



Orient Energy Systems (Pvt.) Ltd.™

Message from Management

We thank all of you for your great support, positivity, hard work, collaboration, determination, and most importantly, for providing exceptional services with utmost dedication and enthusiasm. We are proud and inspired by the way our company has risen to the challenges we have witnessed over the past year and eager for our growth in the year ahead.

Blessings to you and your family and wish you all a Happy New Year!!



SUCCESS STORIES

OES FZCO - Ajman Municipality, Sewage Treatment Plant 2.4 MW Power Output

OES in collaboration with Besix, a renowned construction group provided one window solution to Ajman municipality for Innio - Jenbacher Sewage gas engines model JMC 416, each 1.2 MW, total installed capacity is 2.4 MW.

As a result of Sewage Treatment Process, sewage gas 900 Nm³/hr. generated, normally in other Waste Water treatment this gas is flared. Sewage gas composition is 50 % + Methane and 40 % + Ethane. Innio Jenbacher sewage gas engines are specially designed to burn this composition of this gas efficiently with waste heat recovery overall plant efficiency is +85%.

Worldwide population of Innio Jenbacher on sewage gas is +325 MW installed worldwide. OES has provided complete solution including supply of gensets, installation supervision, testing and commissioning. The power from gensets will be used for Sewage plant load demand and surplus power can be exported to local grid.

This is first Jenbacher sewage gas to power installation in UAE and OES is proud to be a part of the sustainable project.



Supply, installation, testing & commissioning of Cummins Power Generators at Mobilink Jazz (Lahore)

OES has completed another supply, installation, testing, commissioning project of brand new Diesel Engine driven Cummins 500kVA generator in Lahore at one of our extremely prestigious telco customer Mobilink Jazz.

Regardless of the power system architecture required to meet your market or application needs Cummins provides a superior combination of solution design expertise and integrated equipments to help you maintain a resilient operation at your site.



After successfully completing previous projects of Cummins Power Generation 1500kVA x 06 (nationwide) to same customer, it is of great pleasure to serve them again as their trust on our product and services has helped us establish long-term relationships.

OES engineering and sales teams have collaborated on this project to manage deliverables effectively and efficiently.



Empowering green energy through OES Solar Power

OES understands the importance of renewable energy as it replaces the negative effects of fossil fuels with more environmentally-friendly alternatives. OES has always pitched the idea to its clientele to move towards clean and green energy as OES renewable portfolio offers multiple services with all and every kind of solutions.



OES is proud to have contributed towards the energy demands of

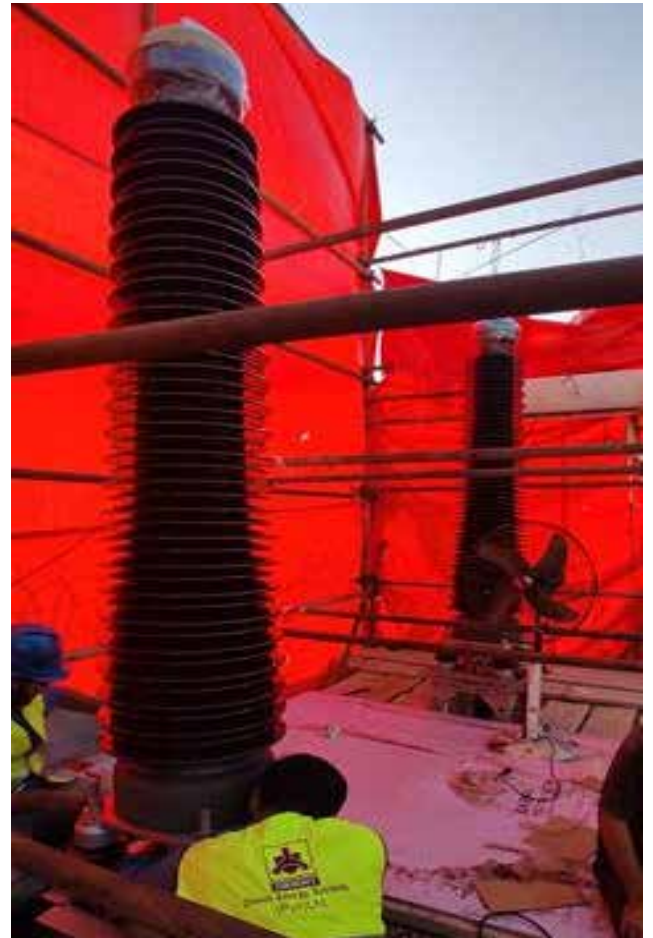
1. Mian Nazir Sons Industries. Orient Energy Systems (Pvt.) Ltd. have commissioned 1MWp solar-powered system at Mian Nazir's premises which will reduce their dependency on the generation of energy from fossil fuel.
2. OES takes pride in partnering up with Service Industries Limited to add up to their vision of sustainable renewable energy with a 2 MWs solar power plant. This system will produce 2400 MWh of clean energy per year with reduction of 4200 tons of carbon dioxide.
3. OES 5MW and 2MW ground mounted solar plants are currently being installed at Power Cement located at Nooriabad. This project shall produce 200GWh and off-set upto 12,000 tons of CO₂. The project is awarded to OES by Burj Capital and is funded by syndicated Islamic finance facility from Meezan bank.
4. Nagina Group has installed 1MW Solar System at its weaving production company "Prosperity Weaving Mills Limited". This system has achieved 1400 MWh of clean energy for 1st year with reduction of 3200 tons of carbon dioxide



EPC Project of 132kV Power Cable Laying and CSE Termination Work at DHA IV Grid Station:

(FWO) Frontier Works Organisation and OES remains committed to their motto of sustaining OES is proud to have contributed towards the energy demands of Karachi City. We have managed to complete EPC project including the laying of 132kV XLPE power cable and outdoor cable sealing end termination work at DHA IV Grid Station's premises which will help K-Electric enhance their power distribution network. OES has supplied 132kV 630sqmm XLPE power cable & termination accessories from our principal manufacturer M/s. TBEA. excellence with integrity, sincerity and takes pride in cultivating the culture of quality work.

