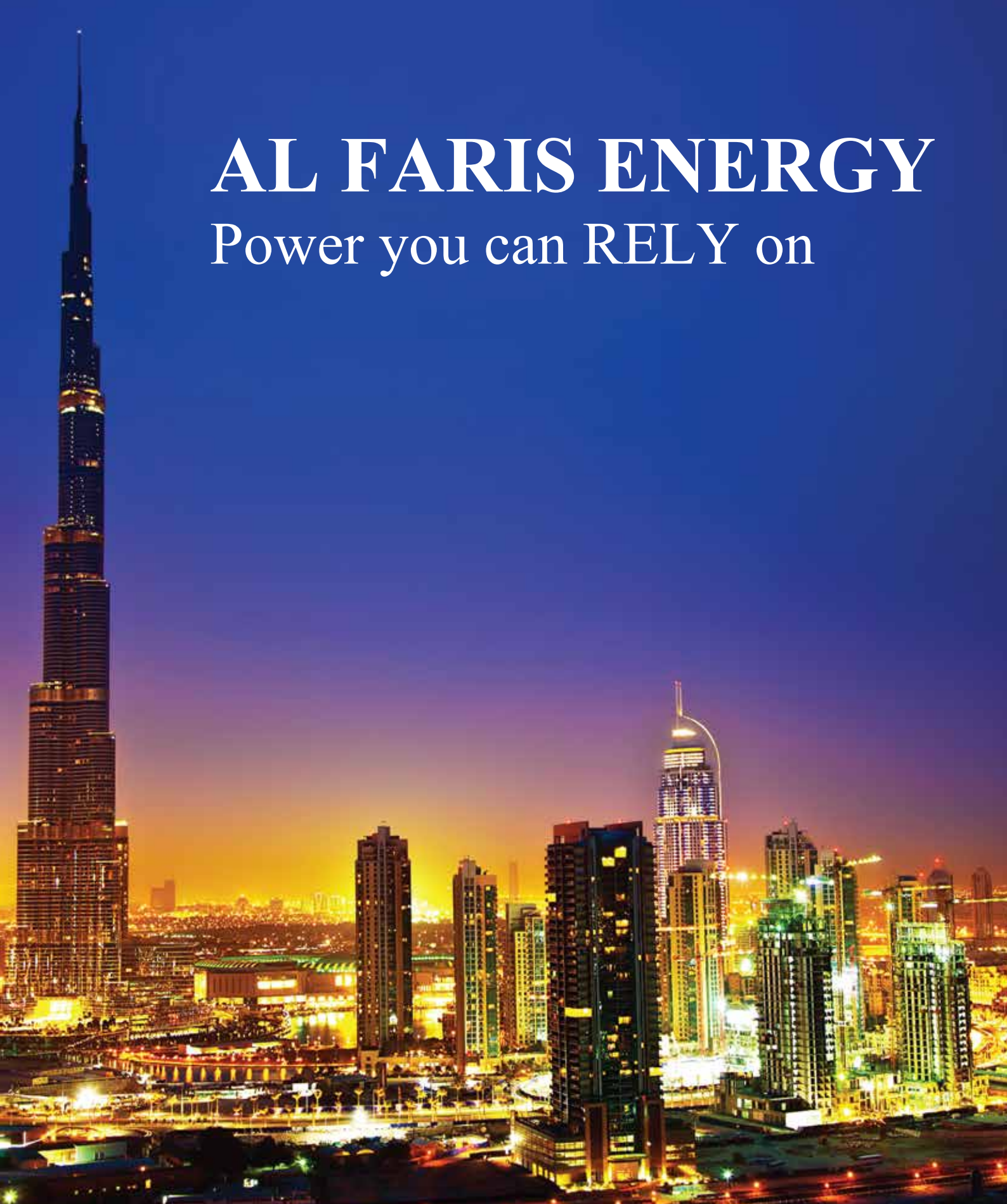


AL FARIS ENERGY

Power you can RELY on



- ❖ RENTAL POWER
- ❖ TURNKEY SOLUTIONS
- ❖ INDUSTRY LEADER





AL FARIS ENERGY

INTRODUCTION

Founded in 1992, the **AL FARIS GROUP** has grown alongside the region by evolving to meet the rising demands of our clients, and in the process has become a trusted and reliable partner for lifting, shifting & energy rental solutions. With over 20 years experience serving **MEA**, we have played an integral role in the construction of numerous iconic projects in the region, helping us to cement our position and establish a solid and trusted reputation within the region.

