



**Egyptian Companies  
For  
Electrical Power Projects  
Engineering, Consturction  
And  
Supply**

# **LIST OF COMPANIES, ORGANIZATIONS AND MANUFACTURERS FOR ELECTRIC POWER PROJECT**

## **Introduction**

**The Egyptian Ministry of Electricity and Energy and its affiliated Authorities and Companies have adopted an ambitious program for the localization of all services, supplies and industries related to the sector projects. Since then many local manufacturing and services companies have emerged, these companies now manufacture a large portion of the components of the power generation and distribution projects.**

**All components are being manufactured in accordance with the international governing standards and to the highest level of quality. The dependability and soundness of such components have been proven through their extensive use in the sector's projects for over a decade, additionally foreign purchasers now appreciate the quality of such products and depend on Egyptian manufacturers to provide components for their future projects.**

**The number of local manufacturers now producing components for the power projects has greatly increased during the past years. Additionally the variety of products currently produced in Egypt is great. Accordingly the need to initiate a guide for the manufacturers and the products has emerged. This guide is a compilation of manufacturers, firms, and service companies working in the power sector in Egypt. It is intended to be used by both local and foreign purchasers and to facilitate the communication with the Egyptian sources.**

**Hoping that this guide will provide all buyers/ purchasers with information that facilitates their suppliers search, and hoping that the dependability on Egyptian products flourishes and continues to grow in the future .**

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# A

## Engineering



**A 1 - POWER GENERATION ENGINEERING  
COMPANY & SERVICES COMPANY (PGESC<sub>o</sub>)**

**A 2 - EGYPTIAN POWER SYSTEM  
ENGINEERING COMPANY (EPS)**

## **A 1- POWER GENERATION ENGINEERING COMPANY & SERVICES COMPANY (PGESCO)**

PGESCO is joint stock company that was incorporated in Egypt on March 1993. The company is engaged principally in engineering, procurement, project and construction management services for power generating stations.

Company partners include the Ministry of Electricity and Energy of Egypt, Bechtel corporation of the USA, and the Commercial International Bank of Egypt (CIB).

### **Communication Data:**

Executive Manager	Dr. Asem Elgawhary
Capital Investment	5 M L.E
No. of Employees	144
Year of Establishment	1993
Address	105, Omar Ibn Elkhattab Str., Heliopolis, Cairo
Tel.	(202) 4176270 – 4175863
Fax	(202) 2918343
E-mail	info@pgesco.com
Web Site	www.pgesco.com

### **Main Activities:**

- 1- Studies and Reviews;
- 2- Engineering;
- 3- Project Management;
- 4- Construction Management / Start up and Commissioning;
- 5- Procurement;
- 6- Environmental Studies.

**Examples of executed projects:**

- 1- New Talkha 750 MW Combined Cycle Project;
- 2- El-Kuriemat 750 MW Combined Cycle Project;
- 3- Suez Thermal Power Plant Steam Generator Project;
- 4- Nubaria Combined Cycle Power Plant;
- 5- Cairo North Combined Cycle Power Plant;
- 6- Cairo North Combined Cycle Power Plant Extension
- 7- Sidi Krir and Ayoun Moussa Power Projects;
- 8- Aleppo Power Project;
- 9- Ghazian Power Project;
- 10- Al –Taweelah Power Project;
- 11- El –Arish Shoreline Erosion Protection;
- 12- 500 KV Suez Canal Tower Crossing;
- 13- 500 KV Tower Termination to Sidi Krir and Ayoun Moussa;
- 14- Electrical Studies for Proctor & Gamble new facilities;
- 15- Pre-feasibility Study for SUMED OIL Company;
- 16- Cairo Sheraton Hotel Co-generation Units;
- 17- Sidi Krir Units 3 & 4 Power Plant;
- 18- Suez Gulf and Port Said East Power Plants.

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## A 2-EGYPTIAN POWER SYSTEM ENGINEERING COMPANY (EPS)

EPS is a joint stock Egyptian Company established on October 1982. The company is specialized in carrying out engineering and construction services in the field of Electric Power Systems.

Since its establishment, EPS has executed more than 1150 engineering projects in the fields of electric power generation, transmission and distribution in Egypt and in Arab Countries.

