

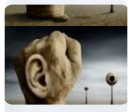


**ECOENERGY**

Your Electrical Economic Systems Solutions

Company Profile

# Content:



I. About Us



III. Looking Towards Future (Mission, Vision & Values)



IV. Our Team



V. Our Wide Range of Products and Services



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## CEO's Message

In behalf of Eco Energy I would like to express my sincere gratitude for the constant encouragement and support of our customer.

It is our great pleasure to present this brochure for our esteemed customers and friends over the world to be able to understand our business lines and products which will help you gain a basic information of our core business activities in brief.

Our product line covers a wide range of electrical equipment from low voltage to high voltage and from the services we provide wherein we offer the advanced and comprehensive solutions to meet or exceed our customers expectations and also help them ensure the reliability in distribution and transmission with our quality products and services.

To maintain its leadership in high technology supply, Eco Energy is increasing its limitless effort to create a new electrical solution by continuous research for high technology industries and operating world-wide overseas so that our customers always can contact us and send us any inquiry in the field of electrical industry.

We sincerely hope that this brochure would help you understand our business activities.

Should you need further information or have any inquiry for our products and services, please feel free to contact us.

Looking forward to support your project needs.

Sincerely yours,

ECOENERGY CEO

## About Us

Established in 2023 as Service & Contracting Company by a Specialist and Skilled professional consultants/engineers who are very active in the utilities and private energy market, managing a package of electro-mechanical product.

In consideration of our good reputation and good connection with utilities and electric authorities of the main countries in our area (Yemen, Oman, UAE, Qatar & Egypt), we are very much interested to have with your company a mutual benefit and long term cooperation, to promote and sale your product into our area.

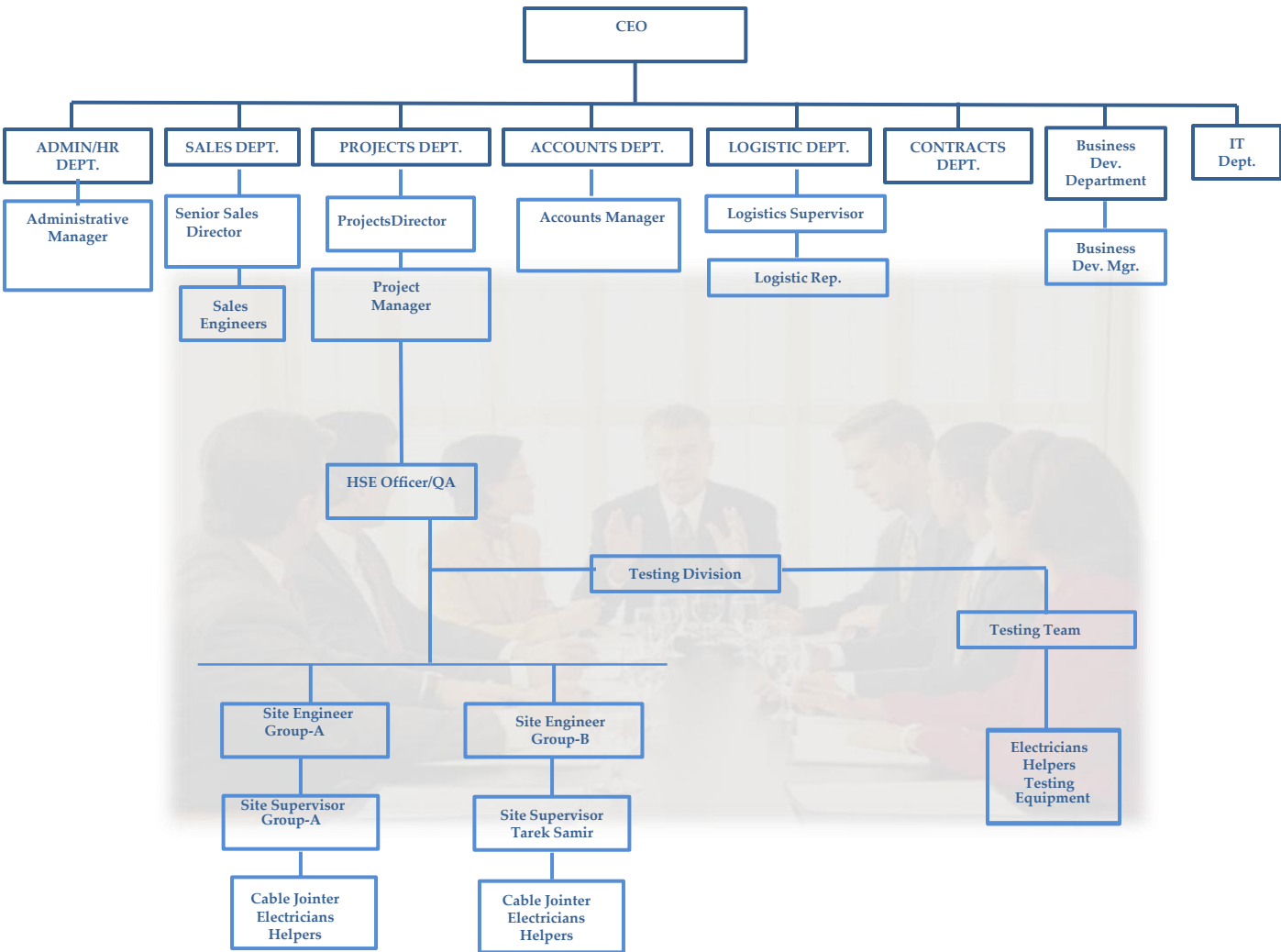
We are dealing with Middle East Market Via: Our office in Abu Dhabi (M/s. ECO Energy) Especially for TAQA / Abu Dhabi Market.

