

Company profile



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INTRODUCTION



EMEG Engineers are primarily responsible for managing a wide range of electrical and mechanical projects, with expertise in power generation, high voltage substations, transmission infrastructure, industrial facilities, and testing & commissioning.

Since its establishment in 2007, EMEG has developed strong practical experience in engineering, procurement support, installation, testing, commissioning, start-up, operation, and maintenance. Our teams have contributed to major projects across Syria and international markets, including power plants, 400 kV interconnection projects, GIS and AIS substations, industrial complexes, and critical infrastructure.

Our Mission :

Our mission is to deliver reliable and high-quality engineering solutions through technical expertise, experienced personnel, strong project management, and a commitment to safety and quality.

We aim to support our clients throughout the complete project lifecycle, from engineering and planning to construction, testing, commissioning, operation, and maintenance, while building long-term partnerships based on trust, performance, and professional cooperation.



Our Services:

EMEG provides comprehensive electrical, mechanical, engineering, and commissioning services for power generation, high voltage infrastructure, industrial facilities, factories, government projects, and other critical infrastructure.

▪ Power Generation

Thermal and combined-cycle power plants, gas and steam turbine systems, auxiliary systems, electrical and mechanical installation, testing, commissioning, start up, operation support, and maintenance.

▪ High Voltage Substations & Transmission

AIS and GIS substations up to 400 kV, power transformers, switchgear, protection and control systems, SCADA, overhead transmission lines, feeder systems, DC systems, batteries, and associated testing and commissioning.

▪ Industrial Plants & Factories

Complete electrical and mechanical solutions for manufacturing and industrial facilities, including factory rehabilitation and modernization, power distribution, transformers, generators, MCCs, control panels, machine electrical systems, cooling water





systems, steam boilers, compressed air systems, pumps, ventilation, water treatment systems, and plant utilities. EMEG's project experience includes industrial facilities such as SIAMCO Car Factory, Midsteel Iron Factory, and Aleppo New Tobacco Factory.

▪ **Electrical Systems**

MV/LV distribution, switchgear, MCCs, panel boards, cabling, grounding, lighting, generators, UPS systems, batteries, protection systems, and electrical testing.

▪ **Mechanical Systems**

HVAC, plumbing, firefighting systems, water treatment, cooling systems, compressed air, steam systems, pumps, piping, ventilation, and mechanical equipment installation.



▪ Control, Instrumentation & SCADA

DCS/PLC systems, instrumentation, field devices, control panels, protection and control interfaces, SCADA integration, testing, calibration, loop checks, and functional commissioning.

▪ Engineering & Technical Office

Electrical and mechanical design, load flow and short circuit studies, protection coordination, shop drawings, technical documentation, procurement support, planning, scheduling, QA/QC, project management, and commissioning planning.

▪ Testing, Commissioning & Technical Workforce

Provision of experienced engineers, technicians, and commissioning personnel for testing, energization, start up, operation, maintenance, and project support across electrical, mechanical, protection, control, instrumentation, operations, and chemical disciplines.

▪ Public & Critical Infrastructure

Electrical, mechanical, control, and civil works for public buildings, hospitals, institutional facilities, and other critical infrastructure.



