



# كور انرجي CORE ENERGY

للاعمال الكهروميكانيكية ذ.م.م - ش.ش.و  
ELECTROMECHANICAL WORKS (S.P.S - L.L.C)

## CORE ENERGY FOCUS

Design, development, testing, and supervision of electrical equipment manufacturing.

## VISION

To lead the electrical energy consulting sector with comprehensive services in power generation.

## MISSION

Delivering quality, reliable, and safe electricity services that contribute to the gulf region's Economic growth and development.



## SUBSTATION RELATED SERVICES

- ▶ Transformer erection & commissioning
- ▶ Transformer repair & services
- ▶ Dehydration & filtration
- ▶ Overhauling & leakage arresting
- ▶ Switchgear installation & testing
- ▶ Earth pit installation & testing
- ▶ Inspection & sampling
- ▶ Analytical testing
- ▶ Diagnostic services
- ▶ HT cable termination works
- ▶ Substation earth grid test
- ▶ Substation step and touch potential test



+971 54 3429674

+971 55 4390764

info@coreeemworks.com

inquiry@coreeemworks.com

Shop No. 04, Al Jeddah Street,

Suleman Building 02, Al Jurf 03, Ajman - U.A.E



We are capable to do the repairing & servicing and modification of power & distribution Transformers of any make, up to 400 mva capacities 11, 33, 66, 132, 220 & 400 kv Class core energy electromechanical has all the facilities, technical know-how, and requisite machinery & we have the latest dehydration & filtration plants 1200 liters & 6000 liters ultra & high vacuum for dehydration & filtration of transformer oil. We have trained manpower, including engineers, cable jointers, technicians.

## **SPECIALIZED SERVICES & EXPERTISE**

### **KEY ACTIVITIES**

Power & distribution transformer services

1. Maintenance, reliable repair, and assembly
2. Oil filtration & regeneration
3. HV & LV breaker and switchgear maintenance
4. Flexible annual maintenance contracts
5. Comprehensive electrical testing
6. Equipment rental solutions
7. On-site sampling and electrical/chemical testing
8. Earthing services (installation, testing, commissioning, earth pit drilling, earth rod installation)
9. Cable laying, termination, testing & commissioning

### **ON-DEMAND SERVICES**

Transformer oil

Transformer breather & Silica gel

Other transformer accessories

### **TECHNICAL ASSETS**

Oil filtration plant (3000 to 12000 LPH)

Vacuum pumps (2000 to 6000 LPM)

Oil storage tanks (2000 to 30000 LH)

Oil storage SS tanks (25000 LH)

Dry air plant

Bdv kits

Oil bath kits

Sfra test kit

Tan delta test kit

Micro ohm meters

Transformer winding resistance meters

Isolation transformers

AC/DC high voltage testers

Meggers

Digital oscilloscopes

Grounding rods

Secondary injection kits

Clamp meters

Multimeters

Circuit breaker analyzers

Phase angle measurement tools

Generatorst