**In our pursuit of quality and high standard service to our customers, we are a certified company for ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018**

## Looking Towards future (Our Vision, Mission and Values)



## Our Team... Organizational Chart



## Our Wide Range of Products and Services

### PRODUCTS

Transformers  
Package Substations  
Switchgears  
Kiosks and Enclosures  
Protection Relays  
Power Control Systems  
Power Electronics  
Solar Systems  
Wind Power Systems  
Steel Fabrication Works  
Spun Concrete Poles  
Cables  
Cable Accessories  
Overhead Lines  
Testing Equipments  
Energy Meters  
Earth Fault Indicators  
Cable Height Meter  
On-Line Partial Discharge Equipments  
Oil Regeneration Systems

### SERVICES

- Installation, Testing, Commissioning & Preventive Maintenance
- Relay & Control Panel upgrade and Modification.
- Partial Discharge Diagnosis
- Infrared/Thermal imaging

## Transformers



**Power Transformer**



**SF6 Gas Insulated Transformer**



**Cast Resin Transformer**



**66KV Power Transformer**



**31.5 MVA Power Transformer**



**20 MVA Power Transformer**

## Package Substations



## Switchgears



## GRP Kiosk & Enclosures



## Protection Relays



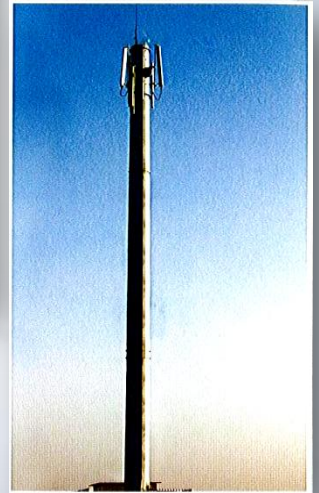
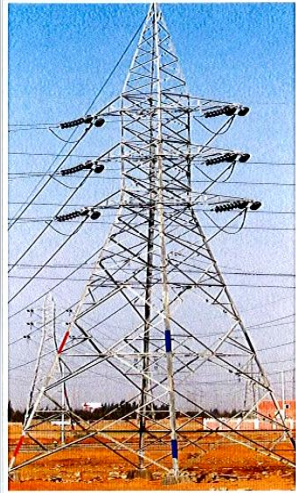
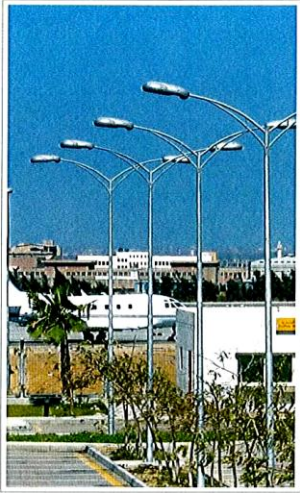
## Power Control Systems/Power Electronics



