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10th Edition

METERING INDIA 2024

21st - 22nd November, 2024

Hotel Pullman, Aerocity, New Delhi

Sustainable &
Consumer Centric Utilities
Towards NetZero

CALL FOR PAPER

Visit: meteringindia.ieema.org

SYNOPSIS OF METERING INDIA 2022

550+
Participants

170+
Participating Organization

260+
Participants from 80 Utilities, PSUs, and Government Institutions

70+
Technical Papers received for MI-22

22+
Best Technical Papers selected for the seminar

Participation from complete ecosystem of Energy Meters such as Utilities, Regulators, Consultants, Franchisees, Institutions, Testing Labs, System Integrators, IT Solution Providers Meter and other Component Manufacturers.

PREAMBLE

IEEMA Energy Meter Division announces the 10th edition of Metering India. The benchmark event for the Indian Energy Metering industry. The 10th edition of Metering India, powered by IEEMA, is set to be the biggest and most exciting yet. This biennial event, organized in collaboration with metering companies and various stakeholders in the electrical ecosystem, provides a unique platform for knowledge sharing, networking, and business development. Over the past two decades, Metering India has served as a catalyst for change in the Indian energy sector. The event has brought together leading experts to discuss the latest trends and challenges in metering and has helped power sector utilities adopt new technologies to improve efficiency and reliability. Since 2004, more than 4000 delegates representing diversified fraternity of power sector have participated in "Metering India" seminars. Join us for a dynamic exploration of the latest advancements in energy metering.

Empowered by evolving communication technologies, metering has transitioned from its conventional role, to unleashing benefits, from granular analytics and dynamic pricing to demand response, load curtailment, and enhanced revenue protection and upcoming use cases in electricity distribution. This unlocks a spectrum of data-driven revolution positions metering as a cornerstone of a smarter, more sustainable energy future empowering consumers and stakeholders to better manage the transitioning energy needs.

The "Metering India" conference, once focused on traditional themes like revenue management and IT, undergoes a bold transformation. Artificial Intelligence (AI) and Machine Learning (ML) are now centre stage, rewriting the script for the energy sector. Smart devices empowered by sophisticated algorithms dismantle the "business as usual" model, tackling age-old challenges with unprecedented effectiveness.

Personalized consumer insights empower individuals with actionable advice to reduce their carbon footprint. These are just a glimpse of the transformative potential. Predictive maintenance, cybersecurity fortification, and grid optimization – all stand to benefit from the power of AI and ML.

This "Metering India" conference signifies a pivotal moment, by embracing the transformative potential of intelligent systems, where we can create a brighter, efficient, and equitable energy future.

The 10th edition of "Metering India" Seminar would be of interest for the participants from:

- Utilities
- Energy Service Companies
- Electricity Tariff Regulators
- Testing Institutes
- Utility Service Providers
- Consultants
- Academic and Research Institutes
- Building Sector
- Industrial Sector
- Solar and Wind Farm Equipment manufacturers
- Captive Power generators
- Power Traders
- AMI solution providers and System Integrators
- Manufacturers of Energy meters
- Telecom service providers
- Solar and wind farm integrators

CALL FOR PAPERS

With the theme of **"Sustainable and Consumer Centric Utilities towards NetZero",** this 10th edition of Metering India will focus on power of Smart Metering technology to empower consumers; catalyse greater satisfaction and making Utilities sustainable to complement India's Journey towards NetZero.

The event has been structured in five sessions to delve into key aspects of the Smart Metering, discuss challenges, and explore potential solutions.

Papers are invited for the following five sessions:

i.   **AMI Deployment Challenges and Success Stories**
ii. **Role of Metering in enabling RE Integration**
iii. **Energy Efficiency: Benefits & Opportunities**
iv. **Leveraging Meter Data: for Consumers and Utilities**
v.   **Beyond Firewall: Building Holistic Cybersecurity for the Smart Meter Network**

Following are some of the major topics suggested and are not restrictive. Papers on subjects related to the theme of the seminar will be encouraged. Authors are requested to kindly mention the session name under which the paper is being submitted.