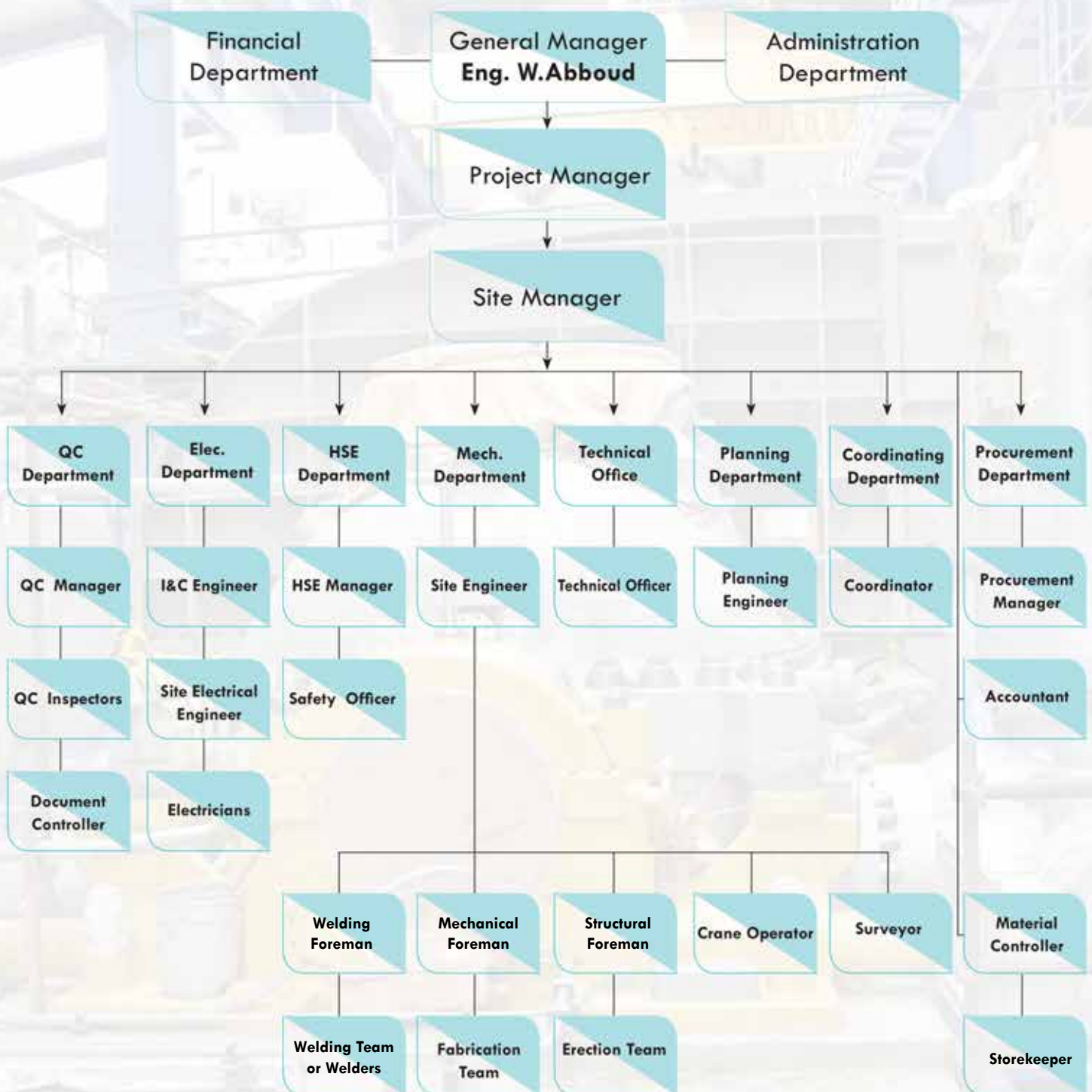


POWER PLANTS

Projects .



Organization Chart





Projects in Syria :

Deir Ali CCPP-II – Syria

Project: Deir Ali Combined Cycle Power Plant II

Location: Deir Ali, Syria

Plant Capacity: 3 × 250 MW

Plant Type:

Combined Cycle Gas & Steam Turbine Power Plant

Associated Infrastructure: Deir Ali 400 kV Substation

EPC Partner: METKA

EMEG Involvement: Since April 2012



Project Overview

In April 2012, EMEG commenced cooperation with METKA at the Deir Ali CCPP-II project, providing experienced engineers, assistant engineers, technicians and supporting personnel for the testing, commissioning and operation of the power plant's electrical and mechanical systems and the associated 400 kV Deir Ali Substation. EMEG's scope covered electrical systems, mechanical systems, DCS/PLC and instrumentation, fire protection, testing and commissioning, operational support and maintenance activities through the warranty period.

EMEG Scope of Work

Electrical works :

EMEG carried out the testing and commissioning of electrical systems across the power plant and the associated 400 kV substation, including the installation, termination, and testing of low- and medium-voltage power and control cables. The scope also covered testing of 220 VDC auxiliary systems, low voltage panels, interlocking circuits, medium-voltage panels, protection circuits, and current-injection systems, together with support for energization, operation, troubleshooting, and commissioning activities.

In addition, EMEG performed calibration and commissioning of field instrumentation, including motorized, pneumatic, and self-controlled valves, local controllers, transmitters, and associated instrumentation circuits. The team also provided technical support for chemical-treatment control systems and related plant instrumentation to ensure reliable and coordinated operation during commissioning.

Mechanical Works :

EMEG performed pressure testing of mechanical circuits and piping systems, chemical cleaning, steam scavenging, valve maintenance, and mechanical testing and commissioning across the plant. The team also supported fire protection commissioning, including fire alarm systems, thermal and smoke detectors, fire-extinguishing systems, and water-based firefighting systems.

Engineering, Manpower & Project Support

EMEG provided a multidisciplinary project team including engineers, technicians and specialized personnel supporting electrical, mechanical, control, instrumentation and commissioning activities.

Projects in Algeria:

1- Mobile Gas Turbine Power Plants – Tindouf, Beni Abbes & Tamanrasset

Year: 2012

Client / EPC Partner: METKA

Project Capacity: 112 MW

Configuration: 6 × 18.83 MW Mobile Gas Turbines

Locations: Tindouf, Beni Abbes, North Tamanrasset & South Tamanrasset

Project Overview

In 2012, EMEG's key personnel participated with **METKA** in the supervision of installation, testing, and commissioning of six mobile gas turbine units with a total capacity of approximately **112 MW**, deployed across four locations in Algeria.

Tindouf: 2 gas turbines





Beni Abbes: 2 gas turbines

North Tamanrasset: 1 gas turbine

South Tamanrasset: 1 gas turbine

EMEG Scope of Work

EMEG supported installation supervision, electrical and mechanical testing, commissioning, system integration, troubleshooting, and operational support to ensure the safe and reliable start-up of the generating units.

