



Orange Line
Electricals LLC.

POWERING TOMORROW. DELIVERING TODAY.

LV/MV SWITCHGEAR | AUTOMATION
TRANSFORMERS | E-HOUSE

Supply-led electrical solutions backed by
engineering, integration and EPC execution.



Dubai, UAE



Serving MENA &
International Projects

Technical depth with commercial agility

A responsive electrical partner for EPC contractors, operators and industrial clients.

01 18+ YEARS

Hands-on switchgear and electrical systems expertise.

02 SUPPLY STRENGTH

Core focus on LV/MV, automation, transformers and E-House.

03 MULTI-BRAND

Flexible sourcing aligned with project specifications.

04 ENGINEERING

Technical selection, interfaces, documentation and integration.

05 EPC SUPPORT

Installation, testing, commissioning and project handover when required.

06 DUBAI BASE

Regional access for MENA and international project support.

Electrical solutions are our core business

Orange Line supplies and integrates critical electrical equipment; EPC services extend our capability when complete project execution is required.



01 LV/MV Switchgear

MDB, SMDB, DB, MCC, ATS, synchronizing, MV feeder and distribution solutions.

02 Automation

PLC, SCADA, RTU, WHCP, ESD, process control and communication systems.

03 Transformers

Dry-type and oil-immersed transformer supply coordinated with the electrical system.

04 E-House Packages

Containerized switchgear rooms and modular electrical buildings integrated and factory tested.

05 EPC Services

Engineering, procurement, installation, testing, commissioning and project handover.

18+ YEARS OF HANDS-ON SWITCHGEAR EXPERIENCE

Four product pillars. One technical partner.

Our strongest value is the ability to coordinate equipment selection, interfaces, integration, testing and delivery across the complete electrical package.

01 LV/MV SWITCHGEAR

Power distribution, motor control, protection and metering.

02 AUTOMATION & CONTROL

PLC/SCADA, RTU, WHCP, ESD and process systems.

03 TRANSFORMERS

Distribution and power transformer solutions.

04 E-HOUSE

04 E-HOUSE / CONTAINERIZED SOLUTIONS

Modular Containerized Switchgear Packages and Customized E-House Solutions.

DESIGN CALCULATIONS & SYSTEM STUDIES

Electrical coordination studies, Short-circuit studies, Load-flow analyze and, Line harmonic calculations

EPC SERVICES SUPPORT THESE CORE PRODUCT LINES

LV switchgear & motor control

Reliable assemblies engineered around load, fault level, segregation, protection, communications and maintainability.



01 Distribution

MDB, SMDB, DB, ATS, capacitor bank and critical power distribution.

02 Motor Control

MCC, DOL/star-delta, soft starter, VFD and intelligent motor management.

