

October 2025

**Cover Story****Copper Demand Rises 9.3%  
in FY25, Calls for Strategic  
Reserves Planning**  
Annual Copper Demand Study 2025**Infrastructure, Clean Energy and EV Growth Drive Copper Usage**

India's continued emphasis on large-scale infrastructure projects, building construction, clean energy transition and emerging technologies has accelerated demand for key industrial materials, with copper emerging as a critical enabler across these sectors.

Reflecting this momentum, the International Copper Association India (ICA India) today released its annual copper demand report for FY2025, recording a 9.3% year on-year growth. Copper demand reached 1,878 kilotonnes (kt), driven by India's robust economic progress and the increasing adoption of copper across critical sectors. The building construction and infrastructure segments remained primary growth drivers registering 11% and 17% year-on-year growth respectively. The renewable energy sector achieved one of the highest annual capacity additions in FY2025, while consumer durables sector saw a 19% increase, driven by strong sales of air conditioners, fans, refrigerators and washing machines. The automotive sector grew by 5%, with the electric vehicle (EV) segment, particularly two wheelers and three-wheelers, recording a 16% rise, highlighting copper's growing role in clean mobility. The industrial motors segment posted a 12% growth, reflecting higher demand for energy-efficient (IE3) and above motors. Demand from premium residential, logistics, data centres and Grade-A offices along with infrastructure growth, led to higher consumption of wires, cables and transformers which together accounted for 43% of total copper demand.

Commenting on the findings, Mr. Mayur Karmarkar, Managing Director, International Copper Association India, said, “India’s copper demand trajectory mirrors the country’s economic and industrial momentum. Policies aimed at promoting renewable energy, sustainable mobility, and infrastructure development have fuelled copper demand, emphasizing its role as a critical resource for the nation’s growth. However, it is important to ask: Is the current pace of copper demand growth sufficient to meet the nation’s long-term Developed India (Viksit Bharat) @2047 agenda?”

“To ensure future growth and resilience, India must proactively plan for building functional copper reserves and strengthening domestic supply chains. India must accelerate its copper adoption to build its in-use functional reserves or above-ground mines until the country reaches developed economy status. The role of end-user sectors, including infrastructure, clean energy and mobility, will remain central, but there is also a need to enhance domestic copper fabrication capabilities and promote import substitution strategies. This will be essential for sustaining India’s development ambitions and ensuring that copper continues to power the nation’s progress,” added Mayur. On the supply side, domestic cathode production increased by 10%, while net cathode imports declined by 34%. The share of secondary (mostly direct melt) copper rose by 19%, accounting for 42% of total demand in FY2025, up from 38.4% in FY2024. India generated 504 kt of end-of-life and process copper and alloy scrap, further supported by 214 kt of imported copper and alloy scrap in FY2025, reflecting the sector’s growing emphasis on circular economy principles.

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## **ICA India Events**



### **Participation In CII- IGBC Data centre Advisory Group Meeting and Data Centre Summit**

15 October 2025 | Bengaluru

At the recent Data Centre Summit, ICA India participated and proposed the formulation of standardized industry guidelines and best installation practices to promote sustainable electrical infrastructure under the CII-IGBC initiative



### **The Gujarat Fire and Municipal Departments and ICA India Addressed Industry Stakeholders**

13 October 2025 | Surat

ICA India addressed industry stakeholders about the electrical installation practices aligned with the latest standards and codes for improved fire safety and reliability in buildings



### **Roundtable With FSAI About Changes Under the NBC Code of India**

8 October 2025 | Delhi

In collaboration with Fire and Safety Association of India (FSAI), ICA India emphasized on using copperonly cables in the National Building Code of India in a closed group round table conference.



### **ICA India Speaks About Modern Construction at a Workshop for Developers and Architects**

17 October 2025 | Chennai

ICA India interacted with Chennai House Owners Association about modern construction, which focuses on safety, reliability and sustainability. It also positioned copper as a versatile metal used in the building materials

## **ICA India Events**



### **Discussion About Fire Safety, Performance and Reliability in Electrical Systems in Buildings**

8&10 October 2025 | Nagpur & Dehradun

ICA India engaged over 500 industry professionals through seminars organised by the National Federation of Engineers (NFE) and the Bureau of Indian Standards (BIS), highlighting copper's superior fire safety, performance, and long-term reliability in building electrical systems.



### **ICA India Advanced the Cause of Rugged Distribution Network**

6 October 2025 | Haryana

At a workshop organized by Haryana Utility in Hisar, ICA India engaged key decision-makers on strategies for building rugged distribution networks, emphasizing copper's role in enhancing transformer reliability, reducing failure rates, and ensuring consistent power supply in semi-urban and rural areas.