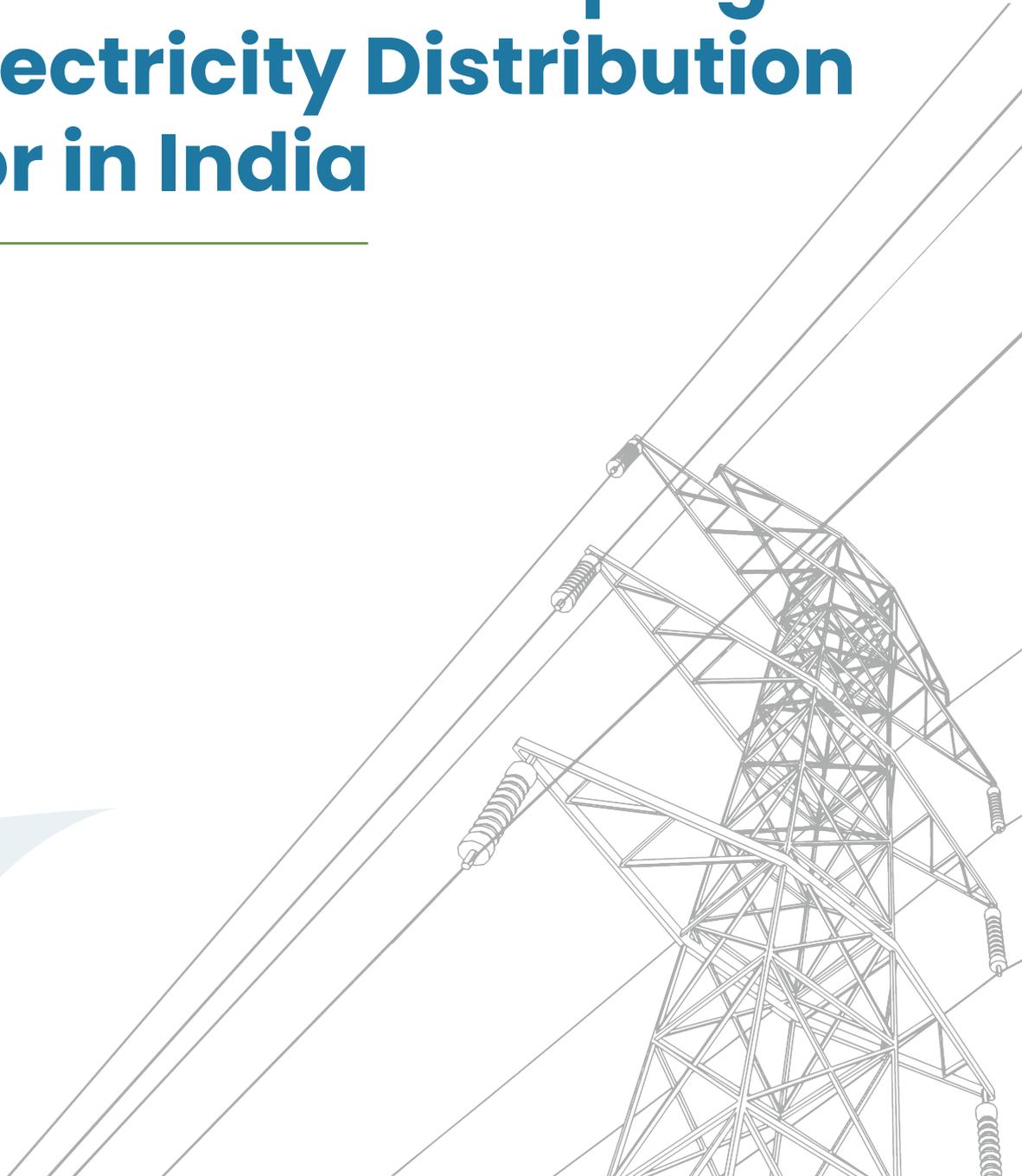




Working Paper on

Good Practices Shaping the Electricity Distribution Sector in India



About Vasudha Foundation

Vasudha Foundation is a non-profit organisation set up in 2010. We believe in the conservation of Vasudha, which in Sanskrit means the Earth, the giver of wealth, with the objective of promoting sustainable consumption of its bounties. Our mission is to promote environment-friendly, socially just and sustainable models of energy by focusing on renewable energy and energy-efficient technologies as well as sustainable lifestyle solutions. Through an innovative approach and data-driven analysis, creation of data repositories with cross-sectoral analysis, along with outreach to ensure resource conservation, we aim to help create a sustainable and inclusive future for India and Mother Earth.

