An Integrated Energy Solutions Company

Eighty years ago, we started with a clear vision to position Elsewedy Electric as a progressive market leader, inspired by innovation, determination and spirit of a hardworking staff, empowered and liberated by a strong enterprise system.

Since its inception, Elsewedy Electric has transformed into a global diversified company with over 15,000 employees and 25 production facilities. An Egyptian manufacturing company, we are now one of the top organizations offering energy solutions in the Middle East and Africa. Elsewedy Electric group operates nationally and internationally in five sectors: 1) **Industry sector**: wires and cables, transformers and electrical products; 2) **EPC Sector**: power generation, transmission and distribution of electricity, renewable energy (solar, wind and hydropower), civil construction and infrastructure, water solutions (treatment and desalination) oil & gas, and transportation; 3) **Technology sector**: Data Centers, smart city and artificial intelligence, cloud offering, big data analytics, blockchain solutions and smart energy management; 4) **Investment sector**: Independent Power Producers (IPPs) and utilities development, 5) **Development sector**: Industrial, Logistical & commercial.

Elsewedy Electric owns more than 85 legal entities worldwide, both locally and beyond borders in several other Middle Eastern and African countries, as well as some European and Asian countries.

Behind our success is a professional dedicated team and latest technologies which deliver comprehensive product portfolio and unmatched services. Elsewedy Electric always delivers top rated products and services customers need with the best results they deserve. Our creative solutions help corporations and organizations to quickly adapt to new technologies that enhance business productivity and enable them to stay ahead of the competition.
Vision
To become a worldwide leader to delivering energy, services and value.

Mission
To deliver efficient integrated energy solutions provided with exceptional expertise and service to our customers and communities safely and efficiently.

Value

Integrity
Be ethical, honest and transparent

Customer satisfaction
Offer exceptional customer experience locally and globally through quality products, services and innovative solutions

Excellence
Strive to excel in every aspect of business and approach challenges with determination to succeed

Ownership, Accountability & Collaboration
Assume responsibility for actions and decisions, execute and deliver with a sense of urgency, demonstrate equality, humility and respect for others and collaborate as part of a team

Innovation
Identify, develop and deploy leading edge technology and pursue improvement tools
Empowering Energy Solutions

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- Elsewedy Cables: EPC, Utilities, Power, Utilities, Commercial
- Elsewedy Electric: EPC, Networks, Power, Utilities, Commercial
- Elsewedy Networks: Power, Utilities, Commercial
- Elsewedy Power: EPC, Networks, Power, Utilities, Commercial
- Elsewedy Utilities: EPC, Networks, Power, Utilities, Commercial
Empowering Energy Solutions - 2019

Industry
- Wires and Cables
- Transformers
- Electrical Products

EPC
- Power Generation
- Transmission and Distribution of Electricity
- Renewable Energy (Solar, Wind and Hydropower)
- Civil Construction & Infrastructure
- Water Solutions (Treatment & Desalination)
- Oil & Gas
- Transportation

Technology
- Smart Energy Management
- Data Centres
- Smart City & AI
- Cloud Offering
- Big Data analytics
- Block Chain

Investment
- Independent Power Plants
- Utilities Development

Development
- Industrial
- Logistical
- Commercial

Empowering a Better Life.
Corporate Movie
Wires and Cables

Providing the largest capacity of safe energy in the MENA Region with more than 80 years of experience.

**FACTORIES**
- Egytech Cables
- United Industry
- Elsewedy Cables Egypt
- Elsewedy Cables Algeria
- Elsewedy Cables KSA
- Doha Cables
- Elsewedy Cables Ethiopia
- Elsewedy Sedco
- United Metals
- United Wires
- Egyplast
- Sedplast
- UEIC

**DIVISIONS**
- Power Cables
- Special Cables
- Fiber Optic Cables
- Winding Wires
- Cables Accessories
- Raw Materials
- Insulators
- Explosion Proof Equipment
- Fiber Glass Poles
**Wires and Cables**

**Power Cables**
- Bare Soft & Hard drawn wire and conductor.
- OHTL overhead transmission line AAC, AAAC, ACSR, AACSR, ACC, ABC insulated conductors, Overhead thermal conductors.
- Low voltage cables 500 V up to 3.3 KV
- Medium voltage cables 6 KV up to 36 KV
- High voltage cables 45 KV up to 150 KV
- Extra high voltage cables from 220 KV up to 500 KV
- OPGW (Optical Ground Wires).