The services cover power system planning, techno-economic feasibility studies, power system analysis and preparation of specifications and supervision of construction site.

### **Communication Data:**

Chairman	Dr. Hamdi El Shaer
Capital Investment	5 M.LE
No. of Employees	230
Year of Establishment	1982
Address	Misr Leltaamir Buildings – Sheraton Heliopolis Zone 8 , Street No. 9 , Building 7,
P.O.Box	90 - Heliopolis
Tel.	(202) 2669414 / (202) 2669424 (202) 2669427 / (202) 2669437
Fax	(202) 2661810
E-mail	eps@link.com.eg
Web Site	www.eps-egypt.com

### **Main Activities:**

1- Full range of consultancy and engineering services in all fields of Power System Maintaining the highest international technical standards:

- Project investigation
- Document and engineering services

- Project implementation
- Operation and training
- Project management
- Design work.

2- Arrangements or contracts with several of such specialists as in-house consultant or as independent external consultant.

**Examples of executed projects:**

- 1- Extension for Co-Generation Project- Talkha
- 2- preparation of Qualification Documents for Zafarana Wind Farm Project.
- 3- Study for the installation of a 220/30 kV S/St for feeding steel rolling company.
- 4- GIS information system for MV network of Monofia District.
- 5- Alexandria high voltage network development up to year 2015.
- 6- Protection coordination of Ras Ghareb Electric network.
- 7- Extension of Cairo East control center.
- 8- Design of Electrical networks for many projects in Egypt.
- 9- Modification of some 220 kV TLs in Egypt
- 10- Tow spotting foundation design for some TL in Egypt.
- 11- Supervise erection of some cables in Egypt.
- 12- Employment services for Tabouk Electric Company in Saudi Arabia.
- 13- Provision and installation of AMPLISMA package for Tabouk Electric Company in Saudi Arabia.
- 14- Consulting services for the required technical personnel needed in Fannar Company in Saudi Arabia.
- 15- Investigation for Rehabilitation of Iraq network.**

# B

## CONSTRUCTION COMPANIES



**B 1 - GENERAL COMPANY FOR  
ELECTRICAL PROJECTS (ELEJECT)**

**B 2 - HIGH DAM ELECTRICAL AND  
INDUSTRIAL PROJECTS COMPANY  
(HIDELECO)**

**B 3 - MISR COMPANY FOR MECHANICAL AND  
ELECTRICAL PROJECTS (KAHROMIKA)**

**B 4 - THE ARAB CONTRACTORS OSMAN AHMED  
OSMAN & Co.**

## **B 1- GENERAL COMPANY FOR ELECTRICAL PROJECTS (ELEJECT)**

**ELEJECT** is A Public Enterprise Sector Company Affiliated to the National Company for Construction and Development, registered at the Egyptian Union for Building and construction Contractors (first class).

The company is specialized in construction and execution of integrated electric power transmission projects inside and outside Egypt as turnkey jobs including the performing of technical studies, market survey, preparing the tender documents, civil investigation and survey works

### **Communication Data:**

Chairman	Eng. EL Sayed Abd El Hamied El Shahat
Capital Investment	15 M L.E
No. of Employees	3000
Year of Establishment	1965
Address	12 Youssef El-Gendy St. Bab El-Louk – Cairo
Tel.	(202) 7943344 / 7954373 / 7957742
Fax.	(202) 7944127
E-mail	eleject@commnet.com.eg

### **Main Activities:**

1. Execution of Electric Power Station Projects up to capacity of 600 MW.
2. Execution of Overhead Transmission Lines up to 500 kV.
3. Execution of 220/66/11, 66/11 kV Substation.
4. Execution of 66 kV Cable Lying Projects.
5. Execution of Electrical Energy Distribution Projects.
6. Execution of city and village Illumination Projects, and Rural Electrification.
7. Execution of Industrial Construction Projects.