2- Mobile Gas Turbine Power Plants – F’Kirina & M’Sila

Year: 2012

Client / EPC Partner: METKA

Project Capacity: 240 MW

Configuration: 12 × 20 MW Mobile Gas Turbines

Locations: F’Kirina & M’Sila, Algeria

Project Overview

In 2012, EMEG’s key personnel participated with **METKA** in the supervision, testing, commissioning, and maintenance of a **240 MW mobile gas turbine project**, consisting of twelve 20 MW generating units installed across two sites.

F’Kirina: 6 gas turbines

M’Sila: 6 gas turbines

EMEG Scope of Work

The scope covered testing, commissioning, troubleshooting, and maintenance of major electrical and auxiliary systems, including GIS substations, generator circuit breakers, isolated and non-segregated phase bus ducts, HV/LV switchgear, transformers, motors, battery chargers, UPS systems, and station utility systems.

The team also supported systems associated with water treatment, wastewater treatment, fuel-oil treatment, cathodic protection, lightning protection, AC/DC systems, and plant communication utilities, together with HV/LV switching, fault finding, and routine maintenance of SF₆, vacuum, and air circuit breakers.

Projects in Ghana:

1- Bridge Power Project I – Tema, Ghana

Start Year: 2014

Location: Tema, Ghana

EPC Partner: METKA

Project Type: Combined Cycle Power Plant

Configuration: 5 × GE TM2500 Gas Turbines + Steam Turbine

Project Overview

EMEG Group participated with METKA in the implementation of Bridge Power Project I, a combined-cycle power generation project in Tema, Ghana.

The plant includes five GE TM2500 gas turbines, each rated at approximately 40 MW and operated through GE Mark VI control systems, together with a Triveni GET-6R two-stage steam turbine rated at approximately 80 MW. The generating units are supported by once-through steam generation systems, SCADA and PLC-based controls, and complete Balance-of-Plant systems including condensate, feedwater, and air-cooled condenser systems.

EMEG Scope of Work

EMEG provided engineering and technical support for electrical, mechanical, control, and instrumentation activities, including equipment installation, testing, commissioning, pressure testing of mechanical circuits, chemical cleaning, steam scavenging, valve maintenance, cable works, system integration, troubleshooting, and operational support.





2- Bridge Power Project II – Tema, Ghana

Start Year: 2023

Location: Tema Heavy Industrial Area, Ghana

EPC Partner: METKA

Project Type: Gas Turbine / Combined Cycle Power Generation

Project Overview

EMEG Group participated with METKA in the implementation of Bridge Power Project II, a separate power-generation project in Tema that commenced in 2023.

The project incorporates five GE TM2500 Gen8 gas turbine units, once-through steam generators, steam-turbine generation, an air-cooled condenser, and associated Balance-of-Plant systems.

EMEG Scope of Work

EMEG supported the project through multidisciplinary electrical, mechanical, control, instrumentation, testing, and commissioning activities, including equipment erection, cable installation and testing, mechanical-system testing, commissioning support, troubleshooting, and preparation of plant systems for safe and reliable operations.

Projects in Libya:

Tobruk Gas Power Plant – Tobruk, Libya

Location: Tobruk, Libya

EPC Partner: METKA / Mytilineos

Client: General Electricity Company of Libya (GECOL)

Project Capacity: Approximately 740 MW

Plant Type: Open-Cycle Gas Turbine Power Plant

Configuration: 4 Gas Turbines – 2 × GE GT13E2 + 2 × Ansaldo AE94.2

Project Overview

EMEG Group participated with METKA / Mytilineos in the implementation of the Tobruk Gas Power Plant, a major 740 MW power-generation project developed for GECOL.

The plant operates in open-cycle configuration and is designed to operate on either natural gas or liquid fuel. The facility comprises four gas turbine generating units: two GE GT13E2 units and two Ansaldo AE94.2 units.

EMEG Scope of Work

EMEG provided engineering and technical support for the installation, testing and commissioning of the plant's electrical and mechanical systems, including commissioning support, troubleshooting and technical assistance during project execution and start-up.