**Special Cables**
- Low smoke halogen free cables & wires
- Fire resistance cables
- Fire alarm cables
- Flame retardant cables
- Indoor wires
- Low voltage cables
- Control cables
- Instrumentation cables
- Railway signaling cables
- Flat cables
- Telephone cables
- Co-axial cables
- LAN cables
- Pilot cables
- Data-bus cables
- Appliance cables & cords
- Irrigation cables
- Automotive wires
- Audio cables
Fiber Optics Cables

- All kinds of fiber types complying with all international and specific standards.
- Loose tube cables from 2F to 432F.
- Central tube cables from 2F to 48F.
- All cables are water protected either using Dry elements or Filling compounds.
- Armoured cables for outdoor applications using either corrugated steel tape or peripheral steel wire or combination.
- Rodent protected, moisture barrier, oil resistant, flame retardant, low smoke, UV resistance, hydrocarbon resistance, and any other specific client requirements.
- Specific designs to meet any required mechanical properties (tensile strength short or long term, crush resistant, twist & anti-buckling resistant, impact resistant & environmental resistance).
Wires and Cables

Winding Wires

- Enameled wires.
- Flat wires, insulated with "Kraft and epoxy paper, Nomex, or Polyimide film".
- Plain copper wires.
- Tinned copper wires.
- Welding wires (bare copper wires).

Raw Materials

- Copper cathodes.
- Copper rods as per ASTM-B49-1998 Std.
- PVC compounds & master batch for cable insulation & sheathing.
- Polypropylene.
- Steel wire.
CABLE ACCESSORIES

- Pre-molded power cable joints up to 36 KV
- Pre-molded transmission cable joints up to 72.5 KV
- Pre-molded modular terminators up to 36 KV
- Pre-molded transmission cable terminations up to 72.5 KV
- Dead break separable connectors “elbows” 250 A and 630 A, Interface A,B,C and D up to 36 KV
- Outdoor sealing end porcelain terminations up 72.5 KV
- LV- Heat shrinkable joints & terminations up to 0.6/1(1.2KV)
- LV- Resin joints up to 0.6/1 (1.2KV)
- Heat shrinkable products: tubes, sheds, end caps, boots…LV& MV
- Metals Products: lugs, connectors, corona shield…LV, MV & HV up to 220KV
- Link boxes: All types 66 KV Up to 400 KV

EXPLOSION PROOF EQUIPMENT

- Explosion proof Electrical Equipment (normal Lighting Fixtures-Junction boxes and terminal enclosures-Plugs and receptacles)
- Control and distribution panels-LED Lighting Fixtures).
- Industrial, Hazards area Cable glands & accessories.
- Cable accessories (luges and connectors).
- Cables Joint, termination and Elbow kit.
- Fiber Optic Cable accessories.
- Heat shrinkable products.
- Earthing protection solutions.
- Lightning protection systems.
- Solar system.
- Cable tray, ladder& conduit system.
HV & OPGW Cables Solutions

High & Extra High Voltage Cables & Turnkey Projects
Elsewedy Cables is a leading cables manufacturer that produces HV & EHV cables that can reach up to 500 KV, Elsewedy Cables offers integrated solutions for Power Transmission, Power Generation, Extra High Voltage Substations and Infrastructure Projects.

OPGW installations (off-line and live-line installations)
Live Line installation technique is very essential when it’s impossible to shut down the power line to improve the communication infrastructure as sometimes you must continue establishing a communication link between both substations. Elsewedy Electric has developed an installation method enabling to process such installation with both circuits energized. The installation can be done for the following purposes:
- Replace ground wire with an Optical Ground Wire (OPGW) to provide signal exchange and broadband communication
- Extend and upgrade an existing OPGW below the top of the tower
- Repair of defective OPGW
INSULATORS

- Cap & pin insulators for medium and high voltage including.
- Bushing insulators for circuit breakers, distribution and power transformers & bushing insulators for substations.
- Low voltage insulators 1.1 KV.
- Pin insulators 15, 25, & 36 kV applications
- Post insulators for indoor & outdoor use and others…etc.
- Long - rod insulators.
- Low voltage spool & shackle insulators.
- Stay insulators.
- Line post insulators.

FIBER GLASS POLES

- Resistant to deflection and bending.
- Resistant to UV radiations.
- Resistant to vibrations.
- Resistant to chemical and corrosive reaction.
- Easily drilled.