Authors

Vasudha Foundation Team

Disclaimer: The insights and facts included in this background paper are based on an academic research exercise. These are not sourced from Audit Reports of the CAG and are not be construed as CAG's opinion.

This short paper highlights illustrative good practices from various DISCOMs and states. While not exhaustive, these examples provide representative insights into emerging trends, reform approaches and replicable pathways within the distribution sector.

This is a live document, which will get updated as and when new information on good practices in the electricity distribution sector becomes available. Distribution utilities that wish to have their good practices included in this paper, it will be great if you can reach out to us are kindly requested to reach out to us.

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Introduction

The electricity distribution sector plays a critical role in the power value chain in delivering reliable, affordable and cleaner electricity. The performance of DISCOMs is best understood through a combined evaluation of operational efficiency, financial sustainability and service delivery. However, a look at the decade between 2014-15 and 2024-25 reveals a complex narrative.

On one hand, national performance indicators show significant progress: Aggregate Technical & Commercial (AT&C)¹ losses declined from 23.98 per cent to 15.05 per cent and the ACS-ARR gap (the difference between the cost of supply and revenue realised) narrowed from ₹0.58/kWh² to just ₹0.06/kWh³. These improvements stem from smarter operational practices, targeted technology interventions, strengthened regulatory practices and a more strategic approach to renewable energy procurement.

However, this operational progress contrasts with a deepening financial strain. During the same period, the sector's overall financial burden including net accumulated losses, outstanding debt, state government loans and regulatory assets - increased nearly twofold.

A central pillar of distribution reforms has been UDAY⁴ and RDSS⁵, which aim to create financially sustainable and technologically advanced utilities. As of January 2026, 224 million smart meters have been sanctioned nationwide, with 53 million smart meters already installed. These investments are not only fundamental to accurate energy accounting and improved revenue realisation but are also building the digital backbone of the entire power sector - a critical enabler for the emerging India Energy Stack. A few states are rapidly scaling feeder segregation programmes and solarising feeders to meet agricultural demand. Over the last two decades, many states have made large investments in grid strengthening and network management, thus, setting the right stage for embracing the next generation of reforms.

There is also increasing regulatory oversight to mainstream energy efficiency, demand side management, renewable energy procurement and improved consumer service as core performance parameters for DISCOMs.

Some progressive recent developments include the introduction of Demand Flexibility Portfolio Obligations by the Maharashtra Electricity Regulatory Commission (MERC)⁶ and the Rajasthan Electricity Regulatory Commission (RERC)⁷. These regulations mandate a progressive share of peak demand to be met through flexible resources such as electric vehicle charging and Battery Energy Storage Systems (BESS), signalling a structural shift toward demand-side participation in grid management.

Another significant reform is the strengthened Standards of Performance (SOP) measures issued by the Odisha Electricity Regulatory Commission (OERC)⁸ in 2025. These introduce automatic compensation mechanisms, strict and measurable power-quality and reliability indices and independent annual

1 <https://iced.niti.gov.in/energy/electricity/distribution/pages/operational-performance#aggregate-technical-and-commercial-loss>

2 https://www.pfcindia.co.in/ensite/DocumentRepository/ckfinder/files/Operations/Performance_Reports_of_State_Power_Uilities/1_Report%20on%20the%20Performance%20of%20State%20Power%20Utilities%202013-14%20to%202015-16.pdf

3 https://www.pfcindia.co.in/ensite/DocumentRepository/ckfinder/files/Gol_Initiatives/Annual_Integrated_Ratings_of_State_DISCOMs/14th_Annual_Integrated%20Rating%20and%20Ranking%20of%20Power%20Distribution_Uilities.pdf

4 Ujwal Discom Assurance Yojana

5 Revamped Distribution Sector Scheme

6 <https://merc.gov.in/wp-content/uploads/2024/08/Draft-Demand-Flexibility-DSM-Regulations-2024-2.pdf>

7 <https://rerc.rajasthan.gov.in/Latest>

8 <https://www.orierc.org/UploadData/LatestUpdates/9ff0cbf2-4c3b-45d1-9ff5-10693f11b6d5.pdf>

third-party audits – embedding accountability, transparency and consumer-centric service standards into the regulatory framework.

