

AAYERA
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SMS

5th SMART METER SUMMIT

Enabling a Future-Ready Digital
Distribution Framework for Smart Utilities

 29th - 30th September 2026

 The Suryaa Hotel, New Delhi

 smartmetersummit.com

5th Edition Smart Metering Summit 2026

“Enabling a Future-Ready Digital Distribution Framework for Smart Utilities”

29th and 30th September 2026 at THE SURYAA HOTEL, New Delhi

India stands at a pivotal moment in its energy transition. With rising demand and rapid urbanization, the power sector is transforming, and smart metering has emerged as a key enabler, delivering real-time visibility, efficient grid management, reduced losses, improved revenue assurance, and greater consumer empowerment.

Through initiatives such as the Revamped Distribution Sector Scheme (RDSS) and the National Smart Grid Mission (NSGM), the Government of India has accelerated nationwide AMI deployment, with daily installations rising from 15,000 to over 1.12 lakh. States such as Bihar, Maharashtra, and Uttar Pradesh are leading this progress.

Under RDSS, India targets the installation of 250 million smart meters by March 2028, covering consumers, distribution transformers, and feeders to strengthen billing efficiency, reduce losses, and enhance grid management.

The first Smart Metering Summit in 2021 highlighted the potential of smart grids, meters, and digital solutions in revolutionizing power distribution. It emphasized the need for active stakeholder participation in adopting these technologies. Building on this, the fourth Edition Smart Meter Summit July in 2024 delved deeper into the progress made and chart a path forward for achieving India's target of 250 million smart meters by 2025.

The Fourth Edition Smart Metering Summit themed “Deploying Smart Meters with Advance Technologies” in 2024 provided an important platform for discussions on issues in the smart metering landscape. REC & RECPDCL & PFC also have core groups on smart metering and transmission. The Core Group on Smart Metering has identified operational challenges, like frequent testing, system integration delays, and supply-demand inconsistencies in the smart metering industry. The group during its meetings has underscored the need for skill development, improving infrastructure and connectivity, prioritizing data use cases for sustainability and EV integration, and advocating for smart meters to be classified as infrastructure to unlock better financing options. Importance of data privacy, cyber security, and compliance with the Digital Personal Data Protection Act were also highlighted.

AAYERA successfully concluded the Fourth Edition of the SMS - Smart Meter Summit in 24th and 25th July 2024. Themed “Deploying Smart Meters with Advance Technologies”, it brought together policymakers, regulators, utilities, AMISPs, technology leaders, investors, and international experts for a full day of high-impact discussions. The outcomes were clear: India has the manufacturing capacity, financing support, and technological capability to scale. What is now required is stronger collaboration, faster implementation, data-driven execution, and consumer-centric adoption. In this regard, the Government of India has taken decisive action on data security and data privacy, reinforcing trust and enabling large-scale deployment.

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Objective

Following the successful Fourth Edition, AAYERA is organizing the 5th Edition of the Smart Meter Summit on 29th & 30th September 2026 at THE SURYAA HOTEL, New Delhi. With the theme “Enabling a Future-Ready Digital Distribution Framework for Smart Utilities,” the conference will focus on smarter grids, data-driven operations, and future-ready power distribution, with a clear agenda to strengthen the Indian market and accelerate digitalisation across the power sector.

This year’s conference aims to shift the narrative from deployment to impact and will focus on:

- AI/ML in Smart Metering
- From Meters to Cloud – AI-Enabled Connectivity & Development
- End-to-End IT Stack for Indian Discoms
- Digital Twins: Simulating the Future with Smart Meter Intelligence
- Scaling AMI rapidly and responsibly through robust execution frameworks and field tested models.
- Unlocking the power of smart meter data for analytics, forecasting, demand side management, outage reduction, and power purchase optimization.
- Advancing cyber security and DPDP compliance as digitalization deepens across utilities.
- Strengthening interoperability and standardization to build a truly multivendor, scalable national ecosystem.
- Expanding smart metering across electricity, gas, and water to create integrated, future ready urban infrastructure.
- Transforming consumer engagement to build trust, increase acceptance, and make prepaid/postpaid transitions seamless.
- Attracting private investment through secure, predictable financial and contractual models.
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Key Features of the 2026 Smart Metering Summit

- International & State Level Participation
- B2B and B2G meetings to foster collaborations
- Technical Sessions for in-depth discussions on key topics
- Delegates: 500+ participants from industry, government, and academia
- Business and Policy Focus: Driving discussions on market trends and regulatory frameworks
- Case Studies: Showcasing state and international best practices in smart metering
- AMISP & AI ML Technologies Companies

SMART METER SUMMIT 2026 AGENDA

TIME

DAY 1

09:00 am - 09:45 am	REGISTRATION, REFRESHMENTS AND NETWORKING
09:45 am - 10:00 am	Inaugural Session: Powering Digital Utilities – MoP, RDSS Vision & National Transformation Roadmap
10:00 am - 10:20 am	Special Plenary Session - Innovative Policies and Regulatory Interventions for Sustainability of DISCOMs Session Partners
10:20 pm – 10:40 am	Thematic Session: Smart Meters as The Foundation for Digitalization of DISCOMs Session Partner
10:20 am – 11:20 am	PANEL DISCUSSION Digital Utility Blueprint: Building Intelligent, Adaptive Distribution Systems <ul style="list-style-type: none"> ▪ Digital utility vision: India readiness and global benchmarks ▪ Smart metering as digital backbone ▪ Digital architecture and interoperability ▪ Consumer centric digital transformation
11:45 am – 12:15 pm	SPONSOR PRESENTATION From Meters to Cloud – AI-Enabled Connectivity & Development
12:15 pm - 12:45 pm	Sponsor Presentation: AMI 2.0 Architecture – HES–MDMS–CIS–GIS Integration
12:45 pm - 01:00 pm	Presentation: AI/ML in Smart Metering – AI-ML-VR/AR-Robotics Applications for Utilities
1:00 pm - 2:00 pm	LUNCH BREAK WITH NETWORKING
02:00 pm - 02:30 pm	Sponsor Presentation: Data Exchange Protocols & Granularity in AMI