8. Execution of Communication Projects.

9. Manufacturing of Lattice Towers, Electric Boards and Trailers.

**Example of executed projects:**

<b>No.</b>	<b>Projects</b>	<b>Total Contract Values In Million</b>	<b>Currency</b>
1	Replacement of insulators string of the 500 kV OHTL of High Dam /Cairo	11.226	LE
2	Modification of Abu Zabal / El Tebin and Abu Zabal / Suez 500 kV OHTL	5.6	LE
3	More than 50 project OHTL in Egypt	> 200	LE
4	Projects in Algeria, Sudan, Morocco, Libya, Saudi Arabia, Yemen and Lebanon	> 65	US \$
5	More than 65 projects 66 kV OHTL in Egypt	> 80	LE
6	More than 40 cable projects in Egypt	> 50	LE
7	More than 30 Substations 220/66/11 kV and 66 / 11 kV in Egypt	> 85	LE
8	Medium and Low voltage projects	> 320	LE
9	Industrial Construction	> 100	LE

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**B 2- HIGH DAM ELECTRICAL AND INDUSTRIAL  
PROJECTS  
COMPANY (HIDELECO)**

**HIDELECO** has experience in the installation of the hydro-electric power station, extra high voltage substations and overhead transmission lines 500, 220 & 132 KV.

The company has executed many important projects either in Arab Republic of Egypt or Arab Countries ( Lybia, Saudi Arabia, Algeria, Sultanate Omann, United Arab Emirates and Morocco) with high efficiency and precision.

**Communication Data:**

Executive Manager	Eng. Fawzi Gaballah
Capital Investment	10 M L.E
No. of Employees	1500
Year of Establishment	1971
Address	10 Officers`Buildings-Ramses Street Extension- Nasr City-Egypt.
Tel.	(202) 4827734 / 6842694
Fax	(202) 2858129 / 6860035
E-mail	M.HIDELECO@gega.net

**Main Activities:**

Supply and erection of:

- Power stations either thermal or hydro or wind farms.
- Substation of different voltages up to 500 KV.
- Overhead transmission lines up to 500 KV.
- Laying under ground cables to 220 KV.
- Industrial projects.
- Pumping stations either for irrigation or sewage purposes.
- Medium & low voltage distribution systems in new cities.

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**Example of executed projects:**

1. Installation of turbines, pipe lines, cranes & gates for Aswan II hydro-electric power station (4X75 M.W).
2. Complete rehabilitation of High Dam hydro-electric power station turbines.
3. Complete rehabilitation of the boilers steam turbo-generating power station of Damanhour (3x15 + 3x65 M.W) and Assiut (3x30 M.W).
4. Gas turbo-generating sets complete with civil works, fuel tanks, fuel pumping systems and thermal & electrical control systems for many power plants.
5. Five substations 220/66/11 kV for Lower Egypt , Three substations 132/66/11 kV for Upper Egypt and twenty eight substations 66/11 kV for Lower Egypt.
6. Over head transmission lines, double circuits, 1657 km of 220 kV, 130 km of 132 kV , 1054 km of 66 kV and 340 km of 33 kV.
7. Underground cables with joints, 98.78 km of 66 kV.
8. Changing insulators of the 500 kV transmission line from Aswan High Dam to Cairo (1000 km).
9. Installation of all mechanical and electrical equipment for many industrial projects.
10. Installation of equipment for Rural electrification projects for some Governorates in Egypt.
11. Supply and erection of medium and low tension equipment for some cities in Egypt.
12. Many diesel and gas generating power stations of various capacities in different locations.
13. Maintenance and rehabilitation of existing power stations, substations, transmission lines and medium & low tension equipment of different cities and villages.

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### **B 3-MISR COMPANY FOR MECHANICAL AND ELECTRICAL PROJECTS (KAHROMIKA)**

**KAHROMIKA** is private Company specialized in installation of mechanical and electrical projects. The company enlisted the services of a group of highly qualified engineers, accountants, administrators and technicians who had acquired extensive experience from projects appertaining to the power sector such as power plants and transmission lines.

#### **Communication Data:**

Chairman	Eng. Adel Abd El Maaboud
Capital Investment	50 M L.E
No. of Employees	1214
Year of Establishment	1971
Address	3, El Seloly Street, Dokki, Giza - P.O Box 2375 Cairo
Tel.	(202) 7486488 / 7484515
Fax	(202) 7488201
E-mail	kahromika@online.com.eg

#### **Main Activities:**

Supply & erection of:

- 1- Sheet metal works for steam power stations;
- 2- Substations of Different voltages 500, 220, 66, 33, & 11 kV;
- 3- Storage tanks of different capacities.;
- 4- Transmission towers of different voltages 220, 66, 33, & 11 kV;
- 5- Light and heavy built-up sections ;
- 6- Welded pipes of large diameters.