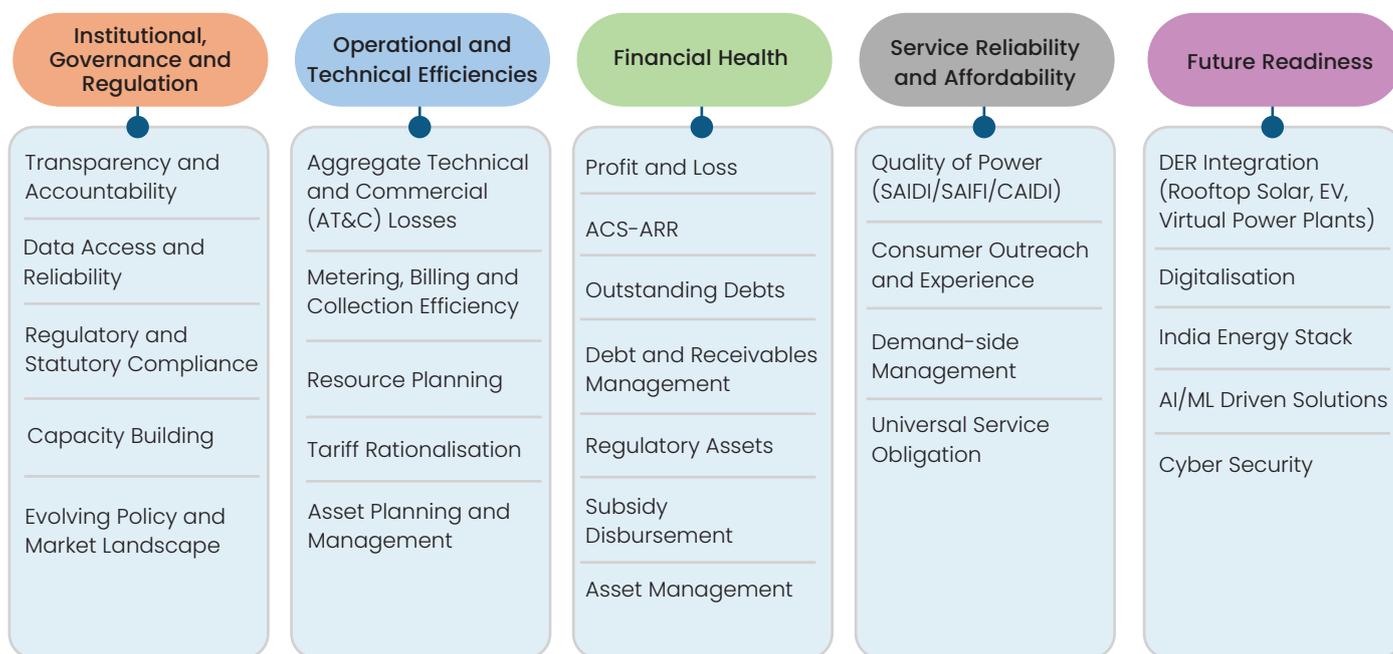
Another key example of institutional and regulatory reform was undertaken by the Rajasthan Electricity Regulatory Commission (RERC) through the inclusion of provisions such as waiver of additional surcharge, unrestricted annual banking and streamlined approval processes as part of its Green Energy Open Access Regulations 2025. This significantly improved the commercial viability and administrative ease for procuring renewable energy by commercial and industrial consumers.

Further, in alignment with the new framework introduced by the Central Electricity Regulatory Commission (CERC) permitting trading in electricity financial derivatives, the Uttar Pradesh Electricity Regulatory Commission (UPERC)⁹ has allowed participation in the futures electricity market on a pilot basis enabling structured price-risk management while maintaining regulatory safeguards.

Together, these reforms reflect a maturing regulatory ecosystem – one that is increasingly innovation-driven, consumer-focused and aligned with the evolving needs of a cleaner and more flexible power system.

With this background, this paper attempts to document such good practices adopted by different DISCOMs across the five key thematic areas outlined in Figure 1. By highlighting these practices, this paper aims to demonstrate replicable pathways for improvement and provide practical insights for DISCOMs to learn from peers, adapt proven strategies and progressively improve their performances.

