



K.P. ENERGY LIMITED
CIN: L40100GJ2010PLC059169



KPEL/MAT/SEP/2025/583

Date: September 1, 2025

BSE Limited
Phiroze Jeejeebhoy Towers,
Dalal Street,
Mumbai - 400001

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

Scrip Code: 539686

Symbol: KPEL

Sub.: Press Release – Update on Operational Portfolio & Technological Performance of KP Group’s O&M Verticals

Dear Sir/Madam,

Pursuant to Regulation 30 of the SEBI (Listing Obligations and Disclosure Requirements) Regulations, 2015, we are enclosing herewith a Press Release for the update of Operational Portfolio & Technological Performance of Operations & Maintenance Verticals of KP Group.

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



Reg. Office:

'KP House', Near KP Circle, Opp. Ishwar Farm Junction BRTS,
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ISO 14001:2015, ISO 9001:2015 and ISO 45001: 2018 Certified Company

NSE BSE Listed Company



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For immediate release

Operational Portfolio & Technological Performance Update of Operations & Maintenance (O&M) Verticals of KP Group

1. O&M Portfolio

The O&M verticals of **KP Group**, continues to deliver strong operational performance and scale up its renewable energy portfolio.

- **Installed Capacity:** KP Group has an installed base of 1.9+ GW **solar, wind and hybrid assets** across India.
- **Upcoming Additions:** An additional **~4 GW of renewable assets** are currently under execution and would be integrated, further enhancing the company's leadership position in O&M services. With the expansion of KP Group's IPP operations, our advanced in-house O&M platform is designed to maximize asset performance and deliver resilient, long-term cash flows.

The performance levels of our O&M portfolio demonstrate strong reliability, effective predictive maintenance, and consistent value maximization for stakeholders.

2. Technological Advancements

A. Network Operations Center (NOC) – Asset monitoring platform (*Click [here](#) to view video*)

Our Centralized NOC — a state-of-the-art command hub, conceptualized and developed in-house, enables real-time monitoring, diagnostics, and control of KP Group's solar and wind assets. Powered by IBM Maximo Renewables, it delivers world-class digital O&M capabilities. (*Click [here](#) to view our case study on IBM*)

Real-time monitoring of assets

- Servicing 200+ clients and ensuring 100% O&M contracting compliance
- **AI-driven analytics** for predictive maintenance & loss minimization
- **Automated reporting and real-time alerts** for faster operational response
- Development of an **in-house Unified Data Access (UDA) platform** for large-scale data management and tracking

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This digital eco-system, positions KP Group as a **technology-driven leader in renewable O&M**.

B. Research & Development Centre – Solar Panel Cleaning Robots *(Click [here](#) to view video)*

Alongside operations, KP Group has a dedicated R&D Centre driving innovation in O&M optimisation and asset reliability. One key innovation is **robotic solar plant cleaning solutions**:

- Complete **design, prototyping, and production** managed by **internal engineering** teams. Our robotic solution is under patent application, securing innovation leadership
- **730+ Robots deployed** across operating sites; **1,000+ Robots in production pipeline**
- **Global certifications** from **NEXTracker (USA)** and **Gamechanger (USA)** tracker companies
- The IoT-powered robotic cleaning **system ensures ~98% cleaning efficiency**, drycleaning 1 MW in under 3 hours, promoting sustainability, operational enhancement and significantly reducing water consumption
- **New manufacturing facility commissioned at Por** – scaling up capacity from **100 robots/month to 300 robots/month** to meet rising demand domestically and internationally

Outlook

With a strong O&M portfolio, robust technology adoption, and continuous R&D innovation, KP Group is poised to further consolidate its leadership in India's renewable energy sector. The company remains committed to **maximizing generation, reducing costs, and delivering sustainable long-term value** to its stakeholders.

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.

K.P. Energy Limited

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