#### **Example of executed projects:**

- 1- El- Kurimate Power Station 2x 650 MW;
- 2- Sidi Krir Power Station 2x 325 MW;

- 3- Ayoun Musa Power Station 2x 325 MW;
- 4- Abu-Qir Power Station (4x150 MW + 1x325 MW)
- 5- Talkha Power Station (3x 12.5 + 3x 30 + 2 x 210 MW)
- 6- Damietta Combined Cycle Power Station (6x 150 MW)
- 7- Extension of Nag Hammadi substation 500/132 kV;
- 8- 98 substations of different capacities in Egypt;
- 9- 1400 kms of 220 kV double circuits TL with foundations
- 10- 1200 Kms of 132, 66, 33 kV TL;
- 11- 930 kms of cables complete with joints for 220, 66, & 33 kV;
- 12- Fabrication and supply of 60000 Tone Towers for Egypt  
(66,22 &11 kV);
- 13- Fabrication and supply of 40000 Tone Towers for Lebanon (11 kV);
- 14- Boilers for Abu Qir power station 500 Ton, Damanhour power station  
300 Ton;
- 15- National Energy Control Center;
- 16- Protection system projects for the 500 kV network in Cairo 500,  
Samalut, Nag Hammadi and High Dam substations.

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#### **B 4- THE ARAB CONTRACTORS OSMAN AHMED OSMAN & Co.**

**The Arab Contractors** is one of the largest construction firms in the Middle East. The company is dedicated to revitalizing its people, resources, knowledge and experience base to serve the community. This is achieved by providing premium quality construction services at fair rates, being responsive to customers, merging market mandates in a responsible and efficacious manner and producing a sustained growth posture that will secure its dominant position in the construction services industry for years to come.

The Arab Contractors is devoted to maintaining high quality standards and upholds work either that empower employees and ensure better working conditions requisite for top quality production and customer satisfaction.

#### **Communication Data:**

Chairman	Eng. Ibrahim Mehlib
Capital Investment	120 M L.E
No. of Employees	65000
Year of Establishment	1940
Address	34 Adly St., Cairo- Egypt
Tel.	(202) 3959522
Fax	(202) 3925728
E-mail	info@arabcont.com
Website	www.arabcont.com

#### **Main Activities in the field of Power Stations and Electrical Networks:**

- 1- Installation of all steel structure Building for Power Plants;
- 2- Manufacture and installation of Gantry cranes up to 375Ton capacity.; and overhead cranes.

- 3- Low Tension Electric Boards & Control Boards;
- 4- Electric Generator Trailer;
- 5- Mobile Units & Caravans up to 240x 240x 720;
- 6- Gratings all types;
- 7- Metallic Gears Up to Ø 1400 mm;
- 8- Electric Welding Transformers 50 – 600 A;

**Example of executed projects:**

- 1-Cairo West Power Station 660 MW;
- 2- Abu Sultan Thermal Power Station 600 MW;
- 3- Ayoun Musa Thermal Power Station 640 MW;
- 4- Installation of all steel structure buildings (about 9000 Tons for 12 buildings);
- 5- Diesel Generating Power Plant at Balaks (3x5 + 1x2.5 MW – 11 kV);
- 6- Installation of Gas Turbine in Salhia (3x3.5 MW – 11 kV);
- 7- Installation of Gas Turbine in Shabab Area (4x25 MW – 11 kV);
- 8- Installation of substation in Salhia (3x20 MVA – 66/11 kV);
- 9- Installation of substation in Ayat (2x12.5 MVA – 66/11 kV);