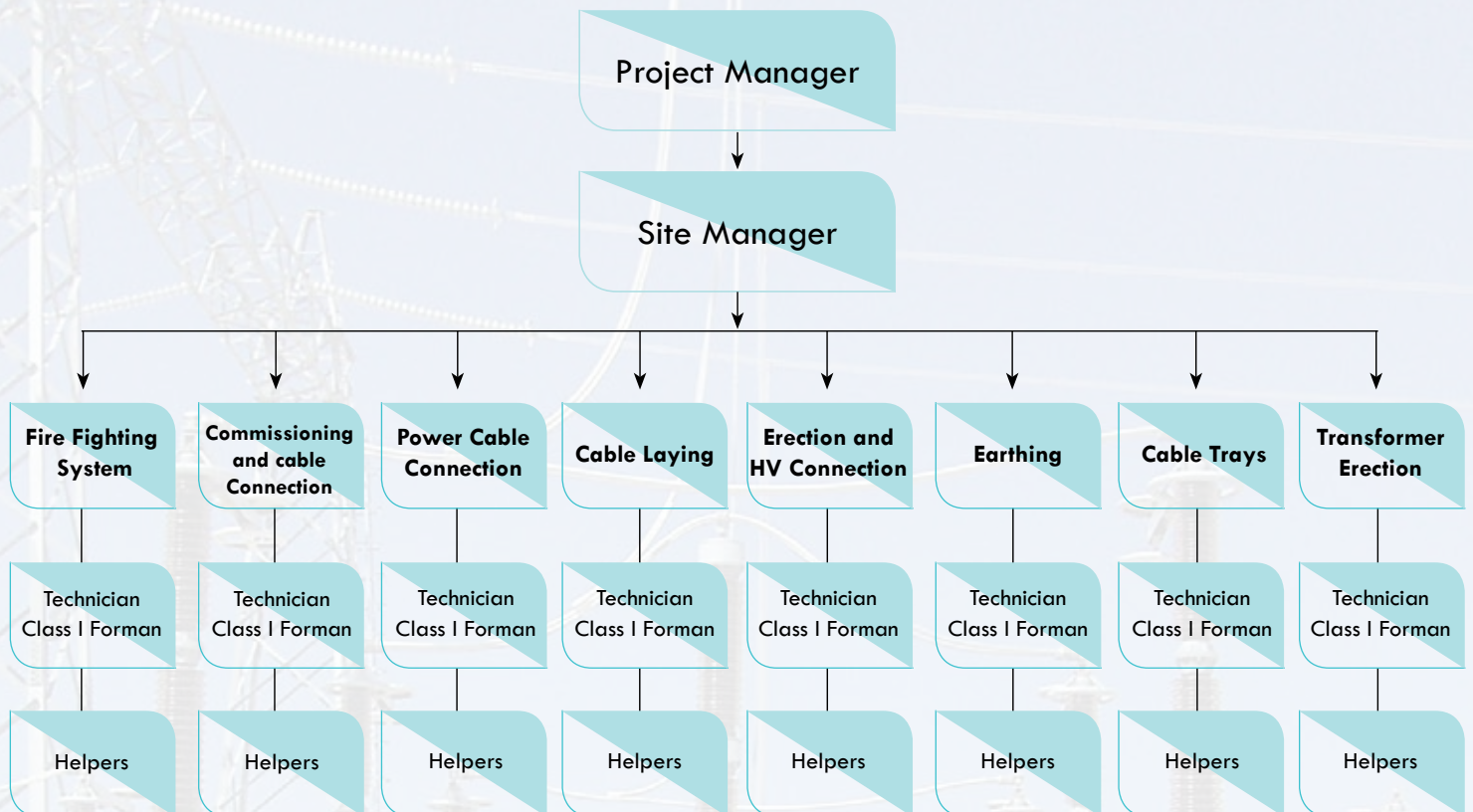


SUBSTATIONS

Projects .



Organization Chart





Projects in Syria:

EMEG group engineers executed the installation, erection, testing, and commissioning of the **400 kV Syria–Jordan and Syria–Turkey interconnection projects** as part of the Pan-Arab Power Network, in addition to several other power interconnection projects carried out in cooperation with Siemens

1- Syria–Jordan 400 kV Interconnection / Siemens PTD

Including three substations

Deir Ali:

Construction of a new 400 kV conventional substation consisting of:

- 3 Nos. 400 kV diameters, including 3 OHL feeders and 2 transformer feeders.
- 2 Nos. 400 / 230 kV, 300 MVA power transformers.
- 2 Nos. 20 kV, 20 MVAR shunt reactors.
- 2 Nos. 20 kV, 20 MVAR capacitor banks.
- Associated auxiliary works.

Dimas:

Construction of a new 400 kV conventional substation consisting of:

- 2 Nos. 400 kV diameters, including 2 OHL feeders and 1 transformer feeder.
- 2 Nos. 400 / 230 kV, 300 MVA power transformers.
- 2 Nos. 20 kV, 20 MVAR shunt reactors.
- 2 Nos. 20 kV, 20 MVAR capacitor banks.

Extension of the existing 230 kV substation by one feeder, including associated auxiliary works.

Kisweh:

- Extension of the existing 230 kV substation by one feeder.
- Extension works associated with the Dimas and Deir Ali 400 kV substations.
- Extension of one 400 kV diameter at each substation.

2- Syria–Turkey 400 kV Interconnection / Siemens PTD

Including five substations

Zeyzoon

Construction of a new 400 kV conventional substation consisting of:

- 3 Nos. 400 kV diameters, including 3 OHL feeders and 2 transformer feeders
- 2 Nos. 400 / 230 kV, 300 MVA power transformers
- 2 Nos. 20 kV, 20 MVar shunt reactors
- 2 Nos. 20 kV, 20 MVar capacitor banks

Extension of the existing 230 kV substation by one feeder, including associated auxiliary works.

Aleppo F

Extension of the existing 400 kV substation consisting of:

- 2 Nos. 400 kV diameters, including 1 OHL feeder and 1 transformer feeder
- 1 No. 400 / 230 kV, 300 MVA power transformer
- 1 No. 400 kV, 50 MVar shunt reactor

Extension of the existing 230 kV substation by one feeder, including associated auxiliary works.

Hama II

Extension of the existing 400 kV substation by 2 diameters, including 2 OHL feeders.

Jandar

Extension of the existing 400 kV substation by 2 diameters, including 2 OHL feeders.