Figure 1: Five key thematic areas for assessment of state/DISCOM performance



⁹ https://www.uperc.org/App_File/UPPCLTariffOrderFY2025-26-pdf1122202564623PM.pdf

Thematic Area 1

Institutional Governance and Regulation

GUVNL (Gujarat) with Sustained Effort: A Torchbearer for Other Electricity Distribution Utilities

Gujarat's experience demonstrates that strong institutions, empowered professionals and intelligent use of data can transform public power utilities into high-performing, future-ready organisations. A model worth emulating where governance, technology and financial prudence converge to deliver reliable, affordable and sustainable power.



Utility Name

Dakshin Gujarat Vij Company Limited (DGVCL),
Madhya Gujarat Vij Company Limited (MGVCL),
Paschim Gujarat Vij Company Limited (PGVCL),
Uttar Gujarat Vij Company Limited (UGVCL)



Practice Head

AT&C Loss Reduction, Data Access &
Transparency, Good Financial Health,
AI-driven Technology



Key Achievement

- ▶ DGVCL reduced its AT&C losses from 10.8 per cent in 2014-15 to an exceptionally low 1.3 per cent in 2023-24, nearly eightfold.



Ministry of Power Ratings

Gujarat DISCOMs (DGVCL, MGVCL, UGVCL and PGVCL) operated under Gujarat Urja Vikas Nigam Limited (GUVNL), continued to top in the 14th Integrated Ranking report (released by the Ministry of Power), retaining an A+ rating (2024-25).



DGVCL
Grade: A+



MGVCL
Grade: A+



PGVCL
Grade: A+



UGVCL
Grade: A+



Good Practices¹⁰

- ▶ **Data-led Network Planning:** Through platforms such as Akshay Urja Setu and Urja Samvardhan, Gujarat has institutionalized end-to-end data integration across generation, transmission and distribution. These platforms enable: • Demand aggregation and forecasting • Scientific planning of transmission and distribution networks • Transparent, non-discretionary connectivity planning • Optimised capex aligned with future demand and renewable integration.

10. https://www.linkedin.com/posts/activity-7422665906234945536-gRUQ/?utm_source=share&utm_medium=member_android&rctm=ACoAAB09XOgB7SoBucsAiG2qIOL9q95wd5VFJw

- ▶ **Financial Discipline with Public Value Creation:** Gujarat remains the only state-owned power utility ecosystem in the country to have-
 - Maintained strong operational and financial performance
 - Paid a dividend of ~₹1800 Crores to the State Government, demonstrating that public utilities can be both financially robust and citizen-centric.
- ▶ **Robust Distribution Infrastructure:** Gujarat has embarked on an ambitious plan to underground a significant portion of the distribution network over the next five years, enhancing:
 - Reliability and resilience
 - Safety and aesthetics
 - Climate and disaster preparedness
 - Quality of supply for consumers
- ▶ **Using Data as a Strategic Asset:** The next phase focuses on leveraging data for:
 - Proactive asset management
 - Predictive maintenance
 - Loss reduction and efficiency improvement
 - Seamless integration of renewables, storage and new-age loads.
- ▶ **KHUSHY (Kisan Heet Urja Shakti Yojana):** Deployment of small-capacity transformers to provide individual agricultural connections, contributing to lower technical and commercial losses¹¹.
- ▶ **Metering, Billing and Vigilance Reforms:** 100 per cent spot billing, widespread smart metering, active vigilance cells and the e-Vidyut Seva platform for payments, complaints, connections and usage tracking helped reduce losses and curb power theft.



Awards

- ★ DGVCL received a Silver Medal in the Electricity Distribution Industry Conference 2026, All India Discoms Association (AIDA) in Category III - maximum improvement in 2024-25 in consumer satisfaction in terms of digital payment in a Discom¹².
- ★ DGVCL ranked first in the 12th Innovation with Impact Award for DISCOMS under Category C- Quality of Service & Customer Empowerment and Third in Category B- Efficient Operations¹³.
- ★ UGVCL received in Independent Power Producers Association of India (IPPAI) Power Awards 2024 for best DISCOM to Promote Consumer Awareness¹³.
- ★ Received a silver medal in electricity Distribution Industry Conference 2026, AIDA in Category I: Highest improvement in recovery of revenue in 2024-25 in a rural circle of equivalent area and the innovative methods deployed for the same {reducing arrears by 44.43 per cent (₹1207.42 Lakh to ₹670.91 Lakh) and improving collection efficiency to 102.20 per cent}¹².

