



الإمارات للهندسة الكهربائية (ذ.م.م.)
EMIRATES ELECTRICAL ENGINEERING LLC

A member of Al Rostamani Group

• www.eee-uae.com



COMPANY
PROFILE

“

*we continuously aim to deliver
you fully-customized solutions to
respond to your project's
requirements with ultimate
flexibility and responsiveness*

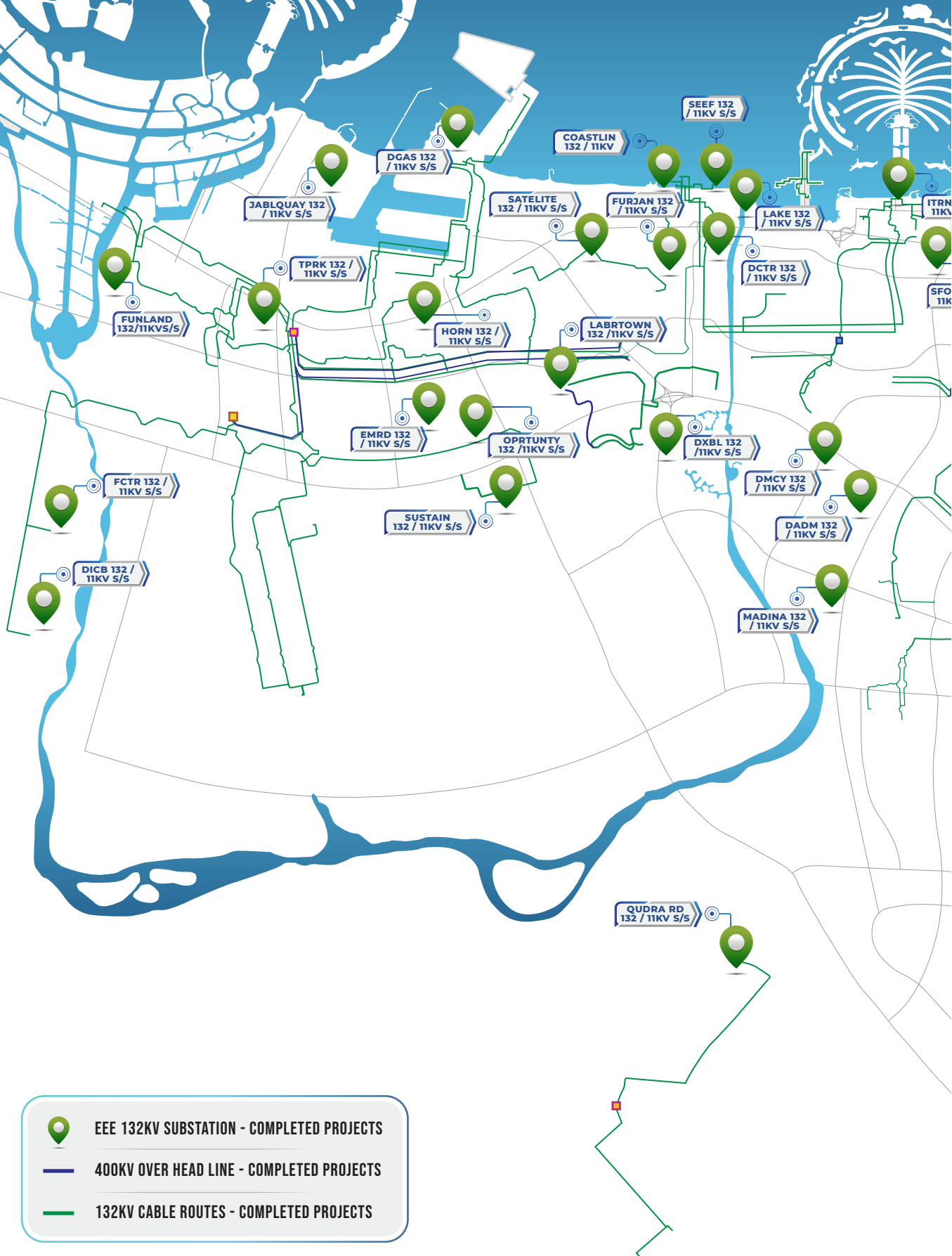
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PROJECTS OVERVIEW