- Street lighting poles.
- Cross roads poles.
- Wide area poles.
- Overhead transmission poles.
Transformers

Distributing valuable power “Owning state of the art setup to produce wide range of highest quality transformers”

FACTORIES

• Elsewedy Transformers - Egypt
• Elsewedy Electric - Zambia
• Elsewedy Electric - Algeria
• Elsewedy Electric - Nigeria

DIVISIONS

• Power Transformers
• Oil Immersed Transformers
• Cast Resin Transformers
• Installation & Maintenance
Transformers

POWER TRANSFORMERS

CAST RESIN DRY TRANSFORMERS

PRODUCT VALUES

- Inflammable, self-extinguishing.
- Environment friendly.
- Installation flexibility.
- Maintenance free.
- Longer life time.
- Smaller size by 20%.
- Lower noise level.
- High loading profile.
**Transformers**

**OIL IMMERSED**

Our products are manufactured in conformity with the latest IEC standards and include two main types:

- Hermetically sealed (without conservator).
- With conservator.

We produce Oil Immersed Distribution Transformers from 25 KVA up to 5000 KVA with a primary voltage up to 33 KV.

**AFTER SALES SERVICE**

We have established a new services division that offers different packages of services for transformers that are either supplied by us or by other manufacturers.

**Services:**

- Installation & acceptance testing
- On-site repair
- On factory repair
- Oil purification
- Electrical testing
- Spare parts supply
- Maintenance contract
- Training
Elsewedy Electric is considered one of the emerging EPC contractors with an extensive experience in the business of Power Generation and HV substation projects. Elsewedy PSP demonstrated its aggressive presence within the Egyptian market which enabled an expansion within the MENA Region; backed by the corporate global activities.
Power Generation

Elsewedy PSP is enforcing its presence and strength in the local and international markets; gained solid credibility by conducting strategic alliances with global energy leaders; for delivering high quality projects that meet market standards and requirements and exceed expectations.

Elsewedy PSP serves a wide spectrum of markets, working with power generation & transmission companies from public & private sectors, public utilities and industrial & infrastructural; providing engineering, procurement, manufacture and construction services.

A Technically and economically optimised solutions and services.

B Satisfactory reference projects throughout the Middle East and Africa

C A large number of satisfied customers from power generation and transmission companies
Elsewedy Electric T&D aspires to be a global leader in providing safe & environment friendly energy solutions to the growing infrastructure needs of its valued clients across the Middle East and Africa. We are driven by our core values which percolate from the management to every stakeholder towards our journey to excellence. We are an ISO 9001, ISO 14001, and OHSAS 18001 certified company with an in-house capability to undertake design, engineering, procurement & management of installation activities for electrical power transmission & distribution projects on turnkey basis.

**Scope of Work**
- Overhead Transmission Lines
- Electrical Substations

*Extended presence to provide a convenient communication...*
Integrated Energy Solutions

Serving the complete value chain of energy sector from power generation to transmission and distribution.

Power Generation
Elsewedy T&D offers an EPC solution for power generation projects through maximizing our full service portfolio to integrate Engineering, Procurement, and Construction services with experienced project management team that can tailor our services to meet our customer projects and business activities.

Transmission & Distribution
Electrical lines and Substations are mainly built on the following:

1. Selection of the technology and routes
2. Functional description of equipment adapted to needs
3. Design & engineering studies
4. Construction and project management
5. Testing, commissioning and handing over
Our EPC Sector develops, designs, builds and operates assets across the different fields of power industry, whether in Power Generation, T&D, outsourcing the corporate capabilities, cooperating with major developers, contracting with EPC contractors and focusing on emerging and growing markets.
Projects Development & Renewable Energy

Renewable Energy Segment
Powered by the expected growing demand for clean energy in Egypt & MEA region, Elsewedy Electric had the clean energy sector established that is responsible for the wind and solar energy complete solutions. Elsewedy Electric integrated and utilized all capacities within the group to provide specialized, complete, and full service to the wind and solar energy markets using our diversified portfolio of products. Furthermore, we have Elsewedy Electric Towers (EET), a company that has grown to become one of the leading wind turbine towers manufacturers in the Middle East & Africa. In addition, we offer a wide product range to meet the demand of the renewable wind energy around the world.
ROWAD Modern Engineering now is one of Egypt’s most reputable contractors and has built a strong reputation due to our growing business in Algeria, North Africa, Chad, and Mozambique. Through a program of alliances with major international civil engineering contractors and specialist contractors, we are able to undertake multidisciplinary projects of high scale and complexity. Our customer satisfaction program has been our guiding star. It sets direction to everything we do and it guarantees our ability to meet the highest standards while conforming to their requirements, preventing errors, and performing better than expected.

**Infrastructure**

RME has a deep resource of infrastructure related engineering and construction expertise and tools, as well as the needed extensive experience in bridges construction, barrages and water projects in addition to water, sewage, and electrical networks construction.

