



**Orient Energy Systems (Pvt.) Ltd.™**



## SUCCESS STORIES

### Installation & Commissioning of 8.8 MW, Jenbacher Gas Generators Sets at Liberty Mills Limited.

OES was awarded a project to supply and provide installation & commissioning of 8.8 MW, Jenbacher 02 x JMS 624 @ 11kV gas generator sets Liberty Mills Limited, Nooriabad through competitive bidding.

This was a fast track project where OES trained and skilled team members brought another feather to OES cap by completing this project only within a span of 2 months, which indeed is a remarkable achievement in the power generation industry.

Our scope involved engineering and installation of Exhaust System, Fuel Gas System, Cooling Water System, Lube Oil System, Ventilation System, Control Panels, MCC Panels, Cable Tray Network, Earth interconnection system, Laying and termination of MV & LV Power and Control cables, MV & LV Cables Testing (Hipot & Megger) and Commissioning of Gas Generator sets



### Procurement of latest technology and fuel-efficient gas engine Long Block by Mekotex (Pvt) Ltd.

To choose reliable source of power generation, Mekotex (Pvt.) Limited Kotri decided to procure latest technology and fuel-efficient gas engine Long Block from OES. Proficient technical evaluation and accurate financial feasibility provided by OES team with extraordinary commitment to customer has made OES a number 1 choice in the field of power generation.

Complete supply and installation of 2 x 620J Engine Long Block has been provided by OES



## EBOP Installation, Testing & Commissioning of 50MW Wind Power Project

OES scope involved erection, installation, testing and commissioning of 02x31.5/40/50MVA Power Transformer with nitrogen fire protection system.

Our team was responsible for providing AIS, Reactive Power Compensation Equipment, AIS Installation, Metering System, MV Switch gears, Aux. Transformer, Earthing Transformer, Neutral Grounding Resistor, Switch gears, Battery Banks, Control & Protection System, Telecom & Scada System, Underground MV Cable Laying and termination, LV & Control Cable Laying and termination, Building Electrification and also CCTV and Fire Alarm system installation



## Completion of Installation & Supervision of two 50MW Wind turbines Jhimpir, Sindh



Orient Energy System, has successfully completed the installation supervision of wind turbines at two 50MW Wind Projects namely DIN and Liberty-I wind power plant at Jhimpir, Sindh

The aforementioned projects are part of larger portfolio of wind projects for which OES is rendering its services to SGRE. The portfolio includes 8 Wind Project of cumulative capacity of 410 MW.

Out of which 4 projects have been completed in record time by the OES wind energy team. OES scope included the QC inspections of equipment, technical supervision of WTC installation & testing commissioning works of SGRE wind turbines. The said projects has been completed while maintaining the SGRE protocols, Zero Harm Policy and HSE compliance.

## Brackish Water Reverse Osmosis Plant Union Fabrics Pvt. Ltd, SITE industrial

OES managed to set up Brackish Water Reverse Osmosis Plant Union Fabrics Pvt. Ltd, SITE industrial area successfully with (Reject Water RO 68,000 Gallons per Day).

Our Industrial Reverse Osmosis Plants are carefully customized and configured to suit the individual requirement of the output water, which varies from normal drinking application to the specific usage, such as food processing, pharmaceuticals and boiler feeding requirement.

OES scope was to supply, installation, testing & commissioning of complete system. The RO is designed on reject water having TDS (Total Dissolved solids) up to 12,000ppm, overall recovery from Reverse Osmosis Plants is about 60% which reflects the efficiency of OES magnificent team and its complete system. The water is being utilized in dyeing, boiler and multiple utility purposes by Union Fabrics (Pvt.) Ltd.



## Achieved its highest major overhauling landmark in OES Workshop- Cummins Diesel Gen Sets

OES outstanding customer service has played a pivotal role in making OES the market leader. Our loyal and regular clients are a prime example of efforts our team has put in by being available 24/7 to cater to their needs.