11. <https://guj-epd.gujarat.gov.in/home/blogdetailspage/14>

12. <https://aida-india.org/wp-content/uploads/2026/01/aida-annual-publication-2025-17-01-2026-final-for-print.pdf>

13. <https://www.guvnl.com/documents/annualreports/Annual%20Report%202023-24.pdf>

Thematic Area 2

Operational & Technical Efficiencies

Case Study 2.1



Utility Name

North Bihar Power Distribution Company Limited (NBPDC), Bihar
Serves 13.4 million consumers
(nearly 85 per cent in rural areas)



Practice Head

Reduction in AT&C Loss,
Improved Metering, Billing and
Collection Efficiency



MoP Score and Grades



Key Achievement

- ▶ Digital payment share increasing from about 45 per cent to nearly 80 per cent over two years
- ▶ Reduced AT&C losses from 42 per cent in 2014-15 to 14 per cent in 2024-25
- ▶ Collection efficiency increased from 89 per cent in 2014-15 to 97 per cent in 2024-25



Good Practices¹³

- ▶ Built an inclusive, multi-channel digital payment ecosystem integrating Bharat Bill Payment System banks, Common Service Centers (CSC), mobile devices, multiple payment gateways and an innovative e-wallet enabled doorstep payment system, ensuring digital access even for consumers with low digital literacy.
- ▶ Further, the deployment of over 52 Lakh smart prepaid meters, leading to more than 95 per cent of prepaid charges being paid digitally, supported by consumer incentives, awareness campaigns and automated reconciliation systems.



Awards

- ★ Received gold medal in the Electricity Distribution Industry Conference 2026, AIDA in Category III: Highest improvement in 2024-25 in Consumer Satisfaction in terms of Digital Payment in a Discom¹³.

Case Study 2.2



Utility Name

Assam Power Distribution Company Limited (APDCL), Assam
Serves over 6 million consumers



Practice Head

Reduction in AT&C Loss
Improved Metering, Billing and
Collection Efficiency



MoP Score and Grades



Key Achievement

- ▶ The DISCOM reduced its AT&C losses from 25.84 per cent in 2014-15 to 15.44 per cent in 2024-25, while maintaining high supply reliability, over 23 hours in both urban and rural areas.
- ▶ More than 53,000 suspicious cases were identified for on-ground checks with the help of electricity data between April and October 2025.
- ▶ 100 per cent Feeder and Distribution Transformer (DT) metering & 68 per cent consumer smart meter coverage¹³.



Good Practices

- ▶ PPP Model¹⁴: Samaksha (an AI-enabled smart meter reading solution): Helps in replacing the manual reading with image-based capture and AI-driven data extraction. Quickly processed over 8.5 Crore meter readings with more than 95 per cent accuracy¹⁵.



Awards

- ★ Won a gold medal in the Electricity Distribution Industry Conference 2026, AIDA in Category II: Best use of smart meter data by Discom for purposes other than billing¹³.
- ★ Honourable Prime Minister of India, Shri Narendra Modi, recognised the incredible feat of installing over 50 lakh smart prepaid meters in Assam¹⁶.

14. Public-Private Partnership (PPP) model between Kimbal Technologies and APDCL

15. <https://kimbal.io/wp-content/uploads/2024/11/Assam-Power-Distribution-Company-1.pdf>

16. <https://www.pib.gov.in/PressReleasePage.aspx?PRID=2207003®=3&lang=2>

Thematic Area 3

Financial Health

Case Study 3.1



Utility Name

Punjab State Power Corporation Limited (PSPCL), Punjab



Practice Head

Increasing Profit



MoP Score and Grades



Key Achievement

- ▶ Profit after Tax increased from ₹800 Crores in 2023-24 to ₹6,216 Crores in 2024-25, reflecting a financial boost to the DISCOM (Loss funding by the Government of Punjab is supported through the provision of additional borrowing space of up to 0.5 per cent of Gross State Domestic Product, linked to performance under the Power Sector Scheme, as recommended by the 15th Finance Commission.)¹⁷.



Good Practices

- ▶ PSPCL charges 7.71 per cent interest¹⁸ on a day-to-day basis on the delayed payment of subsidy.