OES is proud to announce that we have concluded a deal of supply 08 Mobile Cranes of 30 and 55-tons capacity to FWO who is the biggest buyer of construction equipments in Pakistan.



Fire Fighting Pumping System - SFFECO

OES has managed to secure two UL/FM Diesel Engine & Electric Motor driven Fire Fighting Pumping system contracts of Masood Textile Mills Ltd. Faisalabad and EBM Karachi 1000 usgpm @ 10 bar and 750 usgpm @ 14 bar along with the establishment of LCs.

Each version of SFFECO product is designed to attract a different market segment with the intention of maximising sales and building the customer base.



EXHIBITIONS & SEMINARS

Metro (60 MW) & Gul Ahmed (50 MW) Wind Power Projects Inauguration Ceremony

OES participated in 60MW Metro & 50MW Gul Ahmed Electric inauguration ceremony on 30th November and received award on successful completion of Erection Supervision, Testing & Commissioning and electrical installation of substation at Metro & Gul-Ahmed Wind Power Projects.

The Honourable Federal Minister of Power and Energy Mr. Khurram Dastgir H.E. Ms. Sarah Mooney, Deputy Trade Commissioner and Director Trade at British International Investment (BII) and Mr. Danish Iqbal Alimohamed Chairman of Metro & Gul-Ahmed Wind Project appreciated the services of OES for the completion of two projects.



Pak Water and Energy Expo

OES participated in Pak Water & Energy Expo held at Karachi Expo Center from 4th October to 6th October 2022. The exhibition provides excellent opportunities to all users of water as energy to keep themselves abreast of the latest advancements in their particular field.

OES Water Division offers variety of services and products including but not limited to Brackish and Sea Water Reverse Osmosis Plants, Recycling Plant, Waste Water Treatment Plant, DI Plant, Water Softening Plant, Side Stream Filtration, Imported Filtration Media, Membranes and Filters, Chemicals etc.



INDUSTRIAL COLLABORATION

Industrial Partnership with DHA Suffa University

OES believes in building partnerships with local universities, recently Department of Mechanical Engineering from DHA Suffa University collaborated with us for technical projects and research initiatives.

Meeting emerging talent and perform research about real mechanical engineering and discuss energy issues also allows OES foster new aptitude. Dean Dr. Ahmed Hussain also appreciated OES for facilitating their students with advance case studies and experiences.



20th Contractors' Senior Management HSE Workshop - Eni Pakistan

In order to strengthen OES continual engagement with customers, we attended one of the most prestigious communication initiatives of the year, Contractors' Senior Management HSE Workshop conducted by Eni Energies et Services on 14th December, 2022 at Marriot Hotels Karachi.

During the workshop OES Innio (Jenbacher) Service team received an appreciation shield from Mr Paolo Giraudi (MD ENI Pakistan Ltd.) for conducting the outstanding research and presentation.



TRAINING

In-House Microsoft Training Program

In OES, we consolidate learning by training each other, which occurs more organically and efficiently. Recently OES arranged MS. Office training program for its team members in our Head Office. Training program was curated keeping in mind training needs assessment of our people.

With frequent In-house training programs, OES is able to customize training to the exact company needs, adapt to the needs of trainees during delivery if needed, improves internal communication, fosters team building and better working relationships.



WTG Blades Inspection & Repair

Our group of highly skilled and experienced technicians are available to provide the following services:

- Blade inspection and repair
- Blade repair and replacement
- Blade painting and protection
- Blade balancing and alignment
- Blade replacement

CALL NOW OFFERING DISCOUNTS ON ALL SERVICES

UANI YR 507 507

GWO TRAINING

Get your seat in our GWO training courses. We offer Basic Safety Training and DST refresher courses in Pakistan with internationally certified trainer.

GET YOUR SEAT IN OUR GWO TRAINING COURSES

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TRAINING AND DEVELOPMENT

We provide training in the following areas:

- Quality Management System (QMS)
- Environmental Management System (EMS)
- Social Responsibility Management System (SRMS)
- Health and Safety Management System (HSMS)
- Leadership Development
- Project Management
- Human Resource Management

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QHSS SERVICES

Our group of highly skilled and experienced technicians are available to provide the following services:

- Quality Management System (QMS)
- Environmental Management System (EMS)
- Social Responsibility Management System (SRMS)
- Health and Safety Management System (HSMS)
- Leadership Development
- Project Management
- Human Resource Management

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SOCIAL COMPLIANCE MANAGEMENT SYSTEM

Our group of highly skilled and experienced technicians are available to provide the following services:

- Quality Management System (QMS)
- Environmental Management System (EMS)
- Social Responsibility Management System (SRMS)
- Health and Safety Management System (HSMS)
- Leadership Development
- Project Management
- Human Resource Management

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ENVIRONMENTAL MANAGEMENT SYSTEM

Our group of highly skilled and experienced technicians are available to provide the following services:

- Quality Management System (QMS)
- Environmental Management System (EMS)
- Social Responsibility Management System (SRMS)
- Health and Safety Management System (HSMS)
- Leadership Development
- Project Management
- Human Resource Management

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HEALTH AND SAFETY MANAGEMENT

Our group of highly skilled and experienced technicians are available to provide the following services:

- Quality Management System (QMS)
- Environmental Management System (EMS)
- Social Responsibility Management System (SRMS)
- Health and Safety Management System (HSMS)
- Leadership Development
- Project Management
- Human Resource Management

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