



# Orient Energy Systems (Pvt.) Ltd.™

**27**  
years since 1996  
**OF SERVICE  
EXCELLENCE**

## SUCCESS STORIES

### OES Empowers Pakistan with Cutting-Edge Wind Energy Solution

Sailing on May 24th, the shipment of 38.4 MW of advanced wind turbines (8 turbines, each 4.8 MW) marks a significant milestone in Pakistan's renewable energy landscape.

These will be the tallest in Pakistan once installed, demonstrating our commitment to innovation and sustainability. OES is responsible for the complete installation of these turbines, ensuring they are seamlessly integrated into the client's existing network.

Beyond installation, OES provides comprehensive design services, including the development of a sophisticated Microgrid. This cutting-edge system will manage all available power generation sources, guaranteeing a stable and cost-effective power supply to the customer.

By spearheading this project, OES is not only contributing to renewable energy goals worldwide but also demonstrating its leadership in delivering high-quality, reliable, and efficient energy solutions. Once in operation, it will reduce CO2 emissions by up to 63,000 tons /year.



## Successful ESM2 Upgrades of L7044GSI Engines at Multiple Locations in Sawan and Kadanwari

Working with organizations and individuals whose goals align with OES is always a privilege. These partners, like United Energy Pakistan, understand the equipment life cycle, strive to improve engine efficiency, and are committed to achieving desired results. OES has been entrusted with the crucial tasks of overhauling, troubleshooting and upgrades to ensure optimal performance.

Recently, OES successfully completed the ESM2 upgrades of L7044GSI Engines at five different locations in Sawan and Kadanwari. Our scope included the supply, installation, testing, and commissioning of the complete system.

We managed to complete the project within the stipulated time frame without any failures. This achievement underscores our commitment to excellence and innovation in Waukesha product upgrades.



## Successful Longblock Upgradation of Two Gas Generators: A Milestone in Excellence and Sustainability

We are delighted to announce the successful completion of Longblock Upgradation for QTY-2 Gas generators! This achievement indicates a major milestone for us and represents a significant step forward in our dedication to excellence and sustainability.



- > Increased capacity by approximately 30%
- > Enhanced reliability, ensuring seamless operations.
- > Improved gas consumption efficiency, contributing to cost savings and sustainability objectives.
- > Reduced reliance on external power sources leads to decreased dependency and operational risks, resulting in a positive financial impact.





These enhancements are in perfect alignment with client's strategic objectives, demonstrating our commitment to reducing environmental impact while optimising operations. The expertise, teamwork and unwavering commitment of OES and client teams have played a pivotal role in achieving this project's success. Together, we have showcased our ability to innovate, adapt and achieve remarkable results.



## OES Partnership: Installation of 5.8 MW Solar System

At OES, we are driven by a vision of excellence and powered by engineering innovation. The partnership with Maqbool Textile Mills Limited highlights our dedication to quality, efficiency and customer satisfaction.

We are excited to announce a major achievement in our journey towards sustainable energy solutions! OES has signed a contract to install and commission a 5.8 MW Solar System. This on-grid system ensures a seamless energy flow and promises significant cost savings and returns for the business.

This project is a significant step in our commitment to innovative and sustainable energy solutions. With the strong support of the key management of Maqbool Group, we are confident in our ability to deliver efficient energy solutions that meet and exceed expectations.



## Adam Milk Foods Enhances Operations with Cummins Diesel Generator Acquisition

The partnership between OES and the food industry is well-established, and Cummins' trusted portfolio, coupled with OES's quality services, forms a dynamic duo in Pakistan's food industry. This collaboration ensures the uninterrupted operation of power generation lines, a critical aspect for operating businesses in the sector.

In a strategic move to ensure uninterrupted operations, Adam Milk Foods, a renowned dairy foods producer with an extensive distribution and sales network, has recently acquired a 1250kVA Cummins Diesel Generator Set. This decision reflects their commitment to reliability and efficiency. Opting for OES and Cummins, recognized as market leaders in diesel gensets for multiple decades, underscores Adam Milk Foods' dedication to quality and innovation in their production processes.



## EXHIBITIONS AND AWARENESS PROGRAMS

### Highlights from the 29th HVACR International Expo and Conference

The 29th HVACR International Expo and Conference concluded as a resounding success, instilling us with optimism and enthusiasm for the future of HVACR in Pakistan.

Our booth garnered significant attention from visitors keen on discovering the latest innovations and technologies within the industry. Over the course of three days, we showcased our newest advancements in HVACR technology, engaging with industry leaders and exploring cutting-edge solutions. At OES, we remain committed to driving growth, fostering innovation and promoting sustainability within the HVACR industry. We eagerly anticipate continuing this journey in the years ahead.





## OES and INNIO Group Jenbacher Gas Engine Seminar 2024

OES and INNIO Group Jenbacher Gas Engine Seminar 2024 showcased cutting-edge technology and innovative solutions from INNIO Jenbacher, providing attendees with valuable insights into the latest advancements. This seminar offered a unique networking platform for clients, enhancing collaboration and fostering industry connections, while highlighting the significant impact and advantages of using state-of-the-art technology.

### INNIO SEMINAR AT KARACHI









## TRAINING AND DEVELOPMENT

### Training Initiative for Enhanced Operational Efficiency at CBL Crescent Bahuman Ltd.

In alignment with the shared core values of operational proficiency and resource optimisation between OES and CBL, Orient reaffirms its commitment to maximising product efficiency through comprehensive training. Recently, Operation Staff at CBL Crescent Bahuman Ltd. underwent training on Engine Start/Stop Procedure, Jenbacher Gas Engine Boundary Conditions, Lube Oil Management, Overview of Cooling Water, and Critical Alarms Handling. This dedication to excellence ensures that products perform at their best and resources are utilised optimally, fostering mutual success.



### Celebrating World Environment Day with our commitment to sustainable energy solutions! Let's work together for a greener future.