9 BILLION AED PROJECTS IN T&D DELIVERED SUCCESSFULLY

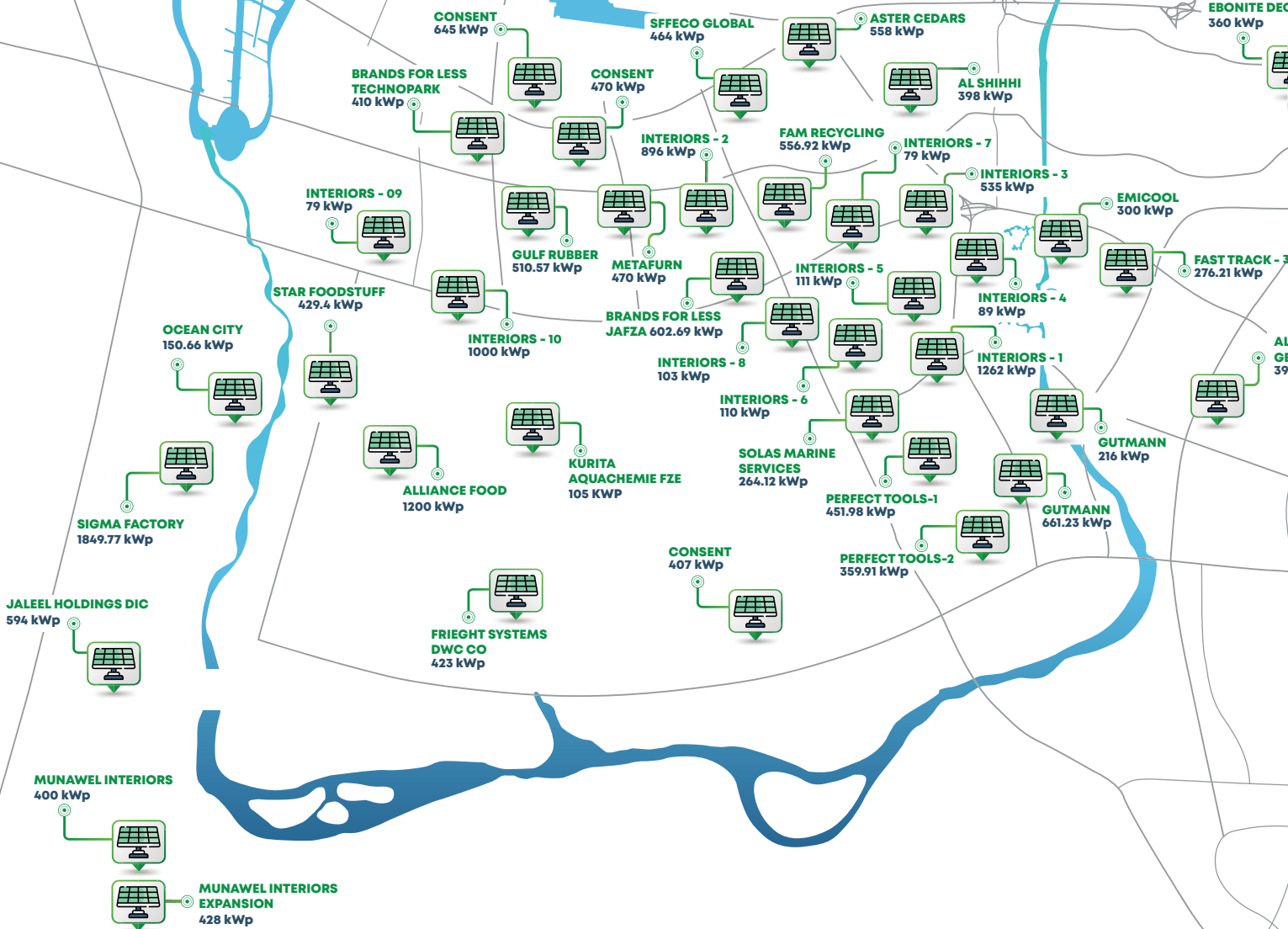
53
HIGH-VOLTAGE
SUBSTATIONS

5460
KMS HIGH-VOLTAGE
CABLES

THE PALM JEBEL ALI

EEE SOLAR PRO

THE PALM JUM



PROJECT OVERVIEW



75 MILLION DIRHAMS OF SOLAR ENERGY INVESTMENTS



**2,843
HOMES**



**14,379
MT**



**33,294
BARRELS**



**237,717
TREES**



Chairman's Message

Starting out as Joint Venture Company in 1977, today Emirates Electrical Engineering LLC (EEE), a wholly owned subsidiary of Al Rostamani Group, has emerged as a leader in the Transmission & Distribution Industry.

The strategic decision by the Al Rostamani Group to launch a dedicated company that specialises in power transmission and distribution projects came in line with the developments witnessed in the UAE and the need foreseen in the field to support these developments

With the rapid advancement of the Transmission & Distribution industry, Emirates Electrical Engineering LLC has kept abreast with the latest developments in order to provide turnkey solutions to customer needs promptly.

Achieving such a goal would not have been possible without a qualified and skilled talent pool which is essential for the successful growth of the company.

With our dedicated work force, wide range of plant & equipment, advanced engineering techniques and state of the art technology for project implementation, EEE looks forward to support the nation in its endeavor.

Marwan Abdulla Al Rostamani

Chairman

Al Rostamani Group



GM's Message

We believe that there are no boundaries for quality and we strive hard for continual improvement of quality of our projects and services. Our minimum quality goal is to exceed stakeholder's expectations.

We are committed to provide a safe, healthy and thriving working environment to our employees and we are committed to our corporate social responsibilities.

Prabash M.V

General Manager





Emirates Electrical Engineering LLC