Lattakia

Construction of a new 400 kV conventional substation consisting of:

- 2 Nos. 400 kV diameters, including 2 OHL feeders and 2 transformer feeders
- 2 Nos. 400 / 230 kV, 300 MVA power transformers
- 2 Nos. 20 kV, 20 MVar capacitor banks

Extension of the existing 230 kV substation by 6 feeders, including associated auxiliary works.





3- Syria–Iraq 400 kV Interconnection / Siemens PTD

Including five substations

Adra

Construction of a new 400 kV conventional substation consisting of:

- 3 Nos. 400 kV diameters, including 3 OHL feeders and 2 transformer feeders
- Associated auxiliary works

Jandar

Extension of the existing 400 kV substation consisting of:

- Extension to a total of 5 Nos. 400 kV diameters
- 3 OHL feeders
- Associated auxiliary works

Nasserieh

Construction of a new 400 kV conventional substation consisting of:

- 3 Nos. 400 kV diameters, including 2 OHL feeders and 1 transformer feeder
- 1 No. 400 / 230 kV, 300 MVA power transformer
- 1 No. 20 kV, 20 MVar capacitor bank
- 1 No. 20 / 0.4 kV, 800 kVA auxiliary transformer
- Associated auxiliary works

Taym

Construction of a new 400 kV conventional substation consisting of:

- 3 Nos. 400 kV diameters, including 2 OHL feeders and 1 transformer feeder
- 1 No. 400 / 230 kV, 300 MVA power transformer
- 1 No. 20 kV, 20 MVar shunt reactor
- 1 No. 20 / 0.4 kV, 800 kVA auxiliary transformer
- Associated auxiliary works



Palmyra

Construction of a new 400 kV conventional substation consisting of:

- 2 Nos. 400 kV diameters, including 2 OHL feeders and 1 transformer feeder
- 1 No. 400 / 230 kV, 300 MVA power transformer
- 1 No. 20 kV, 20 MVar capacitor bank
- 1 No. 20 / 0.4 kV, 800 kVA auxiliary transformer
- Associated auxiliary works

4- Syria–Iraq 400 kV Interconnection / ISOLUX Spain

Including four substations

Aleppo West

Construction of a new 400 kV conventional substation consisting of:

- 3 Nos. 400 kV diameters, including 3 OHL feeders and 2 transformer feeders
- 2 Nos. 400 / 230 kV, 300 MVA power transformers
- 2 Nos. 20 kV, 20 MVar capacitor banks
- Extension of the existing 230 kV substation by 2 feeders
- Associated auxiliary works





Hassakeh

Construction of a new 400 kV conventional substation consisting of:

- 2 Nos. 400 kV diameters, including 2 OHL feeders and 2 transformer feeders
- 2 Nos. 400 / 230 kV, 300 MVA power transformers
- 2 Nos. 20 kV, 20 MVar capacitor banks
- Extension of the existing 230 kV substation by 2 feeders
- Associated auxiliary works

Dimas

Extension of the existing 400 kV conventional substation consisting of:

- 1 No. 400 kV diameter, including 1 OHL feeder and 1 transformer feeder
- 1 No. 400 / 230 kV, 300 MVA power transformer
- 2 Nos. 20 / 0.4 kV auxiliary transformers
- Extension of the existing 230 kV substation by 1 feeder
- Associated auxiliary works

Tishreen II

Complete erection, installation, testing and commissioning of a 230 / 66 / 20 kV GIS substation consisting of:

- | | |
|---|---|
| ▪ 3 Nos. 230 / 66 kV, 125 MVA power transformers | |
| ▪ 3 Nos. 66 / 20 kV, 30 MVA power transformers | |
| ▪ 6 Nos. 20 / 0.4 kV, 100 kVA earthing transformers | |
| ▪ 3 Nos. 230 kV feeders | ▪ 3 Nos. 66 kV feeders |
| ▪ 18 Nos. 20 kV feeders | ▪ DC and battery systems |
| ▪ Control and protection systems | ▪ Mechanical structures and HV/MV cable works |





5- Kodsaya GIS Substation

Complete erection, installation, testing and commissioning of the AIS substation consisting of:

- 4 Nos. 230 kV diameters, including 2 OHL feeders and 2 transformer feeders
- 2 Nos. 230 / 66 / 20 kV, 125 MVA power transformers
- Associated MV equipment and auxiliary systems
- Control and protection systems
- DC and battery systems
- HV/MV cable works
- Complete indoor and outdoor installation works

6 - Kodsaya High-Voltage Transmission Line

Complete erection and installation of the Kodsaya transmission line in Damascus, including:

- Pre-assembly and erection of transmission towers
- Installation of overhead conductors
- Installation of OPGW / OPCW cables
- Associated civil works
- Total line length: approximately 10 km

7- AIS (230 / 66 / 20 kV) Forsan Substation / AREVA France

Extension of the existing AIS substation, including:

- Erection, installation, testing, and commissioning of one 230 kV diameter
- 2 Nos. 230 kV feeders
- 3 Nos. current transformers (CTs)
- 6 Nos. voltage transformers (VTs)
- Control and protection systems
- AC/DC panels
- Earthing system
- Associated steel structures and auxiliary works