AL FARIS ENERGY provides complete power generation solutions from basic generator rental to total turnkey design, installation, testing and commissioning of multi-megawatt power plants.

AL FARIS ENERGY has extensive experience in Middle East under most punishing ambient conditions (high ambient temperature, humidity, dust, and altitude), yet deliver the customer's desired power.

SOLUTIONS

AL FARIS ENERGY has a qualified and experienced team of design, execution and commissioning Engineers, who can design from concept to ultimately delivering the solution at customer's location. The committed team at **AL FARIS** is highly experienced in handling emergencies to meet customer demand and provide best in class products and services.

AL FARIS ENERGY is fully equipped with a large fleet of Cummins Power Generation, UK diesel generators and accessories to provide total turnkey solutions from 400 V to 34.5 kV, 50/60 Hz, multi-megawatt power plants operated in island or utility paralleled mode. Our fleet consists primarily of high power density, compact footprint 1 mW PowerBox and 20 feet containerized transformer packages delivering 6.3 MVA, 3.3-34.5 kV, 50/60 Hz.

RELIABLE TEMPORARY POWER SOLUTIONS DELIVERED WHEREVER AND WHENEVER YOU NEED





OIL & GAS

SAFE POWER

We provide full range of generators that meet Zone-2 specification requirements. Safety is absolutely critical, therefore our equipment meet stringent safety standards required by top oil & gas clients.

ON TIME DELIVERY

We deliver what we commit every time. Rapid deployment and timely availability are our hallmark. We understand the financial implications of committed delivery. On time delivery is guaranteed.

INDUSTRY

UNIQUE SOLUTIONS

Our application engineers develop solutions to meet the most critical requirement. We understand your need and develop a bespoke solution taking into account your process demand, ensuring the most economical operation.

EXPERIENCED TEAM

Our Team members have extensive experience in oil and gas installations working under demanding conditions. Our core team collectively have over 200 yrs of experience in the rental industry.

INDUSTRY EXPERTISE AND COMPETENT ENGINEERING TEAM





MINING

RELIABLE POWER

Fleet maintenance is key to ensuring reliable operations and our equipment are designed and maintained to withstand the toughest work conditions. They are tested under extreme ambient conditions of high ambient temperature, humidity and dust.

MODULAR PACKAGE

Flexibility is the core of our design strategy, our power plants are modular in design and have the smallest and identical footprint, so power plant capacities are easily increased with minimal impact on the process. Modular package enhances efficient & economical transportation.



UTILITY

UNINTERRUPTED POWER

Our power plants are designed with 55 Deg C rated remote radiators and rugged construction to withstand extreme conditions to ensure uninterrupted Power. Continuous operation is absolutely essential and taken for granted. We make it possible.

PROJECT MANAGEMENT

We provide total turnkey solutions that includes transportation, installation, operation & maintenance. With our in-house capabilities **AL FARIS** possess state of art equipment, trained and experienced team to provide unmatched support for UTILITY paralleled power plant operation.

COMMITTED, BEST IN CLASS EQUIPMENTS AND SERVICES AND RELIABLE SERVICE PROVIDER





EVENTS

PERFORMANCE EXTRAORDINAIRE

Our events Power team put on an extraordinary performance from on-time delivery, right equipment selection, Project Management and Safe Operation. Because the show must go on and we understand No Power = No Show.

VISIBLY INVISIBLE

We ensure that we are not seen or heard. Power is available and not the equipment. Our philosophy has been to provide equipment with the most compact footprint and remain Super Silent. With our full-fledged in-house logistical support we can place our equipment in difficult to reach locations and remain invisible.

COMMISSIONING POWER

COST SAVING POWER

Our services provide the bridge between construction power and utility power. Cost overruns due to missed commissioning or handover deadlines is a very common occurrence. We provide the required power for construction progress into commissioning and handover.