**Industrial and Power**

RME has extensive experience in building turnkey manufacturing facilities, power projects, cement factories, petrochemicals, electrical substations as well as oil & gas establishments.
Construction & Infrastructure

**Commercial and Special Buildings**
RME has the expertise and technologies to build commercial and special buildings according to the local and international market standards and to address projects of any size and anywhere in the MENA region such as international educational facilities, shopping malls, hotels, administrative buildings and hospitals.

**Monument Restoration & Structural Repair**
RME is specialized in the maintenance and rehabilitation of structures such as bridges, tunnels, and public buildings where the latest technology and methods of repair are implemented.

**Reinforced Earth Systems**
One of RME's most successful fields is retaining walls for infrastructure projects and commercial compounds adding flexibility and architectural beauty by introducing the reinforced earth systems through the implementation of soil reinforcement using the Geo-Grid material technology.
Beni Suef Video - PSP
Managing Energy Efficiently, “One of the world’s most technologically advanced producers of Metering Equipment and Services”

**FACTORIES**
- ISKRAEMECO - Slovenia
- ISKRAEMECO - Egypt
- ISKRAEMECO - Malaysia

**DIVISIONS**
- Electricity Meters
- Communication Tools
- Software Solutions
- Support Services
ELECTRICITY METERS

- Residential meters.
- Residential Smart meters.
- Prepaid meters.
- Industrial and Commercial meters.
- Grid meters.
Energy Management

COMMUNICATION TOOLS

- Data Concentrators.
- Gateways.
- Data Loggers.
- Communication modules.
- Tools and Accessories.

SOFTWARE SOLUTIONS

Metering data can be easily collected and managed without modern software platform and numerous related applications.

- System Software.
- Software Tools:
  - Tools for Utility engineers.
  - Tools for Field technicians.
3W Networks is a world class telecom and security systems integrator operating in the Middle East, Africa and Asia Pacific regions. The focus of 3W Networks is to provide integrated communication solutions to oil & gas, power utilities, telecom operators, transport, and infrastructure sectors. The company offers its clients a comprehensive range of complete turnkey and fully integrated solutions to suit any application involving telecommunication, radio, voice & data, safety, security, and fiber optics.


Four Main Pillars
- Flexible Solutions for Oil & Gas Industry
- Reliable Solutions for Power Utilities Industry
- Cost Effective Flexible Solutions for the Transport Sector
- Delivering End to End Solutions for Telecommunication Industry
Industrial and Commercial Development

A leading community developer in the region, committed to sustainable development to serve the society in an efficient and ethically responsible manner, and to create value for our clients and employees while attracting foreign and local investment and enhancing competitiveness.

Industrial Development

“We are Egypt’s leading master industrial developer for 5 millionsquare meters of land bank. In partnership with main big specialized entities. We are developing three industrial parks (Industira West, Industria East & AlOula) with industrial clusters comprising food processing, engineering, textile, building materials, other clean Industry and logistics.”
Industrial and Commercial Development

Logistics Development

SLP is specialized in developing logistics properties, an activity that sprouted from the success story of Elsewedy in the industrial development domain through Pi Parks and Al Oula. Located in Industrial West with 14,000 SQM of warehouse ambient and temperature controlled space. SLP #One will be operated in corporation with DB Schenker Egypt, DBS is one of the top 3 logistics service providers worldwide through a strategic partnership agreement, the two companies have joint development plans for innovative and sizeable logistics assets in Egypt and the MEA region.

Commercial Development

Souq Masr intends to offer its visitors a shopping experience like no other. It takes you on a journey through color-coded categorized districts that have been linked by bridges for ease of walkability circulation and access. With a total of six districts covering the entire range of finishing and building needs, each district is allocated a certain specialty: Plumbing, Electricity, Marble, Wood, Paint and strategic building materials. Peppered throughout the development are public areas and piazzas for your resting, sociability and convenience needs. Souq Masr has been cleverly master-planned to create an engaging and enjoyable retail experience for the shopper and an equally lucrative and beneficial opportunity to the traders.
Having built and commissioned projects for partner companies throughout the Middle East and Africa, we are now investing in our own power and utilities projects. We ensure that customers and end users benefit from the same rigorous attention to quality and service that are the hallmarks of Elsewedy Electric worldwide.

INDEPENDENT POWER PRODUCERS
A dedicated division for power generation projects. We handle all engineering, procurement and construction in house.

UTILITIES DEVELOPMENT
A dedicated company for public utility projects. We offer end-to-end solutions for commercial, industrial and logistical clients, including maintenance and finance.

Our services:
Electricity distribution
Gas distribution
Water
Waste water
Solid waste collection.
Thank you