8- GIS (230 / 66 / 20 kV) Aleppo Substation / AREVA France

Complete erection, installation, testing, and commissioning of the GIS substation, including:

- 3 Nos. 230 / 66 kV, 125 MVA power transformers
- 3 Nos. 66 / 20 kV, 30 MVA power transformers
- 6 Nos. 20 / 0.4 kV, 100 kVA earthing transformers
- 3 Nos. 230 kV feeders
- 3 Nos. 66 kV feeders
- 18 Nos. 20 kV feeders
- Control and protection systems
- HV/MV cable works

9- GIS (230 / 66 / 20 kV) Baramkeh Substation / AREVA France

Complete erection, installation, testing, and commissioning of the GIS substation, including:

- 3 Nos. 230 / 66 kV, 125 MVA power transformers
- 3 Nos. 66 / 20 kV, 30 MVA power transformers
- 6 Nos. 20 / 0.4 kV, 100 kVA earthing transformers
- 3 Nos. 230 kV feeders
- 3 Nos. 66 kV feeders
- 18 Nos. 20 kV feeders
- DC and battery systems
- Control and protection systems
- HV/MV cable works
- Complete indoor and outdoor installation works



10- SCADA OPC Syria Project – 71 HV Substations / AREVA Alstom France

Installation and commissioning of SCADA and telecommunications systems for 71 high voltage substations across Syria, including:

- 230 kV and 400 kV substations
- SCADA system installation and commissioning
- Adaptation and interface work
- Integration of high-voltage substations with the central control system
- Telecommunications systems
- Substation control systems

11- SCADA OPC Syria Extension – 15 HV Substations / AREVA Alstom France

Installation and commissioning of SCADA and telecommunications systems for 15 high-voltage substations across Syria, including:

- 230 kV and 400 kV substations
- Telecommunications systems
- Substation control systems
- SCADA system installation and commissioning
- Adaptation and interface work
- Integration with the existing national SCADA network





Projects in Saudi Arabia:

1- Two 132 kV Substations – Dammam, Saudi Arabia

No. 1 – 132 / 34.5 / 13.8 kV

Complete erection, installation, testing, and commissioning of the MV substation, including:

- 2 Nos. **132 / 34.5 kV, 125 MVA** power transformers
- 7 Nos. **34.5 kV** transformer feeders
- 2 Nos. **34.5 kV** feeders
- 10 Nos. **13.8 kV** transformer feeders
- 10 Nos. **13.8 kV** feeders
- AC/DC and battery systems
- Control and protection systems
- MV cables and SCADA system

No. 2 – 132 / 13.8 / 4.16 kV

Complete erection, installation, testing, and commissioning of the MV substation, including:

- 2 Nos. **132 / 13.8 kV, 100 MVA** power transformers
- 2 Nos. **13.8 kV** transformer feeders
- 7 Nos. **13.8 kV** feeders
- 4 Nos. **4.16 kV** transformer feeders
- 12 Nos. **4.16 kV** feeders
- AC/DC and battery systems
- Control and protection systems
- MV cables and SCADA system



13- GIS (380 / 132 / 13.8 kV)

Riyadh Substation 9027 / INABENSA Spain

Complete erection, installation, testing, and commissioning of the GIS substation in Riyadh, including:

- 3 Nos. **380 /132 kV, 502 MVA** power transformers
- 3 Nos. **132 /13.8 kV, 60 MVA** power transformers
- 3 Nos. **13.8/ 0.4 kV, 100 kVA** earthing transformers
- 16 Nos. **380 kV** feeders
- 28 Nos. **132 kV** feeders
- 28 Nos. **13.8 kV** feeders
- **132 kV, 40 MVA** shunt reactor
- AC/DC and battery systems
- Control and protection systems
- SCADA, RTU, SAS, SOE, TFR, DSM and telecommunications systems
- HV/MV cables, lighting systems, mechanical structures, and associated indoor/outdoor works





Public Infrastructure Projects .





Women's Central Prison – Adra

Rehabilitation of the prison including the supply and installation of all electrical, mechanical, control, and civil works.

Electrical Works

- MV utility connection and supply/installation of transformers
- Standby generators with fuel system electrical interfaces
- LV distribution, power quality management, and Main Distribution Board (MDB)
- Indoor and outdoor lighting, small power, and earthing systems
- Cable trays and cabling (laying and termination)
- Distribution and machine boards, fire alarm systems
- Sound, security, and alarm systems
- Controls, commissioning, and handover

Mechanical Works

- Cooling plant and heat rejection systems
- Data-hall and specialized room cooling
- Pipework, valves, and insulation
- Ventilation, ductwork, and air conditioning (HVAC)
- Plumbing, drainage, and water systems
- Fire protection and life safety mechanical systems
- Controls, commissioning, and handover

Civil Works

- Building expansion to accommodate the new MDB, control board, and associated equipment
- Preliminaries, surveys, and enabling works
- Earthworks and ground improvement
- Concrete and structural works
- Structural steel and external civil works



Mowasah Hospital – Old Building

(Emergency & ICU, Radiation, Intensive Care Unit, and Operating Room)

Rehabilitation of the hospital includes the installation of all electrical and civil works.