FUEL EFFICIENT OPERATION

The equipment we provide is one of the most fuel efficient in the industry. The generators provided by us are fully built by Cummins Power Generation, UK. The cost savings from a fuel efficient operation can pay for the equipment rental cost.

TRUSTWORTHY PARTNER IN CRITICAL APPLICATIONS





CASE STUDIES



AL FARIS Power Plant for Saudi Polysilicon Plant

SITUATION - Hyundai E&C called in **AL FARIS** to supply a power plant for the commissioning phase of the project. A close working partnership with Cummins Power Generation over the years has provided Al Faris with an in-depth understanding of Cummins products and has helped develop their own full-fledged projects team capable of designing complex rental power plant solutions.

SOLUTION - The power plant was commissioned with an initial capacity of 5 mW in December 2013, with a target of reaching a full installed capacity of 33 mW by May 2014. An interim 15 mW plant was commissioned on March 15, 2014. **AL FARIS** had been thinking ahead and planning for large-scale rental projects of this type, so Cummins Power Generation rental specification 1,000 kW C1250 D2R PowerBox™ generator sets were already in stock in Saudi Arabia. Five of these were initially required to supply 5 mW, 15 nos. for the interim plant and 33 nos. when the full installed capacity was reached.

AL FARIS was able to meet the logistical challenges of a compressed timeline and install a complete plant in a matter of days. As commissioning work on the polysilicon facility proceeded, the power plant was required to provide continuous operation without interruption over a period of several months, including the scheduled capacity enhancement from 15 mW to 33 mW. For this phase of the work, **AL FARIS** designed a solution that utilises a compact 33 kV Ring Main Unit to provide safe electrical isolation during installation.

AL FARIS Power Plant for Qurayyah IPP (Independent Power Plant) Saudi

SITUATION - Qurayyah IPP is the largest IPP in the world - gas and fuel oil fired combined cycle power station. Samsung needed temporary power for the commissioning of Qurayyah IPP Auxiliary System and the GT. The challenge is to supply, install and commissioning of DG power plant within time frame to meet site schedule of GT commissioning.

SOLUTION - With technical details and discussion with Samsung C&T commissioning team, Al Faris proposed 26 mW 13.8 kV 60 Hz power plant for commissioning activities of QIPP. **AL FARIS** deployed modular 1 mW C1250 D2R PowerBox™ gensets along with modular step-up transformer package both in 20 feet containers, and managed to fit in the units in available limited space.

WHY AL FARIS? - Several suppliers offered the temporary power solution but **AL FARIS** was awarded the contract due to superior technical design, compact plant size and meeting tight project deadlines.

- ❖ **TOTAL TURNKEY SOLUTIONS**
- ❖ **OPERATIONAL EXCELLENCE**
- ❖ **CUSTOMER CENTER APPROACH**
- ❖ **MANPOWER AND FINANCIAL STRENGTH**
- ❖ **FLEXIBLE COMMERCIAL TERMS**

PRODUCT RANGE



- Cummins Diesel Generator from 50 to 1500 kVA • Packaged Step-up Transformers up to 7 mVA
- Medium Voltage range from 3.3 kV to 34.5 kV, 50 Hz / 60 Hz
- Bunded Environmental friendly Bulk Fuel Tanks of capacity up to 20,000 imperial gallons
- Distribution Boards, LV & MV Switchgears, LV & MV Power Cables • Light Towers

Large Fleet



Enclosed Soundproof Gensets



PowerBox in 20' ISO Container (1 mW)



Bunded Tanks (Cubes)



20' ISO Fuel Storage Container (5000 IG)



Bulk Storage (20000 IG)



Switchgear (LV)



Switchgear (MV)



Transformer (3.3 kV – 34.5 kV)



Tower Lights



Cables (LV & MV)



SERVICES

- Multi-Megawatt Power Plants of size up to 100 mW • Hybrid Power Solutions with diesel and solar
- Turnkey Solutions including application engineering • Island Mode or Utility Paralleled Operation
- In-house availability of Transport & Cranes • Fuel Management with in-house fuel tankers
- Sizeable team of experienced, skilled and trained manpower



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