03 Protection

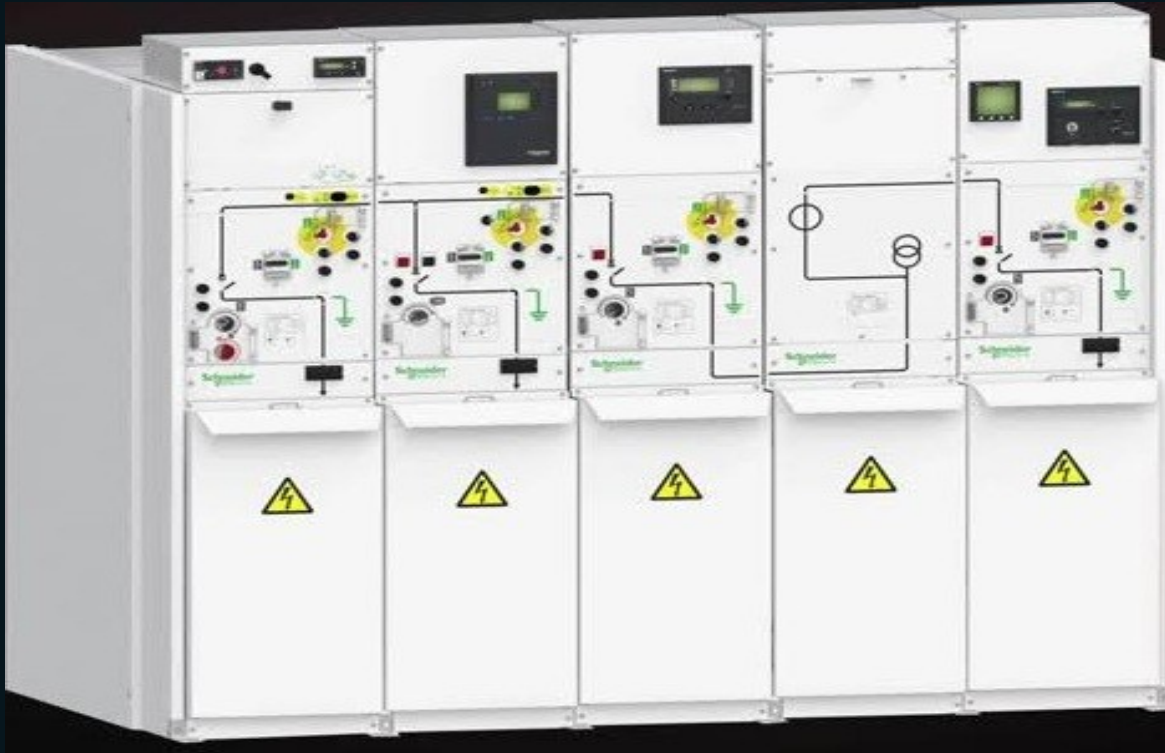
ACB/MCCB protection, metering, interlocks and communication interfaces.

04 Integration

PLC, PMS, generator, UPS and BMS/SCADA interface requirements.

Medium-voltage distribution

MV systems for utility, industrial, infrastructure and oil & gas applications.



01 Switchgear

VCB feeder panels, RMU and compact MV distribution solutions.

02 Protection

Protection relays, metering, control and SCADA interfaces.

03 Transformer Interface

Coordinated incomer/feeder protection and transformer connections.

04 Testing

FAT, relay testing, functional verification and commissioning support.

PLC & process control systems

Automation packages engineered around project I/O, operating philosophy, communications and field interfaces.



01 PLC / HMI

PLC panels, HMI stations, remote I/O and control system integration.

02 RTU / WHCP

Remote telemetry, wellhead monitoring, local control and shutdown interfaces.

03 ESD / Process

Cause & effect, permissives, interlocks, alarms and process control interfaces.



Transformer solutions

Transformer supply coordinated with MV switchgear, LV distribution, protection, metering and packaged substations.



01 Types

Dry-type and oil-immersed distribution/power transformer solutions.

02 Selection

Voltage, kVA/MVA, impedance, vector group, cooling, losses and accessories.

03 Interfaces

MV protection, LV incomer, metering, temperature monitoring and auxiliaries.

04 Delivery

Submittals, routine test documentation, inspection coordination and logistics.

Containerized switchgear rooms (E-House)

Factory-integrated electrical rooms designed to reduce site interfaces and accelerate project schedules.



E-House:

The Electrical House (E-House) is a factory integrated, tested, validated, compact power distribution solution. The E-House contains Medium Voltage switchgear, motor control centers, transformers, HVAC, UPS, and building management and control systems. It helps you reduce construction lead times, optimize the cost of transportation, installation and commissioning, and enhance uptime thanks to qualified and reliable design.

The E-House is the ideal solution for projects in all type of industries such as Oil & Gas, Mining & Minerals, Off-shore, Utilities, Electro-intensive industries or Railways.