Awards

- ★ PSPCL has won the top performer among all DISCOMs for Energy Conservation Measures under the Perform Achieve & Trade (PAT) scheme, Bureau of Energy Efficiency (BEE)¹⁹ 2024.

17. <https://docs.pspcl.in/docs/cearrtp20251208180339460.pdf>

18. PSERC- Tariff Order 2025-26 for PSPCL (Chapter 2 True up for 2023-24), Page 100

19. <https://timesofindia.indiatimes.com/city/amritsar/punjab-discom-gets-top-performer-award-for-energy-conservation-measures/articleshow/98393622.cms#:~:text=The%20Top%20performer%20award%20and,targets%20are%20given%20to%20entities.>

Case Study 3.2



Utility Name

Tata Power Central Odisha Distribution Limited (TPCODL) (erstwhile CESU), Odisha

Serves 33 Lakh consumers across 30,000 sq. km in Central Odisha (nearly 80 per cent belongs to rural area)



Practice Head

Improvement in Financial Health



MoP Score and Grades



Key Achievement

- ▶ Financially the DISCOM improved from a loss of ₹507 Crores in 2015-16 to Profit of ₹150 Crores in 2024-25.
- ▶ Reduced AT&C loss 36 per cent in 2015-16 to 19 per cent in 2024-25.
- ▶ The total accumulated losses improved from a loss of ₹108 Crores to profit of ₹262 Crores in the same time period.



Good Practices¹²

- ▶ Deployment of Women Self-Help Groups for meter reading and collections,
- ▶ Expanded CSC payment points
- ▶ GIS-based route optimisation such as network planning, outage planning, energy audit, asset management and change management²⁰,
- ▶ Digital payment promotion,
- ▶ Mobile Point of Sale (MPOS)- enabled collection apps and integration with government payment platforms.



Awards

- ★ Received a gold medal at the Electricity Distribution Industry Conference 2026, AIDA in Category I: Highest improvement in recovery of revenue in 2024-25 in a rural circle of equivalent area and the innovative methods deployed for the same¹².

20. <https://www.esri.in/en-in/newsroom/blog/how-esri-indias-gis-solution-is-making-utility-distribution-more-reliable-productive-and-resilient>

Thematic Area 4

Service Reliability and Affordability

Case Study 4.1



Utility Name

Tamil Nadu Power Distribution Corporation Limited (TNPDCCL) (erstwhile TANGEDCO), Tamil Nadu



Practice Head

Quality of Power, Consumer Outreach and Experience



MoP Score and Grades



Key Achievement

- ▶ Reduced Technology-led losses, theft control and increased RE Integration
- ▶ Reduced AT&C losses from 25 per cent in 2014-15 to 11 per cent in 2024-25.



Good Practices¹²

- ▶ Replaced legacy handheld meter-reading devices with an Android-based mobile app, eliminating manual errors, enabling instant bill generation and automating 75 per cent of Low-Tension Current Transformer (LTCT) & 76 per cent of Non-CT readings for 3.4 crore consumers.
- ▶ Reading quality check system (using ML) detects billing anomalies and blocks abnormal bills until field verification → improved billing accuracy and consumer trust.
- ▶ SAP ERP²¹ Vendor & Payment Reforms including Unified Vendor Portal, Tamil Nadu Trade Receivable Discounting System (TN-TReDS) integration for MSMEs, centralized bank API payments → faster, transparent settlements and fewer grievances.
- ▶ Smart Analytics for revenue augmentation efforts and to reduce pilferage through early identification of tariff misuse²².
- ▶ Remote meter configuration: Enabled for Net Meters, facilitating the easier management of solar energy systems, billing configuration, Time of Day/Time of Use calendar configuration.



Awards

- ★ Received a Gold Medal in SKOCH Award 2024 for Digital Transformation of DISCOM's Commercial Operations Under Smart Metering Project¹².
- ★ Received a Silver Award in Electricity Distribution Industry Conference 2026 by AIDA in Category VI: Effective Change Management for Improvement in Consumer Services¹².

21. Systems Applications and Products (SAP), Enterprise Resource Planning (ERP)

22. <https://ratings.skoch.in/2024/07/28/tangedco-tamilnadu-generation-and-distribution-corporation-limited/> (Presentation)

Thematic Area 5

Future Readiness

Case Study 5.1



Utility Name

Jaipur Vidyut Vitran Nigam Limited (JVVNL), Rajasthan



Practice Head

Digitalisation, India Energy Stack, AI/ML driven Solutions, DER Integration



MoP Score and Grades

Grade overridden due to regulatory asset disincentive.