Emirates Electrical Engineering LLC specialises in the design and construction of turnkey electrical power projects. The company undertakes activities right from design to erection, testing and commissioning of high voltage Substations, Cable networks & Overhead Transmission lines and specialized services associated with the power industry.

EEE was established in 1977 as a joint venture between Al Rostamani Group and partners from Belgium. From 1999 it is wholly owned by the group.

Since its inception in 1977, EEE has been a fully customer oriented company insisting on high quality of all its contracting works & services. EEE has executed a number of prestigious power projects for the power utilities connecting various grids of the nation.





Our Specialities

01

High Voltage Substation Division

Design, Installation, Testing and Commissioning of High Voltage Substations up to 400kV

02

High Voltage Cable Division

Design, Installation, Testing and Commissioning of High Voltage Cable Networks up to 400kV

03

High Voltage Overhead Transmission Line Division

Design, Installation, Testing and Commissioning of High Voltage Overhead Transmission Lines up to 400kV

04

ESCO Division

Offering fully integrated ESCO services targeting various systems such as HVAC, Lighting, LV Systems, Solar EPC, etc.

05

Solar Division

Solar energy solutions with its ability to design, source, install, implement, operate, and maintain robust energy-efficient systems

06

MEP Division

Design, Supply, Installation, Testing and Commissioning of HVAC, PDFF and Electrical/ELV systems

Our highly skilled professionals, from Project Managers and Technical Experts on to the computerized planning system constitute a highly responsive, flexible and specialized organization. This wealth of experience and a massive infrastructure, ensure that major turnkey projects are completed to international standards, on budget and on time.

In the last 40 years, EEE has undertaken numerous major power projects throughout the UAE for clients in both private and public sectors.





