20th ANNUAL CONFERENCE ON

POWER DISTRIBUTION IN INDIA

Digital Transformation, Reforms Roadmap and the Way Forward

November 25-26, 2025 | Le Méridien, New Delhi

Organisers:

POWERLINE | Smart Utilities







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POWER DISTRIBUTION IN INDIA

Mission

- While the distribution sector is witnessing a paradigm shift driven by load growth, increasing distributed energy resources and growing consumer expectations, the performance of the distribution utilities on operational and financial performance fronts continues to be a mixed bag.
- The AT&C losses of power distribution utilities at 16.12 per cent in 2023-24, increased from 15.11 per cent in the previous year. As of March 2024, the total debt of power distribution utilities increased to Rs 7.5 trillion (up from Rs 6.8 trillion in the previous year). However, the operational losses in the sector have nearly halved to Rs 319.7 billion in FY2024 from Rs 729 billion in FY2023, largely due to improved tariff realisation, targeted subsidy and revenue grants from state governments.
- The Revamped Distribution Sector Scheme (RDSS) is driving the reforms in the sector. Smart metering has gained significant momentum under the scheme, with over 35 million smart meters installed in the country as of July 2025. The daily installation rate in the country has crossed 100,000 meters. States like Bihar and Assam, the early adopters of smart meters, are reporting reductions in losses. To meet the target of 250 million smart meters under the RDSS, a two-year extension of the scheme (up to FY2028) is being considered.
- Moreover, state governments are also exploring the possibility of privatisation of utility operations. Most recently, the distribution operations of Chandigarh, Daman & Diu and Dadra & Nagar Haveli have been privatised. Additionally, Uttar Pradesh has initiated the process of privatisation for two of its discoms. Private participation is expected to bring operational discipline, customer-centricity and performance-linked accountability.
- The digitalisation of utility operations is gaining momentum to enhance operational efficiency and customer service. Utilities are increasingly adopting AI-based solutions for asset and load management, preventive maintenance, fault detection, demand response, theft detection and customer engagement. Data analytics is enabling more informed decision-making and performance improvement.
- With growing volatility in power flows and demand patterns, utilities are turning to battery energy storage systems (BESSs) to support grid reliability and peak load management. These systems are being integrated to complement renewable energy sources, reduce costs associated with peak power purchase and strengthen the resilience of local grids.
- Going forward, to address the sector's operational and financial challenges and meet its emerging needs, there is a need to ensure timely and adequate tariff revisions, regular disbursement of government dues and subsidies, capacity building of discom personnel, and accelerated investments in AI, automation, network modernisation and cybersecurity.
- **The mission of the conference is to discuss the key trends and developments in India's power distribution segment, understand the evolving requirements of utilities, evaluate the progress under the RDSS, and highlight the best practices of public and private discoms. The conference will examine the key issues and challenges facing the sector and deliberate on possible solutions. It will also focus on the digital transformation of utilities, data-driven decision making, and AI-based solutions and their use cases.**

Target Audience

The conference will draw participation from:

- Government and policymakers
- Power distribution companies (state/private)
- Regulatory agencies
- Power transmission operators
- Transformer and substation manufacturers
- Consultancy organisations
- Communication/Connectivity solution providers
- IT-based products and services providers
- Marketers of enterprise software solutions
- Equipment manufacturers
- Distribution franchises
- Funding agencies
- Smart meter manufacturers
- Cybersecurity solution providers
- Government agencies (central/state)
- Contractors
- Research organisations
- Etc.

AGENDA

- KEY TRENDS AND OUTLOOK
- GOVERNMENT PERSPECTIVE
- PROGRESS UNDER RDSS
- PUBLIC DISCOM INITIATIVES
- PRIVATE DISCOM PERSPECTIVE
- REGULATORS' PERSPECTIVE
- BATTERY ENERGY STORAGE SYSTEM
- FOCUS ON C&I SEGMENT
- SMART METERING, MDMS AND DATA ANALYTICS
- ROLE OF TRADING AND POWER EXCHANGES
- DISCOM FINANCES, POWER PURCHASE AND TARIFF OUTLOOK
- AI FOR ASSET MANAGEMENT, LOAD MANAGEMENT AND CUSTOMER EXPERIENCE
- INTEGRATING RENEWABLES
- DISCOM DIGITALISATION INITIATIVES
- LOSS REDUCTION AND REVENUE PROTECTION STRATEGIES
- TECHNOLOGY SHOWCASE

DISCOMS IN INDIA

Previously Participating Discoms Include:

PREVIOUS PARTICIPANTS

Adya Smart Metering, Airtel, Altec, Amnex Infotechnologies, Apraava Energy, Assam ERC, Bentley Systems, BNP Paribas, BRPL, BYPL, Cabcon, CARE Ratings, CEA, CESC, CESCOM, CESL, Centre for Social and Economic Progress (CSEP), CERC, CERT-In, CLSA, C-Sec Technologies, CTC Global, Delhi ERC, Deloitte, DGVCL, DHBVN, Digital Control Inc., DVVNL, Eagle Infra, ESRI, Exceleron, EY, GeoVista Technologies, Gujarat ERC, GIZ, ICRA, IEX, IIT Kanpur, India Power, Intellismart, Inventive, Kimbal Technologies, KSEB, Megger India, Mitsubishi Corporation India, MOXA, Madhya Pradesh ERC, MPPKVVCL, MVVNL, NDMC, NITI Aayog, Noida Power, Norden Communication, NPTI, NSGM, NTPC Vidyut Vyapar Nigam, Odisha ERC, Overseas Infrastructure Alliance, PDEU, PFC, POWERGRID, Powertech Consultants, PSPCL, PwC, Ranmuktey Grid Technologies, Raychem RPG, REC, RECPDCL, Riot Labz, SAIL, Sai Computers, Satnam Technologies, SBI, SBPDCL, Sterlite Power, Tata Power, Tata Power-DDL, Tata Steel UISL, Torrent Power, TPNODL, TSECL, TSSPDCL, UGVCL, UHBVN, ValueQuest, Wirepas, etc.

DELEGATE FEE

	Fees			
Delegates	**INR**	**GST @ 18%**	**Total INR**	**USD**
One delegate	25,000	4,500	29,500	370
Two delegates	40,000	7,200	47,200	590
Three delegates	55,000	9,900	64,900	815
Four delegates	70,000	12,600	82,600	1,040

- GST @18 per cent is applicable on the registration fee.

Organisers

The conference is being organised by India Infrastructure *Publishing*, the leading provider of information on the infrastructure sectors.

The company publishes *Power Line*, India's premier power magazine, and sector-focused research reports on *Power Distribution, Power Generation,* and *Power Transmission in India.* It also provides subscription-based research portals: India Power Regulation and India Power Monitor. It publishes *Power News*, a weekly newsletter, and the Power Line *Directory and Yearbook.*

India Infrastructure organises conferences on *IT & OT in Power, Transmission Lines, Towers and Substations, Hydro Power in India,* and *Power Transmission in India.* Additionally, the group is organising its trade show called *"TransTech India"*, focusing on power transmission.

Cover pic courtesy: shutterstock images

For delegate registrations and sponsorship opportunities, please contact:

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