12th IRR
Grade: B

51

2022-23

13th IRR
Grade: B-

51

2023-24

14th IRR
Grade: B-

47

2024-25



Good Practices

- ▶ **Initiated Pilot Project in Digital Twin of the Distribution Network**– With technical and operational support from Global Energy Alliance for People and Planet (GEAPP) and JVVNL has built a comprehensive digital twin covering 3.2 Lakh distribution transformers, 40 Lakh poles & feeder segments and 1,650 grid substations. This has digitized 75 per cent of the entire network, with a target of 85 per cent coverage²³ by December 2025.
- ▶ **Drone-Based Surveillance**– JVVNL deployed drones to detect and eliminate illegal power connections, significantly curbing power theft and reducing transmission & distribution losses²⁴.
- ▶ **Virtual & Group Net Metering**– For the first time, the DISCOM has implemented virtual net metering and group net metering schemes, allowing consumers without rooftop space to participate in solar energy generation, lower their electricity bills and support distributed renewable energy adoption²⁵.
- ▶ **Innovative Land Mobilization via SKAY Portal**²⁶– It enabled feeder-level solarization by using the SKAY digital platform, allowing farmers to register and lease land near substations for solar projects, streamlining land aggregation and developer participation, a practice still uncommon across most DISCOMs.



Awards

- ★ Received Gold Medal in Electricity Distribution Industry Conference 2026 by AIDA in Category V: Agricultural feeder solarization¹².

23. <https://www.linkedin.com/feed/update/urn:li:activity:7403352904809832448/>

24. <https://www.ndtv.com/india-news/india-s-first-drone-based-cloud-seeding-launched-in-rajasthan-9070576>

25. <https://timesofindia.indiatimes.com/city/jaipur/discoms-issue-guidelines-for-virtual-group-net-metering/articleshow/126259159.cms>

26. <https://www.rear.org.in/skay>

Case Study 5.2



Utility Name

Tata Power-Delhi Distribution Limited (TP-DDL), Delhi



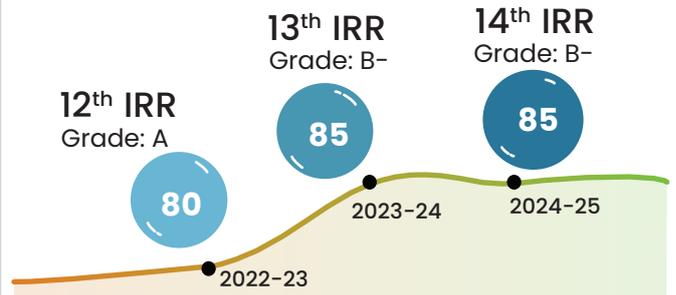
Practice Head

AI/ML driven Solutions, Digitalisation and India Energy Stack



MoP Score and Grades

Grade overridden due to regulatory asset disincentive.



Good Practices²⁷

- ▶ **End-to-end Digital Utility Model:** Fully digitised network with Advanced Distribution Management System (ADMS), AMI/smart meters, Distributed Energy Resources Management System, LV automation (IoT), BESS, AI/ML and big-data analytics under its “Utility of the Future” roadmap.
- ▶ **Integrated SCADA-OMS Operations:** Automated fault detection and response enabling faster outage restoration and higher network reliability.
- ▶ **AI/ML-driven Predictive Maintenance:** Proactive asset health monitoring that minimizes failures, downtime and maintenance costs.
- ▶ **India’s Leading Smart Metering Scale-up:** First private DISCOM to deploy ~5.9 Lakh smart meters, enabling real-time two-way communication and consumer empowerment.
- ▶ **Customer-centric Digital Services:** My Tata Power App and Virtual Connect provide seamless self-service, real-time alerts and remote interactions at scale.
- ▶ **Pioneering Behavioral Demand Response (BDR):** Large-scale, analytics-led residential DR engaging over 1 Lakh customers, delivering ~450+ MW annual peak reduction.
- ▶ **Advanced AI Automation in Customer Care:** AI bots, OCR-based meter reading and image analytics cutting billing errors, response time and complaints significantly.
- ▶ **Peer-to-Peer (P2P) Electricity Trading²⁸:** Enabling consumers with rooftop solar to buy and sell surplus clean energy directly with each other through a secure, DISCOM-backed digital platform.
- ▶ **Data-driven Revenue Assurance:** Early defaulter identification and smart collections improving cash flow by ~30 per cent.
- ▶ Launched a scheme offering up to 45 per cent discount on BEE 5-star air conditioners to promote energy efficiency, reduce summer peak load, flatten the load curve, phase out inefficient ACs and increase consumer awareness on energy and cost savings²⁹.