Substation Division

EEE has more than three decades of experience in turn-key substation projects from design of substation, using various designs required for projects right up to 400 kV, to the selection of equipment required to meet the demands of the highly sensitive link in the power network.

EEE has completed more than 51 Nos. 132/11 kV Substations on turnkey basis and satisfactorily commissioned them so far.

Engineers with vast experience in design, erection, testing and commissioning of various equipment, are backed by well equipped range of test equipment and tools.

With the wide range of experience which is not restricted to switchgears, protection, relay co-ordination, SCADA & Telecom alone, EEE has left all it's esteemed clients fully satisfied

A well stocked library with the latest technical journal helps in hobtaining the latest proven products from around the world.



Cable Division

More than 40 years of experience makes our project team masters of handling turn-key projects in laying power cables ranging up to 400kV, laying of pilot cables, telephone cables, fibre optic cables, including subtle and critical procedures like jointing and termination.

EEE has completed projects on turn-key basis with more than 5300 Kms. of 132kV cable laying works.

Right from the route design, keeping in mind various aspects of local regulations and installation requirements onto our equipment, which feature a wide range of special tools & tackles catering to various aspects of cable laying through pipes, trenches, ladders... - everything is geared to one thing - every project on time, on budget, to the latest international standards.





Overhead Transmission Line Division

EEE's history stretches back to 1977, when it completed the design, supply and installation of high voltage overhead lines for the UAE's Central and Northern region. Later in 1997 EEE made the first interconnection of the power systems of the Northern Emirates (West Coast Interconnection 220 kV & 132kV Lines).

In 2005 we finalized the Overhead line for the first Emirates National Grid 400kV and 220kV. EEE is the only one company in UAE who worked in all phases of interconnection of Emirates. During these years EEE is one of the pioneers and a leader as of today in the field of power Transmission Lines in U.A.E



The first 400kV Monopole overhead lines project in the Middle East is executed by EEE in 2007.

The largest technical expertise, backed by excellent background of experience gained over the years equipped the company with capability to execute turn-key projects in power transmission and distribution of overhead lines anywhere in the world.

Our engineers have proved their skills and capabilities successfully by executing innumerable important power transmission projects undertaken all over the UAE. Power software and hardware tools, in the nimble hand of experience engineers, draughtsman and technicians help execute projects that bring light to the life of the people.





ESCO Division

Extending the energy venture of EEE in UAE, alongside the Solar Division, EEE is proud to announce the launch of its ESCO division!

We are fully equipped to undertake energy efficiency investment projects, by offering fully integrated ESCO services targeting various systems such as HVAC, Lighting, LV Systems, Solar EPC, etc.

Our in-house team has a vast experience with Energy projects, with a collective total of 20-25 years in the industry. We are also equipped with the state-of-the-art software's and technology

As an Energy Efficiency Investment Company, Emirates Electrical Engineering aims at fully financing the energy-saving projects it undertakes and shall deliver the Engineering, Procurement and Contracting of these projects on a turn-key basis with the utilization of in-house resources.

FINANCING

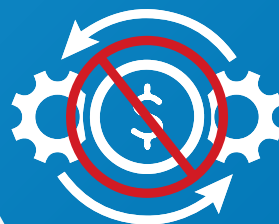
Under the Shared Savings Business Model, EEE will undertake the complete capital investment for in-house tailor-made Energy Savings Solutions from a design, supply & implementation perspective as well as Measurement & Verification, throughout the length of the project.

The percentage savings from these measures are then shared between the client and EEE, at a mutually agreed entitlement. This business model guarantees maximum savings as well as performance, with no upfront investment or risk, from the client's end.

NO CAPEX - NO OPEX



NO O&M COSTS





Energy Saving Retrofits

By the utilization of our extensive experience of Energy Efficiency, EEE can deliver substantial Energy Savings by performing Energy Audits (as per the approved ASHRAE guidelines) by certified Engineers.

Energy Audits can identify the potential areas for Energy Savings and by the implementation of corresponding retrofits, EEE ensures the delivery of maximum potential savings to the Customer.