Electrical Works

- MV utility connection and supply/installation of transformers
- Standby generators with fuel system electrical interfaces
- LV distribution, power quality management, and Main Distribution Board (MDB)
- Lighting, small power, and earthing systems
- Cable trays and cabling (laying and termination)
- Controls, commissioning, and handover

Civil Works

- Building expansion to accommodate the new MDB and control panels

Mowasah Hospital – Sound System

Supply, installation, and commissioning of a complete public address and sound system for the hospital.

Electrical Works

- Engineering, installation, and commissioning of the complete sound system, including control console, receiver, mixer, switching unit, power amplifier set, monitor, and calculator
- Controls, commissioning, and handover

Civil Works

- Building modifications to accommodate the sound system installation

Central Bank of Syria

Project Reference No. 202011/ — Damascus Supply and installation work at the Central Bank of Syria headquarters in Damascus.

- LV distribution and power quality management, Main Distribution Board (MDB)
- Lighting, small power, and earthing systems
- Cable trays and cabling (laying and termination)
- Controls, commissioning, and handover





INDUSTRIAL COMPLEXES

Projects .



INDUSTRIAL COMPLEXES Projects .



SIAMCO Car Factory

Rehabilitation of the factory includes the supply and installation of all electrical, mechanical, and control works.

Electrical Works

- MV utility connection and supply/installation of 3 power transformers (1000–1400 kVA)
- Standby generators (630 kVA) with fuel system electrical interfaces
- LV distribution, power quality management, and Main Distribution Board (MDB)
- Lighting, small power, and earthing systems
- Cable trays and cabling (laying and termination)
- Controls, commissioning, and handover

Mechanical Works

- Cooling water and hot water systems
- Air treatment, steam boiler, and air compressor systems
- Cooling plant and heat rejection systems
- Data-hall and specialized room cooling
- Plumbing and ventilation systems
- Controls, commissioning, and handover
- Pipework, valves, and insulation
- Fire protection and life safety mechanical systems

Aleppo New Tobacco – Ein Al-Tal

Rehabilitation of the factory includes the supply and installation of all electrical, mechanical, control, and civil works.

Electrical Works

- MV utility connection and supply/installation of power transformers (1000 + 1400 kVA)
- Standby generators (1500 kVA) with fuel system electrical interfaces
- LV distribution, power quality management, and Main Distribution Board (MDB)
- Lighting, small power, and earthing systems
- Cable trays and cabling (laying and termination)
- Controls, commissioning, and handover



Mechanical Works

- Air treatment, steam boiler, and air compressor systems
- Cooling plant and heat rejection systems
- Data-hall and specialized room cooling
- Pipework, valves, and insulation
- Plumbing and ventilation systems
- Fire protection and life safety mechanical systems
- Controls, commissioning, and handover

Civil Works

- Building expansion to accommodate new machinery and equipment
- Preliminaries, surveys, and enabling works
- Earthworks and ground improvement
- Concrete and structural works
- Structural steel and external civil works



GIS (230 / 66 / 20 kV) Midsteel Iron Factory Substation – Damascus

Erection, installation, testing, and commissioning of the complete GIS substation in Damascus, including:

- 2 Nos. 230 kV + 5 Nos. 6.6 kV + 6 Nos. 20 kV feeders
- 1 No. 230 / 66 kV, 125 MVA power transformer
- 1 No. 66 / 20 kV, 30 MVA power transformer
- 2 Nos. 20 / 0.4 kV, 100 kVA earthing transformers

In addition to AC/DC and battery systems, control and protection equipment, mechanical structures, HV/MV cables, and all associated indoor and outdoor installations.