SMART METER SUMMIT 2026 AGENDA

TIME

DAY 1

02:30pm - 03:30pm	Panel Discussion: " From Meters to Intelligence: Unlocking the Power of Smart Data in Distribution Utilities " <ul style="list-style-type: none">▪ "Sovereign Cloud for Regulated Utilities"▪ "Smart meter data ecosystem"▪ "Data Quality, Governance & Standardization"▪ "Grid Visibility & Operational Intelligence"▪ "Monetization of Smart Meter Data"
03:30 pm - 04:00 pm	Presentation: Telecom Backbone – RF Mesh, NB-IoT, 5G & Rural Connectivity
04:00 pm – 05:00 PM	Panel Discussion: Reimagining Smart Meter Data for Grid Flexibility and Demand Orchestration <ul style="list-style-type: none">▪ "Smart Meter Data as a Flexibility Enabler"▪ "DER Integration, VPPs and Aggregation Model"▪ "Time-of-Use & Dynamic Pricing Mechanism"▪ "Demand Response & Load Orchestration"▪ "Regulatory & Market Design Considerations"
05:00 – 05:15 PM	Day 1 Summary: Key Insights & Strategic Direction
05:15 – 05:30 PM	SUMMARY OF DAY ONE BY ORGANIZERS

SMART METER SUMMIT 2026 AGENDA

TIME

DAY 2

09:00 am – 09:45 am	REGISTRATION, REFRESHMENTS AND NETWORKING
09:45 am - 10:00 am	DAY 1 PRECAP BY CHAIRPERSON
10:00 am – 10:30 am	KEYNOTE PRESENTATION Keynote: System Integration, Communication Networks & Interoperability
10:30 am – 11:00 am	Keynote: Utility–From Rollout to Results: Maximizing Value from Smart Meter Deployments Define success metrics - rollout targets to measurable outcomes Integration with utility systems Data utilization maturity curve - building internal capabilities for data driven decision making Measuring ROI and value realization Scaling from pilot to enterprise transformation
11:00 am – 12:00 pm	PANEL DISCUSSION Panel Discussion: Edge Analytics & Smart Meters: Real time Intelligence for Next-Gen Utilities <ul style="list-style-type: none"> ▪ Smart Meters as Edge Devices - Embedded computing capabilities in next-gen meters ▪ Edge vs Cloud: Designing the Right Analytics Split - Hybrid architectures for scalability and efficiency ▪ Communication Infrastructure & Latency Challenges ▪ AI/ML at the Edge ▪ Real-Time Use Cases enabled by Edge Analytics, CBA and scalability
12:00 pm – 12:30 pm	Presentation: Re-inventing Utility Operating Models
12:30 pm – 1:00 pm	Sponsor Presentation: End-to-End IT Stack for Indian Discoms
01:00 pm - 02:00 pm	LUNCH BREAK WITH NETWORKING
02:00 pm - 02:30 pm	Presentation: Make in India – Leading the World in Smart Metering IT Stack

SMART METER SUMMIT 2026 AGENDA

TIME

DAY 2

2:30 pm – 3:30 pm	Panel Discussion: Digital Twins: Simulating the Future with Smart Meter Intelligence <ul style="list-style-type: none">▪ Role of smart meter data in building digital twins▪ Data integration and synchronisation▪ Operational efficiency and flexibility▪ Planning and investment optimization▪ AI & advanced analytics in Digital Twins
03:30 - 4:00 pm	Presentation: Capacity Building & Training for Long-Term Sustainability
4:00 pm – 4:30 pm	Awards Ceremony & Closing Remarks
4:30 pm – 5:00 pm	Coffee Break & Networking

5 KEY BENEFITS OF ATTENDING SMS:

- ▶ Develop an effective AMI Business Strategy and Business Case for your utility's unique circumstances
- ▶ Cost Benefit Analysis – Determining and Analyzing the Economical Benefits and Returns on Investment for your AMI deployment
- ▶ Gain System Design, Deployment and Integration Best Practices for youAMI Implementation
- ▶ Quality Assurance & Performance Enhancement – Ensuring you know how you can develop and implement processes/strategies that leverage the full value of your utility's underlying infrastructure
- ▶ Improve Project & Program Management Plans for your AMI installation and integration

CONNECT WITH YOUR AUDIENCE:

Delegates at the Smart Metering Infrastructure Summit are looking to connect with the right solutions providers and solution seekers. With this in mind, we've created a range of sponsorship opportunities that will raise your profile.

We can tailor any of the following to your needs:

- ▶ Thought-leadership sessions
- ▶ Hospitality packages
- ▶ Pre-scheduled One-One meetings
- ▶ Exhibition space
- ▶ On-site branding

Partner with us at the Smart Metering Infrastructure Summit to facilitate meaningful conversations with top decision makers from across the utilities industry.



TO FIND OUT MORE, GET IN TOUCH

PHONE : +91 99867 97995

EMAIL : ahmed@ayera.com