EEE Credentials





Solar Division

As an extending energy venture in the UAE, Emirates Electrical Engineering lays out its potential to become the largest provider of the solar solutions. We combine the inexhaustible solar power with the latest tech and our absolute determination to communicate sustenance via optimized electrical energy use.

We house a DEWA-certified team built with pure expertise in the field, delivering comprehensive financial, developmental, construction, operation and maintenance of solar projects for commercial and industrial rooftops.

Solar Projects Leasing Solutions

The Legacy of Al Rostamani Group plus the extensive experience of EEE formulate a special blend of solar leasing contracts for our clients hassle-free. This leasing agreement enables our clients to finance, build, own, and operate high-functioning solar PV systems. To make things convenient, we only use Tier 1 components for all our PV systems.



Solar EPC Turnkey Contracting

We offer the dedication and experience of our DEWA-certified solar management team to undertake solar EPC turnkey contracting to a new level. Here, we provide in-house engineering, procurement, construction, and commissioning of customized solar systems for you.

Solar Operation & Maintenance

While we help you embark on a journey to clean energy, our O&M resources, processes, and tools are procured to help you save on your electricity consumption with a guarantee of over three decades. With our advanced monitoring software, our clients enjoy 99% uptime of their solar projects.

Solar Hybrid Solutions

Emirates Electrical Engineering focuses on combining reliable alternative energy sources with solar projects to maximize support to the clean power solutions for unmatched performance. We offer these solar hybrids as an ideal solution for clients with varying energy optimization needs.





EEE offers a range of services that cover the entire gamut of electro-mechanical engineering solutions including Design, Engineering, Procurement, Construction, Testing, Commissioning and Facility Maintenance services. EEE Head Office is located in Dubai. The company has also branches in Abu Dhabi.

EEE offers facilities management services including contract work, full maintenance and call-out services along with energy optimization, which helps to reduce operational costs and provide extended project life. Further this is achieved through energy audits, study of advanced energy saving methods, measurement and verification process through our ESCO Division based on IPMVP protocol.

- HVAC / Air Conditioning Applications - District cooling plants, centralized chilled water systems, variable refrigerant flow systems, DX systems, ventilation systems etc.
- Electrical Applications - LV and ELV systems, power distribution, lighting, generators etc.
- Fire Protection Systems
- Plumbing Systems