OES has achieved a milestone by overhauling 73 Cummins Diesel Gen-Set, highest number of engine overhaul in the year 2021. The remarkable team work of OES after sales, parts, workshop and technical support has helped OES achieve this goal, with zero redo jobs.

Our dedicated team is manifesting to unlock an unprecedented target in the year, 2022 by covering major ratings of Diesel Generators in Pakistan Territory.



## Recognition of Continuous Collaboration by Cummins in Telecom / Data Centre Infrastructure sector of Pakistan

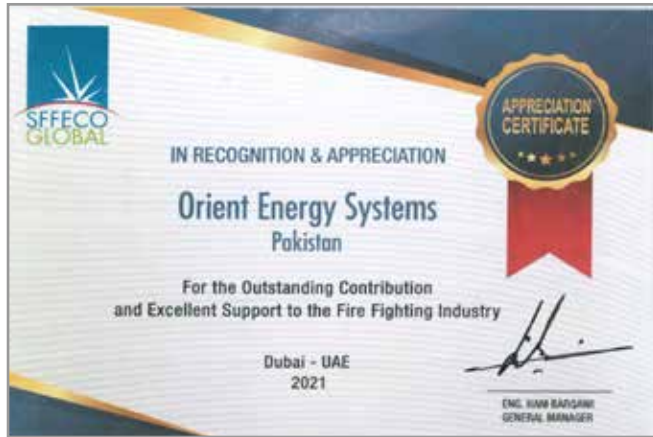
To enhance the business in Telecom / Data Centre Infrastructure sector of Pakistan, Cummins Inc. and Orient Energy Systems Pvt. Ltd. arranged an Online Session for "Recognition of Continuous Collaboration" and latest Product Introduction for one of our valuable client and Telecom / Data Centre Infrastructure provider in Pakistan CNS Engineering.

In the event, Cummins Power Generation experts presented latest development in the Telecom/Data Centre related products. They also presented the capability of Cummins to work in Telecom/Data Centre with the collaboration of OES in Pakistan from application to engineered design for complex Designing/Installation. They also highlighted some of the largest International Data Centre references projects in which Cummins Power Generation provided solutions.



## International Fire and Security exhibition at Dubai by SFFECO

During the International Fire and Security exhibition at Dubai, our Fire and Security Division was presented with a shield by SFFECO owner and chairman Mr. Hadi Alkhateeb



Orient has contributed to the industry by providing best solutions according to international standards enabling major exporters to fulfil all the stringent compliance requirements of buyers. We are confident to keep the growth at the same phenomenal rate in the forthcoming years.

## Supply of high grade Stainless Steel pumps to RCB chemicals

RCB Chemicals is a leading supplier of water treatment chemicals and manufacturer of RO plants with head office in Lahore.

OES was awarded a project to supply the high grade Stainless Steel pumps to RCB chemicals for their new RO plant requirement at Sitara Chemicals.

OES scope of supply included supply of Grundfos high pressure SS-316/304 (CRN/CR) series pumps which are especially designed for the reverse osmosis plant application.

Grundfos CR/CRN pumps are vertical multistage pumps suitable for water filtration and reverse osmosis systems, further; CR, CRN handles a variety of liquids from potable water to industrial liquids within a very wide temperature, flow and pressure scale.

The pumps used for the RO plant are CRN 64-6 37kW units & CRN 45-6 22KW units, used as a high pressure pumps, and CR15-5 4KW units as a feed Pump and CRN 32-3 5.5KW used for cleaning.



## RECREATIONAL ACTIVITIES

Matches Start from  
**February 19th Saturday, 2022**

Quarters, semis & final will be played on  
**February 26th Saturday, 2022**

Please join us at the designated cricket stadium

# OES 9TH SUPER LEAGUE 2022

TEAMS IN TOURNAMENT

OES LIONS	ORM BULLS	OES WOLVES	OES AVENGERS
ORM FOUNDATION	OES FIGHTERS	OES STRENGTH	OES GLADIATORS