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From the President's Desk

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Samvaad

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Cover Story

9th Edition of Metering India 2022 'Resilient Utilities & Empowered Consumers'

The 9th International Seminar -Metering India 2022 - themed on 'Resilient Utilities & Empowered Consumers' took in Delhi on November 3-4, 2022 at Hotel Taj Palace, New Delhi.

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International Presence

Visit to All Energy Australia, Melbourne



Visit to All ENERGY AUSTRALIA, MELBOURNE

Australia opened All-Energy its doors to the national and international clean energy industry & experts. The 2022 event was the largest ever held with more exhibitors and speakers than ever before. IEEMA put up the stall at India Pavilion with booth no's UU135 & UU 137 where visitors from around the globe visited and interacted with IEEMA team.

9th Edition of Metering India 2022

'Resilient Utilities & Empowered Consumers'



Elecrama Pramotion ELECRAMA 2023 promotion





IEEMA organises Road Show for the 15th edition of ELECRAMA in Lucknow and Hyderabad

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IEEMA Event

First Edition of IEEMA Retreat

IEEMA in collaboration with top MEP Consultants of India is organised at three day MEP consultant meet in Goa from November 6-8, 2022 at Hotel Alila Diwa. A first of its kind and perfect platform to network and discuss best practices prevailing in the industry.



Guest Article

Prevent "Shock" in Electrical Installations as per Indian Standards



Indian Standards for Electrical Installations in Buildings.

For suggestions and feedback please write to us on shalini.singh@ieema.org

Expert Speak

Smart Meter Data for Innovative Usage

Tata Power Delhi Distribution Limited (Tata Power-DDL) is a Power distribution company that provides electric service to the North and North-west parts of Delhi. TPDDL serves a customer base of about 1.90 Million and a peak load demand of approximately 2100 MW in an area that spans 510 square kilometers. Since being privatized in July 2002, Tata Power-DDL has significantly reduced its Aggregate Technical & Commercial (AT&C) losses to record levels in its service area.



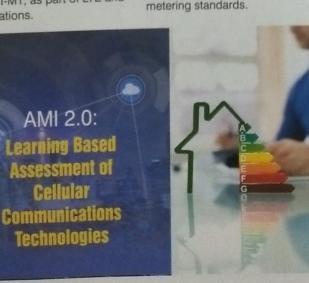
In Depth

AMI 2.0: Learning Based Assessment of Cellular Communications Technologies

India has moved progressively in the field of Advanced Metering Various (AMI). Infrastructure communication technologies are utilized for this large deployment. Based on the experience of the Indian journey, this paper aims to review the cellular communication technologies; CAT-1, CAT- 4, NB-IoT and CAT-M1, as part of LTE and 5G specifications.

> AMI 2.0: earning Based

Technologies





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In Focus

National and International Metering Standards-Review, Present status and upcoming changes

Power sector has seen changing faces of Energy Meters right from Ferrari meter to smart meter. Standardisation has to keep pace with the changes in technology and market demand. Development in communication technologies and its integration with Energy meters has brought the enormous changes and made it possible to reform power sector. Bureau of Indian Standards have kept the pace with international standards in development and maintenance of metering standards.

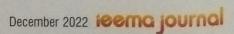


Insight

India on the path to become a Semiconductor Manufacturing Hub



Semiconductors are extensively used in major applications like consumer/industrial electronics, data processing, wired/wireless communications, and others. Without semiconductors, mobiles, laptops, and cars won't work, and the upcoming series of monolithically integrated systems are expected to have enhanced functional density, making the use of semiconductor products more important.





ERDA



Power Scenario

Global Scenario Indian Scenario



IEEMA Database

Basic Prices & Indices Production Statistics



International News

- ReNew Power Signs Framework with Egyptian Agreement Government to Establish a Green Hydrogen Plant in the Suez Canal Economic Zone Australia launches research into energy-efficient metaverse technologies
- Poland to freeze household gas tariffs at 2022 level, minister says
- Germany's largest firms to seek more energy crisis aid at Scholz meeting

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National News

- India jumps 2 spots higher, and now ranks 8th as per Climate Performance Index Change (CCPI, 2023)
- Power Ministry issues Amendment Charging Electric Infrastructure for revised Vehicles (EV)the consolidated Guidelines Standards

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Corporate News

- Hartek Power Bags orders KV substation from for220 Madhav KRG Group
- NTPC team wins GOLD award in 47th ICQCC-2022



Product Showcase



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Sparks Sans Shocks



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