Comprehensive Operation & Maintenance plus Asset Management



Preventive Maintenance



Corrective Maintenance



Condition Based Maintenance

01

Real-time Monitoring

02

State of the Art Service

03

EEE-ARG Bankability

04

Experience in UAE

05

Rapid Response

06

Spare Parts Availability



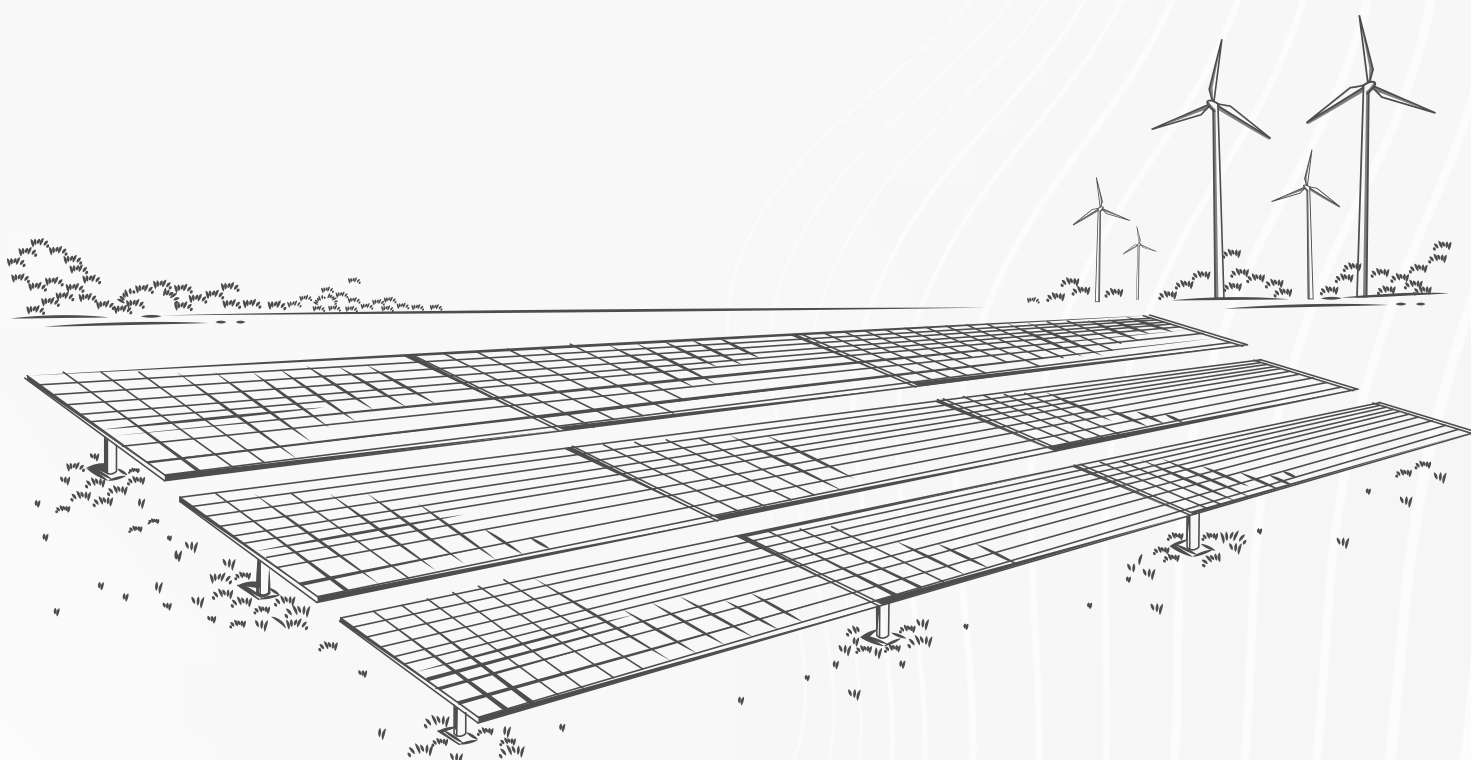


Emirates Energy Engineering Contracting LLC, Abu Dhabi

Emirates Energy Engineering Contracting LLC (EEEC) is a Joint Venture between Emirates Electrical Engineering LLC (EEE) and International Development Company (IDC).

International Development Company (IDC) is one of the UAEs leading service and supply companies formed under the patronage of Sheikh Tahnoon Saeed Shakhboot Al Nehayan. Over the course of 30 years, IDC has maintained its international expertise in the oil, gas, power and water, telecommunication, private industrial projects, construction, petrochemical industries, along with a reputation for progressive and innovative approaches to business, it has experienced rapid expansion and prosperity.

These two companies have joined hands together to introduce a new and innovative EPC company Emirates Energy Engineering Contracting LLC (EEEC) which aims its core operation in the Oil & Gas Sector by complimenting each other's expertise and competencies in the Engineering & Management fields.





