



**Universal  
Engineering  
Services LLC**



# Universal Engineering Services

Universal Engineering Services LLC (UES), is the sole authorised agents for Cummins Power Generation, After Sales Services and Cummins Filtration (Fleet guard Filters). Cummins Power Generation is the leading manufacturer of reciprocating engine based power solutions and has a Global presence.

We commenced our operations in 1980 with supply, turnkey installation and operation & maintenance services of medium to high capacity Diesel Electric Generators, Diesel Engines & Gas Engines.

UES has a dominant and nationwide market presence with an installed population of more than 2500 Diesel Generators/ Diesel Engines of various capacities and applications. Our client base includes all Ministries in Oman, Telecom Companies, OAMC and almost all the Oil & Gas companies such as PDO, Oxy, BP Oman and Orpic. Cummins Diesel Electric Generator range varies from 17 kVA to 3750 kVA. Multiple Generators can be installed for higher power requirement.

The full-fledged Service Workshop & Parts Warehouse are located in Muscat. A strong service team of 80 Cummins trained professionals is available round the clock. We maintain high inventory of capital spares, fast moving spares & consumables to serve our valued customers.

## ISO Accreditation

The exclusive Quality Management System has certified UES with ISO 9001-2015 for Supply, Installation, Testing & Commissioning of Electrical & Mechanical Equipments.



## VALUES

### Integrity

- Support for doing the right thing.
- Keep promises even if it takes extra effort.
- Won't turn our backs towards something wrong or unsafe.
- Take responsibility and be accountable for all our words and deeds.

### Excellence

- Keep raising the bar.
- Go the extra mile to deliver the best.
- Be self-motivated.
- Strive to innovate and create.

### Commitment

- Committed to ensure safety for everyone.
- Encourage employees to achieve their maximum potential.
- Work towards exceeding customer expectations.
- Appreciate the skills and abilities of others.
- Extra care for actions that affect the community we live in.

### Teamwork

- We are one.
- Listen to and learn from each other.
- Work with enthusiasm and appreciation.
- Combine our expertise and knowledge.

## VISION

To be the region's first choice organisation by exceeding the expectations of our clients, offering a bright career path to employees and ensuring sustainable growth for the community while preserving the environment

## MISSION

Excellence in sales, execution and services with focus on customer satisfaction; care for employees, community & environment and sustainable growth

## Sales

With a highly experienced, customer focused sales team, UES will ensure that you are provided with a complete solution in diesel power generation; from assessments and site surveys through to a fully engineered solution. Your total generator solution will be facilitated by UES Project Engineers and Site Managers, as well as an in-house specialist electrical and mechanical installation team.

With Cummins diesel generator sets ranging from 17kVA to 3750kVA prime rated single units or large multi-parallel

Fully Integrated, Better Performance & More Power. Upto 3750 kVA



systems for high power of high availability requirements, the generator sales team can provide you with the optimum power supply solution. Our Cummins range of generators, enclosures, fuel and control systems means that your power needs will be matched completely.

Additional benefits to choosing UES to provide your power solution include project management expertise, an experienced electrical and mechanical engineering team and new purpose built generator testing and servicing facilities.

Cummins QSK95 Upto 4400 HP



## Equipment sales

- Cummins Diesel Gensets rated 17 to 3750 kva in open and enclosed configurations.
- Cummins gas Gensets rated 350 to 2000 Kva in open and enclosed configurations. Suitable for 50 Deg C conditions.
- Available for 55 deg C also.
- Cummins Marine propulsion engines rated 105 HP to 4500 HP.
- Cummins Oil and Gas Equipment power Rigs, SCR, wire drawing, Mud pumps, etc.
- Cummins Engines for Industrial and Automotive application in rating range 41 HP to 4400 HP.

## Parts business

- 99% inventory availability of fast moving Parts and Consumables, 70% Capital spares.
- Software based inventory stocking system.
- Online ordering system with Cummins.
- Visibility of parts inventory in any Cummins Parts Distribution Centers Globally.
- Parts outlets at Muscat, Sohar Duqum and Salalah.

## Fleetguard Filters and Coolant

UES is the authorized distributors for Cummins Filtration Inc. "Fleetguard Filters" in Oman since 1980. All supplied products benefit from Fleet guard's OEM associations and QS 9000/ ISO 9001/ TS16949 standards.

## Valvoline Cummins Premium Blue Engine oil

The Valvoline Premium Blue™ engine oil is exclusively blended for Cummins engines and is recommended and endorsed by Cummins.

**Fleetguard®**

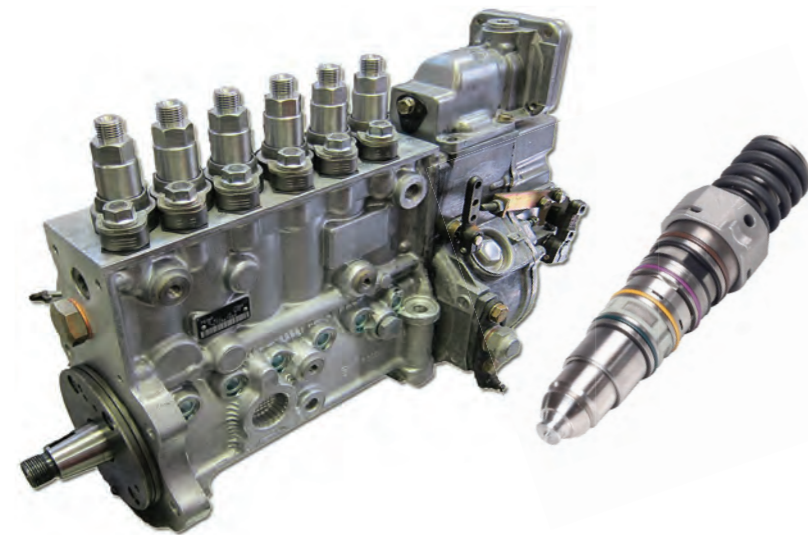




## Service & Maintenance

### Fuel system repairs

We undertake the repair and re-calibration of all types of Cummins fuel pumps and Injectors installed on the complete range of Cummins Diesel Engines, all the repair procedures and the calibration codes are provided by the Cummins.