# C

## Suppliers



### **C 1- ELECTRICAL TRANSFORMERS**

**C 1-1-EL NASR TRANSFORMERS & ELECTRICAL PRODUCTS CO. (ELMACO)**

**C 1-2-ABB TRANSFORMERS S.A.E.**

**C 1-3-ENGINEERING ESTABLISHMENT FOR ELECTRICAL INDUSTRIES (EGTRAFO)**

### **C 2- SWITCHING EQUIPMENT**

**C 2-1-EGYPTIAN GERMAN ELECTRICAL MANUFACTURING COMPANY (EGEMAC)**

**C 2-2-ABB ARAB CONTRACTORS FOR ELECTRICAL INDUSTRIES (ABB ARAB)**

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C 3- ELECTRICAL CABLES, TRANSMISSION LINES AND ACCESSORIES

- C 3-1- ELECTRICAL CABLES EGYPT COMPANY
- C 3-2- GIZA CABLES COMPANY
- C 3-3- EI SEWEDY EGYTECH CABLES COMPANY
- C 3-4- HELWAN COMPANY FOR NONFERROUS (FACTORY 63)
- C 3-5- ALUMISR
- C 3-6- EI-MASSALLA COMPANY FOR INDUSTRIALIZATION OF CABLES ACCESSORIES (EMICA)

C 4- METALLIC STRUCTURES AND TOWERS

- C 4-1- THE EGYPTIAN COMPANY FOR METALLIC CONSTRUCTION (METALCO)
- C 4-2- FERROMETALCO
- C 4-3- ARAB STEEL FABRICATION –EL SEWEDY
- C 4-4- ENGINEERING ENTERPRISES FOR STEEL WORK COMPANY (STEELCO)
- C 4-5- EL SEWEDY UNITED INDUSTRIES CO
- C 4-6- AL BABBAIN INDUSTRIES

C 5- INSULATORS

- C 5-1- EGYPTIAN COMPANY FOR MANUFACTURING ELECTRICAL INSULATORS (ECMEI)

C 6- BOILERS

- C 6-1 INTERNATIONAL COMPANY FOR MANUFACTURING BOILERS & STEEL FABRICATION S.A.E (IBSF)

C 7- METERS

- C 7-1- EI-MAASARA FOR ENGINEERING INDUSTRIES (FACTORY 45)
- C 7-2- EI SEWEDY ELECTRO METER EGYPT S.A.E

C 8- PUMPS

- C 8-1- AI WEILER AL FARID PUMPS CO.

C 9- BATTERIES AND FIRE EXTINGUISHERS

- C 9-1- CHLORIDE EGYPT
- C 9-2- BAVARIA

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## C 1- ELECTRICAL TRANSFORMERS

### C 1-1-EL NASR TRANSFORMERS & ELECTRICAL PRODUCTS CO. (ELMACO)

#### **Communication Data:**

Chairman	Eng. El Desouki Mohamed Ali
Capital Investment	40 M L.E
No. of Employees	1200
Year of Establishment	1957
Address	3, El-Cablat St., Mataria- Cairo
Tel.	(202) 2566021
Fax	(202) 2575100
E-mail	elmaco@intouch.com

#### **Main Products:**

- 1- Power Transformers oil immersed with ratings up to 40 MVA and voltages up to 66 kV.
- 2- Distribution Transformers oil immersed with ratings up to 10 MVA and voltages up to 33 kV.
- 3- Three Phase outdoor Isolating Switches with voltages up to 22 kV and currents up to 600 A.
- 4- Capacitors for low and Medium Voltages with all Ratings for power factor improvement.
- 5- HRC Fuses for low and medium voltages.
- 6- AC Arc Welding Transformers with ratings up to 400 A.

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## C 1-2-ABB TRANSFORMERS S.A.E.

### **Communication Data:**

Chairman	Eng. Kamal Gad
Capital Investment	50 M L.E
No. of Employees	66
Year of Establishment	1998
Address H Q	7 Dr. Mohamed Kamel Hussein St., New Nozha – Heliopolis – Cairo.
Address Factory	10 <sup>th</sup> of Ramadan Industrial Zone B3
Tel.	(202) 2931311
Tel. Factory	(2015) 376646/7
Fax	(202) 2940198
Fax Factory	(2015) 376645
E-mail	hassan.sharawi@eg.abb.com
Web site	www.abb.com

### **Main Products:**

- 1- Oil immersed Distribution Transformers from 50 kVA up to 2000 KVA.
- 2- Low Voltage and High Voltage cells.
- 3- Distribution switchboards.
- 4- Kiosk transformers.

