



## Orient Energy Systems



**28**  
years since 1996  
**OF SERVICE**  
**EXCELLENCE**

## SUCCESS STORIES

### Lucky Cement Hybrid Project: A New Chapter in Renewable Energy

OES is proud to be the pioneer of wind energy solutions in captive power market in Pakistan. OES one window solution includes complete civil and electrical studies and design, feasibility studies, planning, procurement, project management, construction, installation and testing/commissioning along with Microgrid, which will ensure smooth operation of Wind power within customer existing electrical network.

We are pleased to announce that OES has successfully completed the erection and installation of 38.8 MW of wind power encompassing 2 projects: one with six turbines and another with two turbines, for a total of eight 4.8 MW Goldwind turbines. Our team demonstrated exceptional expertise and commitment, completing the project with zero incidents while upholding the highest safety standards. This achievement marks another milestone for OES, following the successful completion of our previous 460 MW wind projects.

Our commitment to service excellence ensures that we deliver innovative, efficient, and reliable renewable energy solutions that set the standard in the industry.





## Major Overhauling for M/S OGDCL Kunnar Successfully Completed

OES, with its industry-leading expertise in engine overhauls, specializes in delivering high-performance solutions with a focus on reliability and precision. We understand the importance of ensuring engines operate at their peak, which is why we provide comprehensive analysis and tailored services to meet our clients' needs.

We are proud to announce the successful completion of an F-3524 GSI engine overhaul for our valued client, OGDCL Official Kunnar, at our state-of-the-art workshop. Our experienced team meticulously restored the engine, enhancing its performance and efficiency. Using advanced tools and techniques, we completed the project ahead of schedule, reinforcing our commitment to quality service and customer satisfaction.



## OES, Pharmagen Ltd and SAMI Pharmaceuticals join forces for solar solutions

Leading the Way in Pharmaceutical Sustainability: OES, Pharmagen Limited, and SAMI Pharmaceuticals (Pvt.) Ltd have collaborated towards a greener future by signing two new solar projects, totaling 1.5 MW. OES is going to provide Pharmagen Limited and SAMI Pharmaceuticals (Pvt.) Ltd. with a complete solar system solution. This will reduce the overall operational cost of running their businesses and represents a long-term investment in sustainability. These initiatives underscore their dedication to sustainability and also setting a benchmark for others in the pharmaceutical industry to aspire to.



## Introducing Titan: Revolutionising Construction and Infrastructure in Pakistan

Our Titan is set to revolutionise construction and infrastructure development across Pakistan. Whether it's high-rise buildings, wind turbines or massive infrastructure projects, this powerful crane is ready to lift the nation's ambitions to new heights!



- **Maximum Lifting Capacity:** Can lift up to 800 tons, with a maximum height of 165.2 meters for heavy-duty applications like wind turbine installation.
- **Flexible Boom Options:** Offers boom lengths from 39 to 171 meters, depending on the configuration, including a special 7-meter wind power jib.
- **Transportability:** Components weigh under 44 tons, allowing for easier road transport and compliance with global transport regulations.
- **Precision and Efficiency:** Features micro-positioning for accurate lifts, ideal for complex tasks in the wind energy sector.
- **Smart Monitoring:** Includes remote diagnostics, self-monitoring, and maintenance alerts to optimize performance.

## Celebrating 3 Million Safe Man-Hours: A Milestone in Safety Excellence

OES is proud to announce that our O&M Wind sites have achieved a significant milestone of over 3 million safe man-hours without a Lost Time Injury (LTI). This achievement underscores our steadfast dedication to safety, which is integral to every aspect of our work. We continuously invest in rigorous training, safety protocols, and a culture of vigilance to ensure the well-being of our team and the communities we serve.





## TRAINING AND DEVELOPMENT

### Investing in Employee Development: MS Excel Training Program

We are committed to investing in the personal and professional development of our people. To support this goal, we have arranged an in-house MS Excel training program led by our professional trainer. The intermediate and advanced levels of training will not only enhance employees' skills for their tasks but also enable them to share their knowledge with colleagues. This initiative is expected to benefit the overall scope of work and foster a learning atmosphere for everyone involved.



### Electrical Safety Training on NFPA 70E and 70B Empowers Employees

A one-day Electrical Safety training session, based on NFPA 70E, was successfully held, covering key topics such as electrical hazard identification, shock risk assessment, and arc flash causes. Participants were introduced to essential safety practices, including the development of an Electrical Safety Program, safe work practices on live systems, and the importance of Job Hazard Analysis (JHA). The session also addressed OSHA regulations, NFPA 70B guidelines for preventive maintenance, and the role of PPE. The training concluded with a final evaluation to ensure comprehensive understanding and safe workplace practices.



## Strengthening Collaboration: IDAP Team Visits OES Lahore Facility

OES recently welcomed a team from the Infrastructure Development Authority of Punjab (IDAP) to our Lahore office and workshop. As a key client in Cummins Inc. Diesel Gensets sector, IDAP plays a crucial role in executing major infrastructure projects across Punjab with efficiency, transparency, and quality.

During their visit, IDAP team had the opportunity to observe our operations closely, gaining insights into our commitment to quality and excellence in serving the needs of Punjab Government Hospitals, commercial buildings, and other critical infrastructure. The visit also facilitated valuable discussions on how our expertise aligns with IDAP's objectives, particularly in energy infrastructure, public health, and housing sectors. The visit further strengthens the collaboration between OES and IDAP, ensuring that we continue to support their mission of delivering high-quality infrastructure projects across Punjab.



## Summer internships 2024



OES empowers interns with exposure to every aspect of the organization, ensuring they feel valued and leave with substantial learning and expertise in their respective areas. Our summer internship program embodies our commitment to the 'Learning and Power for All' motto.