1. Utility Business Process and AMI Integration
2. AMI – Empowering Stakeholders
3. Empowering Consumers – Through Digitization & IOT
4. Challenges of RE Integration
5. Data Analytics & Management Case Studies Perceived and Actual Benefits
6. Learning From Smart Grid Implement-ation – Indian Journey So Far
7. Roll Outs and Roadblocks
8. Innovation In Metering and Communication Technology
9. Sustainable Utilities Way Forward
10. Cybersecurity Compliances and Challenges
11. Regulation/ Standards Challenges and Way Forward
12. Smart Metering Journey Towards NetZero

TIME LINES

Last date of submission of full-length papers from authors: **15th June 2024**

The length of the paper should not exceed six pages, including figures in the format that would be provided to the authors as standard guidelines. The papers will be scrutinized by the Seminar Technical Committee for final acceptance and inclusion in the Seminar. Intimation of acceptance will be given to the authors by **31st July 2024.**

The official language of the seminar is ENGLISH.

IMPORTANT

Authors can log on to **www.meteringindia.ieema.org** for registering and submitting their papers online.

Papers presented previously in any Seminar/ Conference or published in any Journal in India are not acceptable. The authors are required to give a declaration regarding this effect. While the Principal Author would be exempted from payment of any participation fee, all co-authors will have to register as delegates by paying the delegate fee.

Trade name(s) or Brand name(s) of any product or service are not to be highlighted or promoted in any form. While critical reviews and analysis may be included, the paper should not be critical of any product, process, service, technology or performance in particular.

Note: Organisers/ Metering India Committee reserves the right to reject any paper, if found copied or presented in any other conference in India or abroad.

BEST PAPER AWARDS

To motivate presentation of quality papers, three best papers will be recognized through cash awards. A panel of experts would judge the papers on various parameters, such as:

1. Novelty of subject (disclosure of new methods, process, design philosophy. etc.)
2. Activity undertaken (Amount of original work, experimentation, practical case studies, R&D work, etc.)
3. Any future activities suggested
4. Clarity, method of written text and presentation skills
5. Relevance to theme

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PSU Partners	✓	12	✓	✓	✓	✓	✓	✓ (2)	✓	✓
Principal Sponsors	✓	12	✓	✓	✓	✓	✓	✓ (1)	✓	✓
Associate Sponsors	✓	8	✓	✓	✓	✓	✓	✓ (1)	✓	✓
Lunch Sponsors	✗	6	✓	✗	✓	✗	✗	✗	✓	✓
Dinner Sponsors	✗	8	✓	✗	✓	✓	✓	✓ (1)	✓	✓
Kit Sponsors	✗	6	✓	✓	✓	✗	✗	✗	✓	✓

DELEGATE FEE

Participants	Delegate Fee*
Participants from Utilities, Regulators, Educational, Testing, R&D and other Institutions	INR 7,500
Participants from IEEMA Member Companies	INR 12,000
Participants from Industry, IT Companies and other organizations not specified	INR 15,000
Participants from Overseas	USD 300

*GST of 18% will be applicable on the delegate fee

ORGANISER

"Metering India" seminar organized by IEEMA, the representative national organization of manufacturers of electrical, professional electronics and allied equipment in India. IEEMA undertakes various activities for the benefit of the electrical industry and its users, major ones being dissemination of information such as production statistics, government policy changes; representing the industry's views to the government; evolving price variation clauses covering a wide range of products and evolving of industry standards; training, etc. IEEMA also works with the Ministry of Power, Government of India on Power Development and Reforms Programmes. IEEMA publishes a popular monthly journal, IEEMA Journal, which is devoted to techno-commercial aspects of the industry and utilities. IEEMA provides a forum for discussion on technical and commercial matters.

IEEMA also organizes ELECRAMA Exhibition, the largest exhibition of electrical, industrial electronics and allied products in the world.

TO SUBMIT TECHNICAL PAPERS SCAN QR CODE

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