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**C 1-3- ENGINEERING ESTABLISHMENT FOR ELECTRICAL INDUSTRIES (EGYTRAFO)**

**Communication Data:**

Chairman	Eng. Atef abd El Moniem
Capital Investment	7 M L.E
No. of Employees	206
Year of Establishment	1998
Address H Q	7, El-Shahid Ibrahim Salem St., Kolleyet El-Banat – Heliopolis – Cairo
Tel.	(202) 4174921 – 4173922
Fax	(202) 4151197
E-mail	technical@egytrafo.com sales@egytrafo.com

**Main Products:**

- 1- Distribution Transformers with ratings 50 – 2500 KVA, 11 & 22 kV  
ONAN cooling type.
- 2- Dry Type Transformers with ratings 50 – 2500 KVA, 11 & 22 kV.
- 3- Nickel Cadmium Batteries with capacity 10 – 500 AH, KPL, KPM  
and KPH Types.
- 4- Welding Transformers of Single or Three Phases 400 – 600 – 1000  
Ampere.
- 5- Isolating Switches with 400 – 630 Ampere 33 kV.

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**C 1-4 - EI FATEH ELECTRIC ESTABLISHMENT****Communication Data:**

Capital Investment	0.6 M L.E
No. of Employees	20
Year of Establishment	1985
Address H Q	18, Korayem square – Villas 23 July – Gesr El Suez - Cairo
Tel.	(202) 2986338
Fax	(202) 2988507
E-mail	<a href="mailto:fatehest@link.com.eg">fatehest@link.com.eg</a>

**Main Activities:**

- Small Transformers 100 KVA
- Three phase transformers

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## C 2- SWITCHING EQUIPMENT

### C 2-1- EGYPTIAN GERMAN ELECTRICAL MANUFACTURING COMPANY (EGEMAC)

#### **Communication Data:**

Chairman	Eng. Fikry Nawara
Capital Investment	60 M L.E
No. of Employees	680
Year of Establishment	1979
Address H Q	1, El-Cablat St., Industrial zone, Mataria –Cairo
Tel.	(202) 2562444
Fax	(202) 2577671
E-mail	egemac@hotmail.com
Web Site	www.egemac.com.eg

#### **Main Products:**

- 1- SF6, 220 & 66 kV circuit breaker;
- 2- Disconnecting switches 220 & 66 kV;
- 3- Oil filled 66 kV, Current Transformer and Potential Transformer;
- 4- Medium voltage vacuum breakers 3AF;
- 5- Medium voltage CBs type 3CF;
- 6- Medium voltage panels (11 kV, type 8 BDI.& 24 kV, type 8BK20);
- 7- Package substation (Kiosk), type 8FJI;
- 8- Medium voltage ring main unit, type 8ASIO;
- 9- Low voltage cabinets;
- 10- Low voltage panels type 8PU, D.C, A.C;
- 11- Metering, protection, Control and Marshalling;
- 12- Battery Charger;

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**C 2-2- ABB ARAB CONTRACTORS FOR ELECTRICAL  
INDUSTRIES (ABB ARAB)**

**Communication Data:**

Chairman	Eng. Aly Yousef
Capital Investment	90 M L.E
No. of Employees	1135
Year of Establishment	1979
Address	7, Dr. Mohamed Kamel Hussein St., New Nozha – P.O Box:197 Heliopolis – Cairo
Tel.	(202) 2988883 – 2988895
Fax	(202) 2988985
E-mail	ossama.abou-ghoneima@eg.abb.com
Web Site	www.abb.com.eg

**Main Products:**

- 1- Main low voltage panels
- 2- low voltage distribution board
- 3- Flat box
- 4- low voltage moulded case circuit breaker (MCCB)
- 5- low voltage Miniature circuit Breaker (MCB)
- 6- HRC Fuses
- 7- low voltage Fuse Switch
- 8- low voltage Pillers
- 9- Medium Voltage Cubicles
- 10- Medium Voltage breaker and retrofit
- 11- Voltage transformers
- 12- Medium Voltage load break switches
- 13- Medium Voltage ring main unit
- 14- Compact substations

