



K.P. ENERGY LIMITED
CIN: L40100GJ2010PLC059169



KPEL/MAT/JUN/2025/564

Date: June 27, 2025

BSE Limited
Phiroze Jeejeebhoy Towers,
Dalal Street,
Mumbai - 400 001

National Stock Exchange of India Limited
Exchange Plaza,
Bandra Kurla Complex,
Bandra (E), Mumbai - 400051

Scrip Code: 539686

Symbol: KPEL

Sub.: Press Release – KP Group Featured in IBM Global Case Study on Scalable, Intelligent Clean Energy Operations

Dear Sir/Madam,

Pursuant to Regulation 30 of the SEBI (Listing Obligations and Disclosure Requirements) Regulations, 2015, we are enclosing herewith a Press Release titled “*KP Group Featured in IBM Global Case Study on Scaling Clean Energy with Intelligent Asset Monitoring*”.

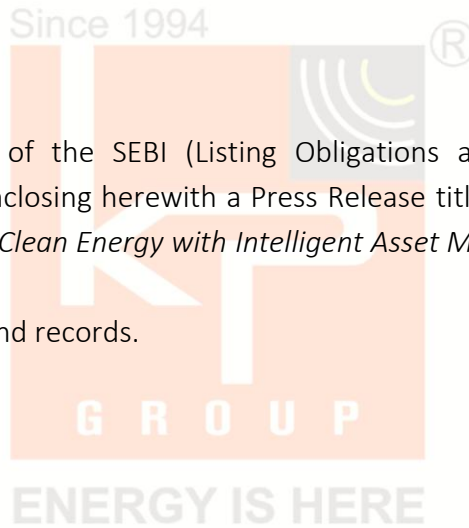
This is for your information and records.

Thanking you,

Yours faithfully,
For K.P. Energy Limited

Affan Faruk Patel
Whole Time Director
DIN: 08576337

Encl. a/a



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ISO 14001:2015, ISO 9001:2015 and ISO 45001: 2018 Certified Company

NSE BSE Listed Company



For immediate release

KP Group Featured in IBM Global Case Study on Scaling Clean Energy with Intelligent Asset Monitoring

Surat, June 27, 2025: KP Group has been prominently featured in a global case study released by International Business Machines Corporation (IBM). The study, titled *“Scaling clean energy with intelligent asset monitoring: KP Group automates asset performance, reporting and compliance across 70+ sites with IBM Maximo Renewables”*—showcasing the transformational impact of KP Group’s integrated NOC, which is powered by IBM Maximo Renewables.

The study is available on IBM’s official website (<https://www.ibm.com/case-studies/kp-group>).

IBM’s publication highlights KP Group’s digital-first operating model, predictive-maintenance culture and data-driven governance framework, positioning the Company as a benchmark for operational excellence in India’s renewable-energy sector.

1. Highlights acknowledged by IBM

Key capability	Impact recognised by IBM
Fully automated, hourly Power BI reporting across > 70 solar & hybrid sites	100 % elimination of manual data handling
Real-time analytics on 9,000 + PV strings	Instant anomaly detection with proactive field alerts
Centralised CMMS workflows (Maximo Renewables – Monitor, Analyze, Operate)	~ 800 kWh/CM work-order efficiency; 2 – 5 % projected reduction in corrective-maintenance energy loss over the next 12 months
100 % contractual compliance tracking	Automated management of 85 % generation-guarantee obligations, lowering penalty risk and enhancing customer trust

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Key capability	Impact recognised by IBM
Rapid scalability – 137 projects onboarded in three phases	3 – 4 week roll-out cycles and portfolio-wide reach; platform now covers > 200 C&I sub-projects

2. About KP Group’s Central NOC (developed entirely in-house)

Conceived, coded and continuously upgraded by KP Group’s **Digital Innovation Team**, the NOC is a vendor-agnostic, micro-services platform that ingests five-second telemetry from solar, wind and hybrid assets, normalises the data in a proprietary lake and streams actionable insights to on-prem, web and mobile consoles. A rules-based KPI engine cross-checks generation, irradiance and market-price forecasts to drive revenue-optimised dispatch, while zero-trust security, dual-site fail-over and MFA safeguard 24 × 7 availability. Role-based dashboards now serve O&M, energy-trading, finance and ESG teams, providing a single source of truth across the enterprise.

3. Other recent technology milestones

- **Water-less robotic panel-cleaning fleet** – 184 autonomous robots keep 484 MW of modules dust-free across 25 sites, saving ~ 4.81 crore L of water and ₹ 38.5 lakh in OPEX; design certified compatible by Nextracker USA and production scaling towards 5,000 units this fiscal.
- **Strategic MoUs with Delta Electronics** – Three agreements cover large-scale BESS projects, green-hydrogen hubs and nationwide EV-charging roll-outs; first tranche includes supply of ~ 1 GW of PV inverters over the next 12 months.
- **Live mobile & web dashboards for CPP/OA clients** – All 75 + open-access PPA and 130 + captive-power customers now receive real-time generation, billing and compliance data through secure portals.
- **AI-driven predictive-maintenance models** – Machine-learning algorithms within the NOC have enabled proactive work-order scheduling and significantly reduced inverter-related downtime, contributing to smoother operations and lower corrective-maintenance costs.

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About KP Group:

Established in 1994, by Dr. Faruk G. Patel, KP Group has grown into a multi-faceted conglomerate with core expertise in renewable energy, infrastructure, and innovation. Over the past three decades, the group has championed sustainability by spearheading transformative projects in wind and solar energy, thereby contributing to India's green energy mission. With a strong portfolio of renewable energy projects, KP Group has earned a reputation as a trusted partner for companies committed to reducing their carbon footprint. The group remains steadfast in its mission to contribute meaningfully to India's energy transition while setting new benchmarks in the renewable energy sector.

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