

PRESS RELEASE

Apraava Energy's AI-ML solution recognised by Ministry of Power for advancing India's power distribution sector

Mumbai, December 15, 2025: Apraava Energy, India's leading integrated energy solutions provider, has received national recognition for its pioneering Artificial Intelligence (AI) and Machine Learning (ML) solution aimed at building data-driven, consumer-centric, and future-ready energy solutions for India. The recognition was conferred at the Ministry of Power's 'National Conference on the Use of AI and ML in the Power Distribution Sector' under the Revamped Distribution Sector Scheme (RDSS). The two-day conference demonstrated cutting-edge use cases to drive innovation, improve operational efficiencies, and enhance consumer satisfaction across DISCOMs in India. **The runner-up award was presented to the Apraava Energy team by the Hon'ble Union Minister for Power and Housing and Urban Affairs, Shri Manohar Lal Khattar.**

Nearly 200 solutions were presented by the DISCOMs, AMISPs (Advanced Metering Infrastructure Service Providers), Technology Solution Providers (TSPs) and Home Automation Solution Providers (HASPs). Under the AMISP category, Apraava Energy showcased its solution, Discom GPT (Grid.), developed in partnership with WorkOnGrid. The next-generation solution demonstrated how behavioural demand response and AI-based operational automation can meaningfully enhance consumer experience while improving power grid efficiency. By integrating generative AI, advanced machine learning and a robust data architecture, Grid. unlocks new levels of value, efficiency and reliability in the power distribution sector, setting the course for smarter decisions, agile responses and transformative change across India's evolving digital energy landscape.

Rajiv Ranjan Mishra, Managing Director, Apraava Energy, said, "Grid. represents Apraava's effort to reimagine the future of power distribution for India. It is not merely a technology upgrade but a bold step towards embedding AI and machine learning deeply into power utility operations. Through this initiative, our mission is to improve grid reliability, operational efficiency, and customer satisfaction. We are delighted by the recognition and appreciation received from the Ministry of Power for our solution. Apraava remains committed to delivering reliable and affordable energy solutions to the nation, with a focus on innovation and sustainability."

Through Grid., Apraava demonstrated how utilities can:

- Segment consumers to enable targeted interventions and effective demand-side management
- Predict transformer faults using anomaly detection, enabling proactive maintenance
- Forecast demand more accurately through deep learning models to support improved load planning
- Automate operational workflows, delivering instant insights and decision-making support

Apraava offers a comprehensive, end-to-end AMI solution and is well placed to accelerate the smart metering adoption in the country under the RDSS. Its AMI footprint spans across several states with a target of installing around 7.8 million smart meters.

About Apraava Energy

Apraava Energy is India's leading integrated energy solutions provider head quartered in Mumbai. It is jointly owned by the CLP Group —one of the largest investor-owned power businesses in Asia and La Caisse (formerly CDPQ), a global investment group.

Founded in 2002, Apraava has evolved from being a single-asset business to a forward looking, climate-conscious organisation spread across 13 states in India. Its portfolio comprises ~3.4 GW of installed capacity which includes ~1200 MW of wind and 250 MW of solar energy projects, a 1320 MW coal-fired super critical power plant and two power transmission assets (~494 kms). In addition, four greenfield transmission projects (~500 kms of transmission lines and substations with over 10



GW of combined capacity), a wind project (300 MW) and two solar projects (550 MW) are under construction. The company has also forayed into Advanced Metering Infrastructure (AMI) business and is executing orders of ~7.8 million smart meters in Assam, Gujarat, West Bengal, Himachal Pradesh, Rajasthan, Puducherry and Madhya Pradesh.

Apraava Energy is among the handful of Indian power sector companies to commit to the SBTi and only the second in the sector to have them validated.

The company aims to invest in low-carbon growth areas, including renewable energy, power transmission and distribution, as well as other non-generation, customer-focused energy businesses.

Apraava is proud to be certified as a Great Place To Work® for the second consecutive year (Dec 2024 – Dec 2025), reflecting its commitment to fostering a workplace built on trust, performance, and positivity. In 2024, the company was also featured among the Top LinkedIn Companies in India.

For more information, please visit: www.apraava.com

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