Simplify:

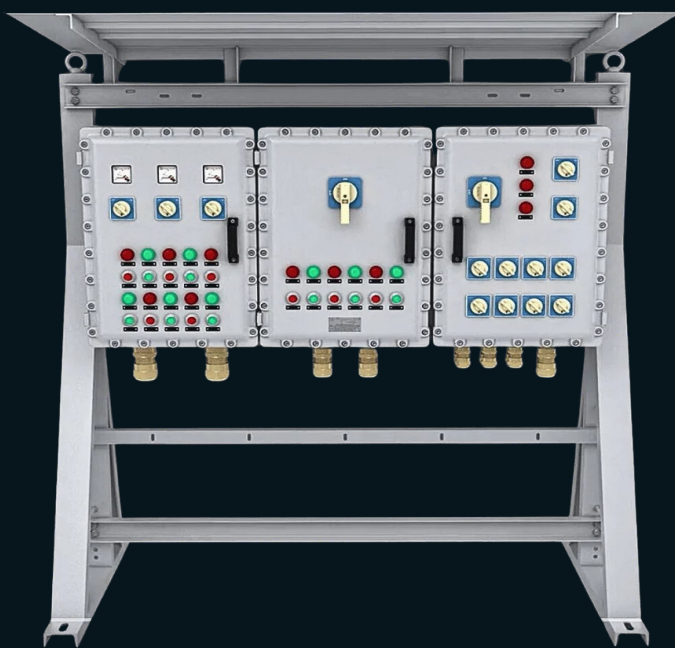
- > One partner for the complete distribution solution
- > One project management team simplifies processes, time management, and control
- > One engineering design team optimizes costs

Reduce costs:

- > CapEx reduction thanks to reduced engineering, installation, and commissioning costs
- > The complete engineered solution is controlled, tested and pre-commissioned within the factory it enables to save time on-site
- > OpEx reduction via a highly serviceable design and local technical experts
- > Enhanced uptime due to qualified and reliable design

Synchronizing, PMS & hazardous-area systems

Specialized electrical and control packages for critical and hazardous operating environments.



01 Generator Synchronizing

AMF/ATS, synchronizing, load sharing, PMS, generator controllers and automatic/manual operation.

02 ATEX / Ex Solutions

Hazardous-area control panels, local stations, junction/interface panels, certified glands and accessories.



Complete execution when required

EPC is an extension of our core supply and integration business, allowing one coordinated route from engineering to handover.

01 ENGINEERING

SLD, GA, schematics, BOM, I/O, protection and technical submittals.

02 PROCUREMENT

Approved makes, sourcing, expediting, inspection and logistics.

03 INTEGRATION

Panel/package assembly, wiring, PLC/RTU integration and FAT.

04 INSTALLATION

Site installation, termination, modification and interface support.

05 TESTING

Protection, functional, interlock, SAT and energization verification.

06 COMMISSIONING

Cause & effect, sequence verification, handover and training support.

Built for critical industries

Our electrical solutions support projects where uptime, safety, documentation and maintainability are essential.

01 OIL & GAS

Upstream, midstream, downstream and wellhead facilities.

02 PETROCHEMICAL

Process plants, utilities and hazardous areas.

03 POWER

Generation, distribution, substations and critical power.

04 MARINE & OFFSHORE

FPSO/offshore support and marine electrical packages.
Certification: DNV, Bureau Veritas, MBS, and Lloyd's Register.

05 WATER

Pumping, treatment and utility control systems.

06 INDUSTRIAL

Manufacturing, mining and heavy industrial facilities.

Trusted Clients

ExxonMobil

Basrah Gas Company

SEPLET

BW Offshore

SAIPEM

ADNOC

slb

Selected organizations for which our team has delivered project work; detailed references can be provided separately where required.

**ExxonMobil • Basrah Gas Company • Seplat Energy • BW Offshore • Saipem •
ADNOC • SLB**



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LET'S POWER YOUR NEXT PROJECT

LV/MV Switchgear • Automation • Transformers • E-House • EPC Services

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