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**C 2- 3- INTERNATIONAL COMPANY FOR ELECTRICAL &  
ELECTRONICS INDUSTRIES (ELECTROGEORGE)**

**Communication Data:**

Capital Investment	30 M L.E
No. of Employees	350
Year of Establishment	1986
Address	33, Ahmed Heshmat St., Zamalek – Cairo
Tel.	(202) 7380944 – (202) 5390467
Fax	(202) 5390203
E-mail	marketing@electrogeorge.com
Web Site	www.electrogeorge.com

**Main Products:**

- 1- Medium Voltage Switchboards up to 24 kV
- 2- Low Voltage Switchboards up to 5000 Amp.
- 3- Control & Automation Panel using PLCs

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**C 2-4- SCHNEIDER ELECTRIC EGYPT****Communication Data:**

Chairman	Eng. Abd El Hameed El Sayad
Capital Investment	10.5 M L.E
No. of Employees	470
Year of Establishment	1987
Address	68, El-Tayaran St., Nasr City - Cairo
Tel.	(202) 4010119
Fax	(202) 2618908
E-mail	customer_support@eg.schneider-electric.com
Web Site	www.schneider.com.eg

**Main Products:**

- 1- Circuit Breakers & Miniature
- 2- M. V. boards
- 3- Low voltage boards
- 4- Load Break Switches
- 5- Control Gears

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## C 2-5- ACETO INDUSTRIES

### **Communication Data:**

Capital Investment	6.5 M L.E
No. of Employees	150
Year of Establishment	1973
Address	25, Guaber Ibn Hayyan St. – Dokki – Giza
Tel.	(202) 3601457 – (202) 3600589
Fax	(202) 3497910
E-mail	<a href="mailto:aceto@link.net">aceto@link.net</a>
Web Site	<a href="http://www.acetoindustries.com">www.acetoindustries.com</a>

### **Main Products:**

- Medium Tension Switchboards (11 / 22 kV)
- Ring Main Unit
- L.V. Kiosk transformers
- Low Tension Panels
- Control System for power Station
- SCADA System

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**C2-6- TECHNICAL ELECTRICAL PROJECTS COMPANY  
(TEPCO)****Communication Data:**

No. of Employees	250
Year of Establishment	1981
Address	20, El-Mathaf El-Zeraee St., Zamalek – Giza
Tel.	(202) 3607972 – (202) 3374544
E-mail	<a href="mailto:tepcoegypt@attmail.com">tepcoegypt@attmail.com</a>

**Main Products:**

- Switchboards 24 kV
- LV Distribution Panels
- Power Factor Correction
- Kiosk for Power Transformers (M.V & L.V.)
- Control Panels
- Ring Main Unit 24 kV

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**C2-7- ENGINEERING COMPANY FOR ELECTRICAL AND METAL WORKS (NOVO)****Communication Data :**

Capital Investment	5 M L.E
No. of Employees	65
Year of Establishment	1989
Address	8, Hamdan St. from Morad St., Giza
Tel.	(202) 5688525 – (202) 5703944

**Main Products:**

- Switchboards (M.V. & L.V.)
- Galvanized Cable Trays
- Distribution boards

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**C2-8- AI MOHANDES FOR ELECTRICAL INDUSTRY  
COMPANY**

**Communication Data :**

Capital Investment	1 M L.E
No. of Employees	73
Address	7, Mohamed Salem St., El-Haram – Giza
Tel.	(202) 5814155 – (202) 5844176

**Main Products:**

- Distribution Panels (L.V)
- Parallel and automatic working Switchboards
- Control panels for pumps and tubes

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**C2-9- UNITED ENGINEERING & TRADING COMPANY  
(UNETCO)**

**Communication Data:**

Capital Investment	34000 L.E
No. of Employees	16
Year of Establishment	1977
Address	1349 Kornaish El Nile-El Sahel – Cairo
Tel.	(202)2047493 – (202) 4305682 (202) 2156409
Fax	(202) 2046630
E-mail	Unetco@maktoob.com
Web Site	<a href="http://www.Unetco.4t.com">http://www.Unetco.4t.com</a>