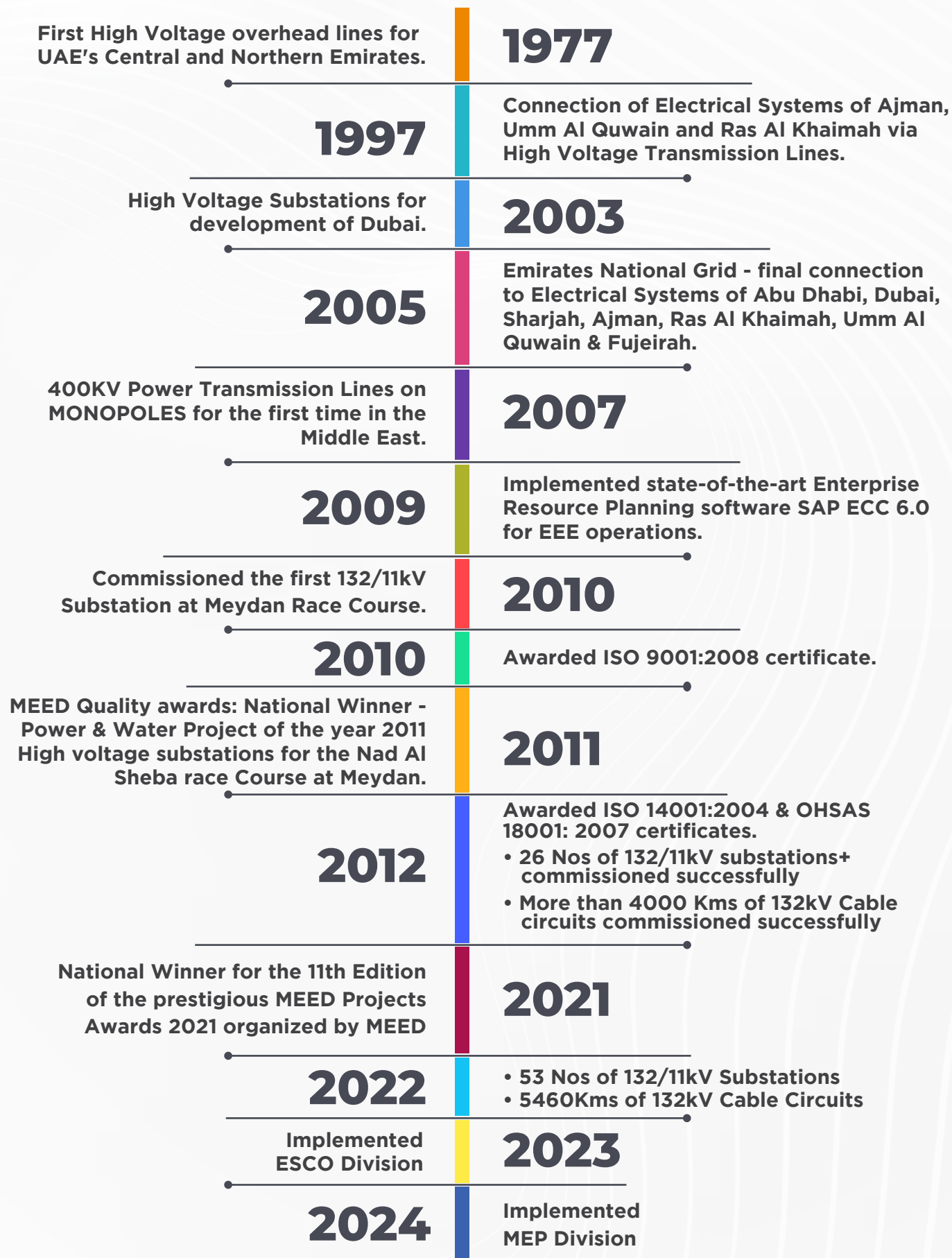
EEEC has a fully functional office in ABU DHABI. We have complete in-house, full-fledged infrastructure to execute EPC contracts starting from teams for Estimation, Planning, Design, Engineering, Procurement, Project Management, Execution and Testing & Commissioning with well qualified and experienced Managers, Engineers & Technicians. We have all necessary tools, test equipment including HV Test Van. Furthermore, we have a dedicated service division to cater to attend the maintenance/service requirement after commissioning.

EEEC has well established management practices in place across our organization. EEEEC uses SAP ERP software for our day to day activities and work with centralized document management system and planning systems. The parent companies EEE, IDC and the Joint Venture company EEEEC are all ISO 9001:2008, ISO 14001:2440 and OHSAS 18001:2007 certified.