Awards

- ★ Tata Power-DDL recognized at ICC 13th Innovation³⁰ with Impact Awards for DISCOMs 2025 in Category A – Green Energy: 1st Rank, Category B – Efficient Operations: 3rd Rank and Category F – Innovation with Impact – General: 2nd Rank.
- ★ Tata Power-DDL conferred with Global Sustainable Utility Company of the Year 2025 at The GEEF Global Sustainability Awards³⁰ 2025.

27. Interview of Ms Kiran Gupta Chief- Customer Experience, Commercial, Govt. Affairs, EAC & Consumer Litigation with Solar Quarter India Magazine

28. https://www.linkedin.com/posts/tatapower-ddl_tata-power-ddl-driving-indias-first-inter-state-activity-7427970526012170240-pewY/

29. <https://tatapower-ddl.com/UploadedDocuments/AC%20Scheme%202018%20FAQ%27s.pdf>

30. <https://www.tatapower-ddl.com/corporate/our-company/awards>

Case Study 5.3



Utility Name

BSES Rajdhani Power Limited
(BRPL), Delhi



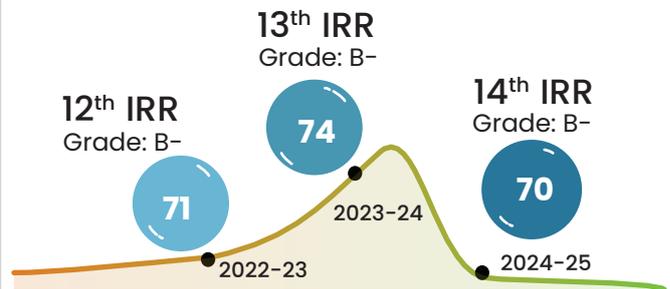
Practice Head

AI/ML driven Solutions,
Digitalisation, India Energy Stack
and DER Integration



MoP Score and Grades

Grade overridden due to regulatory asset disincentive.



Good Practices¹²

- ▶ **Digital Twin Pilot for Low-Voltage Network:** Piloted in Janakpuri division; expansion planned in dense urban areas for better reliability, faster restoration, accurate connections, LT planning, predictive maintenance, loss tracking and reduced unbilled units.
- ▶ **Drone-Based Predictive Maintenance:** Drones deployed across divisions for proactive asset inspection; full rollout planned to minimize outages and extend equipment life.
- ▶ BESS being installed at 33/11 kV grid and DT substations under regulatory approval to support peak shaving and RE integration. India's first commercially approved, utility-scale standalone BESS capacity of 20 MW/40 MWh at Kilokri substation in South Delhi.
- ▶ **AI-Driven 15-Minute Load Forecasting:** High-resolution forecasts at 11 kV feeder level using load history + weather data → avoids costly power purchases and reduces imbalances.
- ▶ GIS-SCADA Integration Complete coverage of service area for geospatial asset management, real-time monitoring and quick fault resolution.
- ▶ P2P energy trading pilots in 3 DISCOMs (BRPL, TP-DDL, PVVNL)³¹ addresses the Future Readiness aspect, specifically Digitalisation and India Energy Stack, by enabling direct energy transactions between prosumers and consumers through digital platforms. Supported by enabling regulations they establish frameworks for decentralised market participation.



Awards

- ★ BRPL received the Diamond Award (9th Edition) at the 9th ISGF Innovation Awards 2025 under the Category '3A – Smart Technology (Electricity – Distribution)' for Standalone Community Storage BESS Project connected to low-voltage Distribution Transformer³².

31. <https://timesofindia.indiatimes.com/business/india-business/consumers-to-buy-and-sell-electricity-derc-greenlights-peer-to-peer-power-trading-pilot/articleshow/128337717.cms>

32. <https://isuw.in/winners-innovation-awards-2025>

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