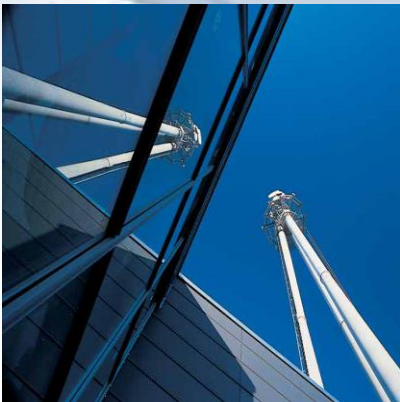
## Solar Systems



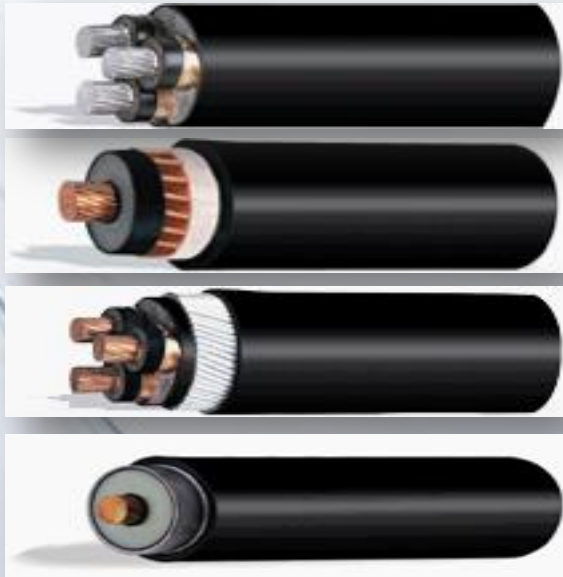
## Steel Fabrication Works



## Spun Concrete Poles



## Cables



## Cable Accessories



## Overhead Lines



## Testing Equipments



AC Dielectric System

## Energy Meters



## Earth Fault Indicators



## Cable Height Meters

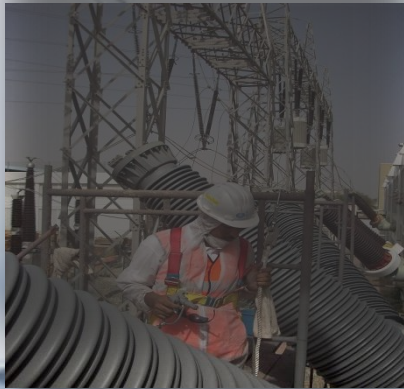


## On-Line Partial Discharge Equipments



# Services

## Installation & Commissioning



## Site Testing



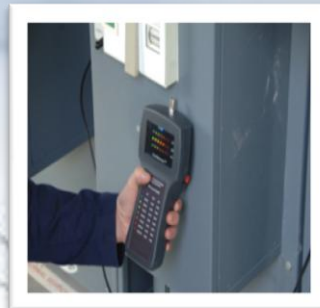
### System Studies:

- ✓ Substations commissioning
- ✓ Supervision / Coordination of substation erection activities
- ✓ Trouble Shooting / Fault Analysis
- ✓ HV Test up to 100KV AC/DC
- ✓ Transformer Oil Samples Testing
- ✓ Comm. Of Electrics in Process plants
- ✓ Testing / Calibration of Meters
- ✓ OHL Commissioning
- ✓ Energy Audits
- ✓ Tan Delta Tests
- ✓ Design Activities

## Preventive Maintenance

The PDSurveyor™ handheld PD surveying tool is the 'first-line of defense' for the detection of PD activity in medium voltage (MV) power cables and plant in the voltage range 6.6kV to 45kV.

- Handheld, pre-screening tool suitable on-line detection of PD activity in MV cables and plant.
- 3x PD sensors (TEV, Acoustic and HFCT)
- Lightweight & portable device
- Simple 7-Level, colour-coded PD level display.
- Easy to Use





### **Infrared/Thermal Imaging System**

Infrared/Thermal Imaging System has everything you need for industrial Predictive Maintenance and more; crystal clear images from a highly sensitive 640 x 480 uncooled infrared sensor, precise temperature measurement and the most powerful range of easy to use camera tools and unique Condition RED® database and software options. With a rugged industrial housing, an articulated central optics pod for ergonomic safe operation and high contrast Day Bright™ touch screen, Infrared/Thermal Imaging System provides high definition thermal and visual image clarity in any lighting conditions. Infrared/Thermal Imaging System high resolution detector and 1.3 M pixel colour camera makes surveys more efficient and cost-effective. With integral LED illuminator/flash, laser pointer and voice recording, Infrared/Thermal Imaging System packs a knockout punch in the industrial Predictive Maintenance arena.

### **Corona Camera Highlander**

Is the corona and arcing detection solution for driven inspection. Highlander is an integration of the most sensitive UV emission detection system with a precise pan-and-tilt unit and a vehicle mount. Control over the inspection systems is from inside the vehicle. With Highlander inspections of long lines is comfortably facilitated. Highlander provides high resolution video output of remotely inspected objects with high signal to background ratio. Highlander streamlines maintenance tasks of long overhead lines. Highlander's reporting software renders flexible customized professional reports.



## Our Customers





**ECOENERGY**

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Website: [www.econergyad.com](http://www.econergyad.com)