EEEC is approved and listed in M/s TAKREER's list of prequalified contractor for executing projects comprising of High voltage Substation, High Voltage & Medium Voltage Cable laying, Fiber Optic Cable laying, Ring Main Units, related Cable networks, Overhead transmission / Distribution lines, Modification & Maintenance works, plant electrics etc. EEEEC is pre-qualified with major oil companies and utilities.



Milestones





Business Areas

Al Rostamani Group business activities cover several areas such as general trading, automobiles and heavy equipment, travel, foreign exchange, financial services, property development, construction, infrastructure development, telecommunications and information technology services.

The strength of the Group is due to its ability to forge longstanding alliances, joint ventures, dealerships and license arrangements with leading worldwide organisations such as Michelin, Castrol, Tyreplus, Federal, Bluestar, Suzuki, Renault, UD Trucks (Nissan Japan), Tata, Dong Feng, NEC, Avaya and Alcatel Lucent. Investments in several European countries and relationships with Japanese, French, German, Dutch and Indian companies spread its influence further afield.

The Al Rostamani Group of companies include: Abdulla Al Rostamani Properties, Al Rostamani Communications, Al Rostamani International Exchange, Al Rostamani Pegel, Al Rostamani Trading Company, Al Rostamani Travel and Holidays, Central Trading Company, Emirates Electrical Engineering and United Diesel.





Our Team

EEE's manpower consists of highly qualified & experienced project management professionals, Engineers, Technicians and skilled workforce who have contributed in delivering many prestigious power projects to various clients in the U.A.E.

EEE has the ability to recruit on a short notice any number of qualified Engineers, Technicians, and Workers from our data bank and through our international recruitment associates, based on new project requirements.



Our Partners

Following well reputed companies from all over the world are EEE's partners in the realization of many prestigious projects :

MITSUBISHI - Japan, ALSTOM - Switzerland, TOSHIBA - Japan, ABB - Germany / Switzerland, SIEMENS - Germany, SGB - Germany, MEIDENSHA - Japan, GETRA - Italy, ALSTOM - Turkey, BEST - Turkey, TAMCO - Malaysia, SCHNEIDER ELECTRIC - Turkey, SIEMENS - Turkey, NOKIAN - Finland, STATRON - Sweden, HATHWAY - N.Ireland, DUCAB - UAE, BRUGG - Switzerland, FULGOR - Greece, TAIHAN - Korea, LS CABLES - Korea, RIYADH - KSA, PRYSMIAN - France, NEXANS - Germany, PFISTERER - Germany, J - Power - Japan, NKT - Germany, ELASTIMOLD - USA, ZAMIL STEEL - KSA, AL BABTAIN - KSA, DALEKOVOD - Croatia, LAPP - Germany, MOSDERFER - Austria, NGK - Japan, AFL - USA, MIDAL - Bahrain





مجموعة الرستمانى
AL ROSTAMANI GROUP

The Al Rostamani Group is one of the largest, and oldest, family business conglomerates in the United Arab Emirates. Founded in 1957, with the late Mr Abdullah Hassan Al Rostamani as Chairman, the Group has grown steadfastly with the guiding principles of Commitment, Care and Vision, alongside a strong sense of active involvement in the community to which it belongs.

It is these very principles that evolved the Group from its humble beginnings to becoming one of the most reputed and respected business entities in the region. The growth and success of the Al Rostamani Group has been part of the impressive progress witnessed in Dubai and the UAE in the past four decades.



The Group is governed by its core values:

Commitment to its partners who continue to believe in, and support, the Group's vision of long term success and to its customers whose satisfaction is of paramount importance.

Care towards the pillars of its organisation, the employees who carry out their responsibilities with pride and dedication, the well-being of the community through CSR activities and contribute towards the sustainability of the environment.

Vision in adopting long-term corporate goals and exploring new business opportunities to achieve sustainable, exponential and dynamic growth for the entire Group.





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