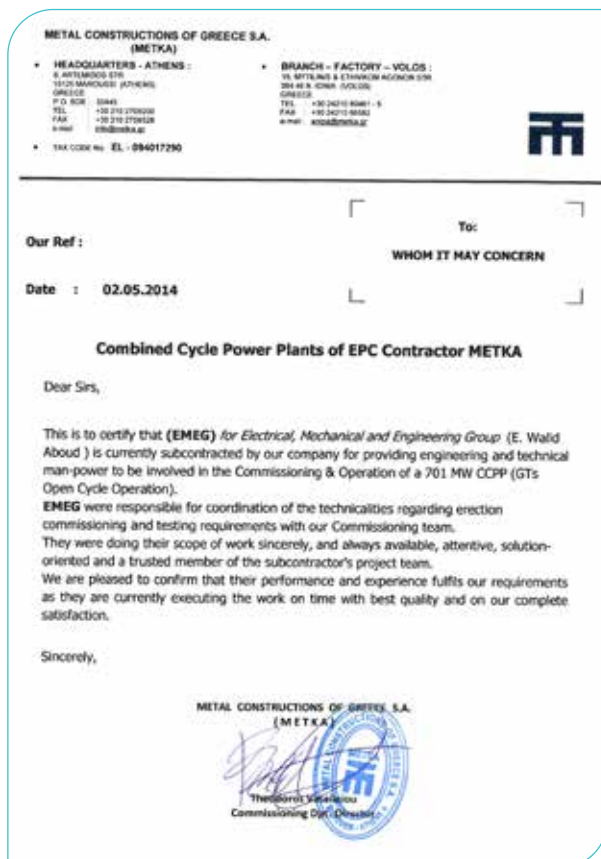
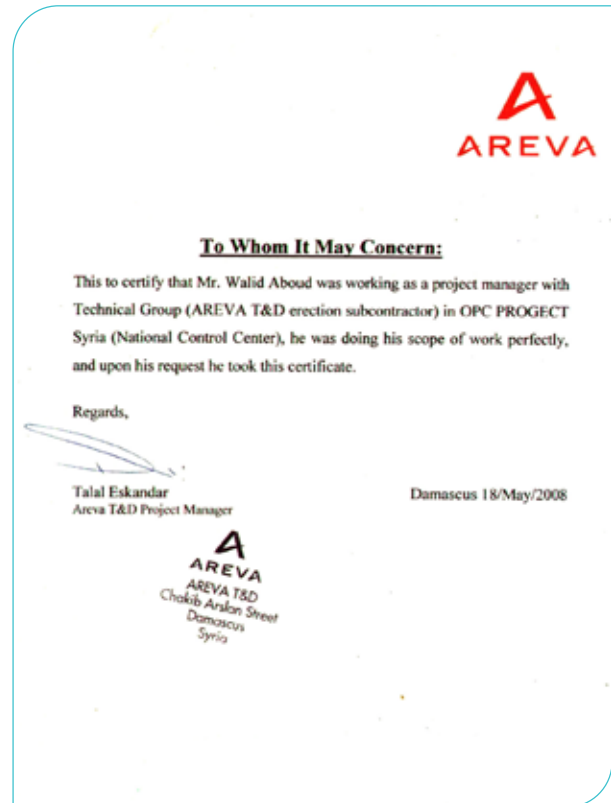
EMEG

For Electrical Mechanical Engineering



Experience Certificates

Certificates & Accreditations



EMEG Electrical Mechanical Engineering Group

Certificates & Accreditations



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Eng.Walid Alabboud
EMEG

Dec 5th 2010

Our Ref.: ISO.ING.SB/270/2010

**SUBJECT: Contract N° 254/2008/EXT - (Tishreen 2)
RECOMMENDATION LETTAR**

To whom it may concern,

This is to certify that Electrical, Mechanical and Engineering Group (EMEG) is currently subcontracted by our company as main electromechanical contractor for the above mentioned substations.

We are pleased to confirm that their performance and experience fulfils all our requirements as they are currently executing the work on our complete satisfaction.

For your information,

Regards,

Eng. BASSAM KHALED
Branch Manager
ISOLUX INGENIERIA, S.A.
SYRIA BRANCH
GRUPO ISOLUX CORSAN



ISOLUX INGENIERIA, S.A.

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Eng.Walid Alabboud
EMEG

OCT 5th 2010

Our Ref.: ISO.ING.SB/342/2010

**SUBJECT: Contract N° 468/EXT-PEEGT-230/66 /20 KV Kodsaya S/S
RECOMMENDATION LETTAR**

To whom it may concern,

This is to certify that Electrical, Mechanical and Engineering Group (EMEG) is currently subcontracted by our company as main electromechanical contractor for the above mentioned substations.

We are pleased to confirm that their performance and experience fulfils all our requirements as they are currently executing the work on our complete satisfaction.

For your information,

Regards,

Eng. BASSAM KHALED
Branch Manager
ISOLUX INGENIERIA, S.A.
SYRIA BRANCH
GRUPO ISOLUX CORSAN



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Eng.Walid Alabboud
EMEG

Jun 5th 2010

Our Ref.: ISO.ING.SB/310/2010

**SUBJECT: Contract N° 479/EXT-PEEGT SYRIA-400/230KV DIMAS EXTENTION
RECOMMENDATION LETTAR**

To whom it may concern,

This is to certify that Electrical, Mechanical and Engineering Group (EMEG) is currently subcontracted by our company as main electromechanical contractor for the above mentioned substations.

We are pleased to confirm that their performance and experience fulfils all our requirements as they are currently executing the work on our complete satisfaction.

For your information,

Regards,

Eng. BASSAM KHALED
Branch Manager
ISOLUX INGENIERIA, S.A.
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GRUPO ISOLUX CORSAN



Assad Said
For Contracting Co. LTD.
C.R. : 19873



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14.02.2011

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For the attention of **Eng. Walid Alabboud / EMEG**

**Subject: Contract N° 9027/EXT - Riyadh Substation INABENSA Spal
GIS (380 / 132 / 13.8 KV)**

To Whom It May Concern,

This is to certify that Electrical, Mechanical and Engineering Group (EMEG) is currently subcontracted by our company as main electromechanical contractor for the above mentioned substations.

In the project of Riyadh Substation 9027 INABENSA Spal GIS (380 / 132 / 13.8 KV), he was doing his scope of work perfectly, and upon his request he took this certificate.

We are pleased to confirm that their performance and experience fulfils all our requirements as they are currently executing the work on our complete satisfaction.

For your information,

Regards,

Eng. BASSAM KHALED

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