### Component repairs

Major and minor repair of engine components are carried out in the control environment at our Misfah facility by technicians who are trained and certified by Cummins in their respective fields.

### Overhaul

All our Technicians are Cummins trained and Certified. They are trained to use the latest electronic tools and follow rebuild procedures as recommended and specified by Cummins.

Major and Minor Overhauls of the Cummins Engines/ Generators are carried out in our workshop or at site depending upon client's preference.



## Motor Rewinding, Overhaul and Refurbishment



- Rewinding, Repairing & Overhauling of AC/DC HV/LV Motors
- Rewinding, Overhauling of Alternators & Generators upto 100 MW
- Varnishing & Insulation Improvement



- Dynamic Balancing upto 14 ton Vibration Analysis & Condition Monitoring
- Surge, Insulation & High Voltage Testing
- Core Loss Testing; Current Balance testing



- Preventive Maintenance Contracts
- Removal, Overhaul, Repair, Re-Insulation & alignment of motors & Alternators.
- Fault finding on all types of Electrical Motors
- Current Injection Testing of Circuit Breakers



- Replacement of Rotor bars in Cage Rotors
- Replacement of Motor Stampings
- Repair and Manufacture of slip Rings
- Commutator Repair and Replacement



- Replacement of complete stator core packings with new suitable core material
- Re-varnishing and Re-stacking worn stampings
- Armature Winding and Stator Core Re Building
- Armature Winding & Stator Core Re-Building

24/7 Site Breakdown Services

Motor Condition Monitoring

Checking for any fault on all Electrical Equipment

## Annual Maintenance Contract

AMC can be comprehensive or Non-comprehensive.

- Monthly visit
- Quarterly visit
- Bi Annual visit
- Experts visit for health check
- Customized

Contracts with / without parts are also undertaken.





## Power on Rent

Rental Generators from Cummins ranging from 20 KVA to 1250 KVA are available for short term and long term needs. We cater to all types of requirements including prime, backup or standby/peaking power.

### Sectors

- Construction
- Oil & Gas
- Grid Power
- Industrial
- Telecom
- Hospitals & Hotels
- Shutdown jobs
- Stand by

### Advantages

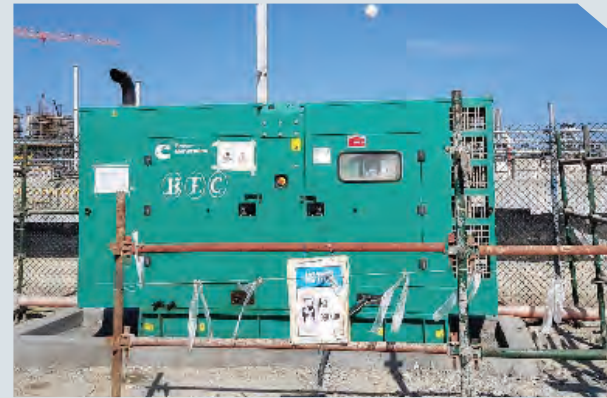
- Design and Site consultation
- Site based operations and troubleshooting
- 24 X 7 on call support
- On-site factory trained professionals, operators and technicians
- Cummins Fleet- Availability of spares
- Stock and Immediate deliveries

### Equipment & Accessories

- Generator Set
- Fuel Tank
- Cables
- Distribution Boards

### Power Range

- From 20 kVA to 1250 Kva Units



## Service facility



Genset Load test upto 2,500 KVA,  
415V @pf 0.8 or 1.0



Insitu Genset Load test upto 3,500 KVA,  
415V /11KV / 6.6KV @pf 0.8 or 1.0



## Major Installations



40 MVA Standby Power at Muscat International Airport and Salalah Airport.



Standby Power at Salalah Airport.



Standby Power at Supreme Court building



Mobile Power Pack. 1 MW supplied to RAECO. Multiple units were supplied. Each can parallel with utility or any other generator and run on Load Govern mode.



Backup generator with Fire detection and suppression system thermostatic controlled cooling system and complex utility changeover control with bump less restoration at PDO Mina Al Fahal.



6 nos. 2500 kVA, 11 kV generator with automatic load management and with bump less restoration at RGO complex



## **Sales**

Equipment sales  
Parts business  
Control Panels  
DeepSea Panels  
Oil and Coolant sales

## **Service & Maintenance**

Major and Minor Engine Repair Work  
Fuel System Work  
Top End and Major Engine Overhaul  
Annual Maintenance Contract

## **Projects**

Diesel & Gas Engine based Power Plants

## **Motor Rewinding, Overhaul and Refurbishment**

## **Power on Rent**



### **Universal Engineering Services LLC**

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