reliable, and long-lasting solar infrastructure, underscoring copper's vital role in powering India's sustainable future.

ICA India Events



Stressing About Electrical Safety at the ELECSAFE International Conference

16 September 2025 | Mumbai

ICA India engaged with 130+ national and international industry experts, ICA India highlighted the critical role of copper in wires and cables, showcasing its unique properties that help reduce fire risks in buildings and ensure long-term safety and reliability.



An Insightful Session at the Hyderabad GMR Airport About Preventing Electrical Hazards

18 September 2025 | Hyderabad

ICA India hosted a session at GMR Hyderabad International Airport Ltd, educating the employees working in the facility about mitigating fire accidents from electrical hazards.



Session on De-Risking Solar Investment at APCEX2025

20 September 2025 | Vizag

ICA India conceptualized and convened a session on "De-risking Solar Investments: Ensuring LongTerm Viability and Returns" at the Andhra Pradesh Clean Energy Expo, organized by NSEFI - National Solar Energy Federation of India.



ICA Highlights the Best Practices to Be Followed for Electrical Networks

11 & 12 September 2025 | Delhi

ICA delivered a presentation at the Care4Cable conference to over 200+ engineers about the reliability of copper cables for underground power distribution. It highlighted best practices to ensure safer and longer-lasting electrical networks.