

March 2023

## Cover Story

### **Solar Water Pumps: Copper is at the core of green revolution for sustainable irrigation**



Balbir Singh, a farmer in Haryana, recalls being able to save up to INR 40,000/- annually in costs of fuel and maintenance by using solar powered pumps.

Balbir was a part of ICA's recent study of 200 farmers in Haryana and Chhattisgarh to assess the impact of Solar Water Pumps (SWPs) on their livelihoods. He could save 200-250 litres of diesel and did not have to worry thinking about the difficulties faced in sourcing of diesel

Copper plays a significant role in the performance of these pumps in terms of reliability and efficiency which is far better than the diesel pumps without having to worry about replacement for at least 10 years.

To read more about the key findings and impact of solar water pumps in Haryana & Chhattisgarh, download the report.

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[Read Report >](#)

## Announcement

### **BEE Facilitation Centre for Energy Efficiency Financing**

**International Copper Association India (ICA)** is delighted to introduce **Assistance In Deploying Energy Efficient Technologies In Industries And Establishment (ADEETIE)** which is a Facilitation Centre developed by the **Bureau of Energy Efficiency (BEE)** with an aim to encourage and up-scale energy efficiency financing ecosystem in the country, covering all industrial sectors from large industries as well as MSMEs. The ADEETIE is an Online Platform wherein potential borrowers from large industries as well as MSMEs are requested to submit their interest to avail commercial financing for the implementation of energy efficiency projects in their respective units. Kindly visit the project website (<http://adeetie.beeindia.gov.in/>) for detailed information and submitting your interest.

You may refer the list of EE technologies for identification of any possible energy efficient intervention in your respective unit. Those industries who are exploring bank financing for any energy efficiency intervention are hereby requested to approach BEE by submitting Willingness Form & Technical Detail Form along with supporting documents at the earliest on the website.

Feel free to connect with BEE's Facilitation Centre team:

Email ID: [facilitation-centre@beeindia.gov.in](mailto:facilitation-centre@beeindia.gov.in) or call on 9717350749, 9910014388, 9953352601.

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# "Sustainable Urban Networks for Dynamic And Resilient (SUNDAR) India" essential to achieving clean energy transition and improved quality of life

Urbanisation is expected to add 2.5 billion people to cities in the next 30 years. A key challenge for cities in India is to deliver sustainable urbanisation and quality of life that meets the global standards. The essentials of modern cities such as 24X7 operations, digitisation of infrastructure and services etc. necessitate a highly reliable and efficient urban power distribution network.

Traditionally, utility systems in Indian cities are fragmented, and therefore lack the cohesive focus towards sustainability considerations. Meeting the national goal of cities with Net Zero emissions creates an urgent need for restructuring the mandates, responsibilities and scale of city utilities through integrated urban planning.

The white paper shows the way for sustainable urbanisation by embedding energy and distribution network planning to **improve quality of life, enable transition to clean energy, and achieve higher efficiency for a SUNDAR future of India.**

[Download Whitepaper](#)

## Media Spotlight

### Industry leaders unite to promote Electrical Safety in Buildings; commit to a 'Zero Tolerance' mindset for Electrical Accidents at ICA's National Campaign



The National Campaign brought together key players in the building industry, in 6 cities, including electrical engineers, contractors, developers, and architects, to address issues related to electrical accidents and promote a "zero tolerance" mindset towards these incidents.

The campaign has played a pivotal role in accelerating the adoption of electrical safety through compliance with Indian standards and regulations, creating a safer and sustainable environment for everyone.

Hyderabad | Mumbai | Chennai | Kochi | Kolkata | New Delhi