**Main Products:**

- Outdoor isolating switches [200, 400, 630 A] working voltage 11 kV with & without fusebase.
- Outdoor isolating switches [200, 400 A] of working voltage 22 kV with & without fusebase.
- Outdoor switches [200, 400 A] with P.O.f 11 kV
- Outdoor fusebase of working voltage 11, 22 kV [100 A]
- Indoor 11 kV switches [200, 400, 630 A] with & without fusebase.
- Indoor Fusebase 11 kV
- Tension clamps for transmission lines 7 & 9 tones

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## C 3- ELECTRICAL CABLES, TRANSMISSION LINES AND ACCESSORIES

### C 3-1- ELECTRICAL CABLES EGYPT COMPANY

#### **Communication Data:**

Chairman	Eng. Esam Awad El Sayad
Capital Investment	500 M L.E
No. of Employees	2125
Year of Establishment	1954
Address	6 & 4, 6th October road – Mostorod – Kalyoubia
Tel.	(202) 2205822 - 2205085
Fax	(202) 2205848
E-mail	ecei@soficom.com.eg
Web Site	www.ece.com.eg

#### **Main Activities:**

- 1- Low voltage copper cables
- 2- Medium and High voltage copper cables
- 3- Telephone Wires
- 4- Isolated wires
- 5- Different wires

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**C 3-2- GIZA CABLES COMPANY****Communication Data:**

Chairman	Dr. Fayek Farid Faragalla
Capital Investment	30 M L.E
No. of Employees	250
Year of Establishment	1984
Address	6, Ibn Malek St., Giza
Tel.	(202) 3351797 –5390021
Fax	(202) 7480638

**Main products:**

Electrical Cables from 1 to 500 kV

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**C 3-3- El SEWEDY EGYTECH CABLES COMPANY**
**Communication Data:**

Chairman	Eng. Ahmed Ahmed El Sewedy
Capital Investment	155 M L.E
No. of Employees	650
Year of Establishment	1996
Address	16, El-Khartoum st. from Cleopatra St. – Heliopolis
Tel.	(202) 4194654 – 4148366
Fax	(202) 4148373
E-mail	Technic @gega.net
Web Site	www.elswedy.com

**Main Products:**

- 1- Electrical Cables XLPE insulated 220 , 132 & 66 kV
- 2- Low voltage cables up to 36 kV
- 3- Low voltage cables up to 1 kV
- 4- Over head transmission lines up to 500 kV
- 5- Control Cables
- 6- Submarine Cables
- 7- Wires

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**C 3-4- HELWAN COMPANY FOR NONFERROUS (FACTORY 63)****Communication Data:**

Chairman	Eng. Mohamed Amein Aded Elrazik
No. of Employees	3000
Year of Establishment	1954
Address	8, Hayeet El-Tadrees Dokki – Giza
Tel.	(202) 5559708/9
Fax	(202) 9755518

**Main Products:**

- ACSR (AL/ST)
- ACSR
- AAC or ASC
- AAAC
- Steel
- P.V.C insulated AL
- P.V.C insulated Copper
- P.V.C Copper

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**C 3-5 ALUMISR**
**Communication Data:**

Chairman	Eng. Saleh Mohamed Saleh
Capital Investment	12 M LE
No. of Employees	600
Year of Establishment	1977
Address	P.O Box 215/12612 Orman- Lebanon Square- Mohandeseen - Giza
Tel.	(202) 3047802
Fax	(202) 3455272
E-mail	alumisr1@rite.com
Web Site	www.alumisr.com

**Main Products:**

- 1- Aluminum Cable and connections;
- 2- Aluminum heat sink;
- 3- Aluminum bus- bar;
- 4- Aluminum cable trays;
- 5- Aluminum electric poles;
- 6- Aluminum pipes for power station;
- 7- Aluminum for profiles;
- 8- Cast Aluminum for different purposes

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### C 3-6- EI-MASSALLA COMPANY FOR INDUSTRIALIZATION OF CABLES ACCESSORIES (EMICA)

#### **Communication Data:**

Chairman	Eng. Mekeeil Nageb Hana
Capital Investment	3 M LE
No. of Employees	51
Year of Establishment	1992
Address	8, Hayeet El-Tadrees Square from Mosadak St.– Dokki – Giza
Tel.	(202) 7609201/2
Fax	(202) 3377005
E-mail	massalla@gega.net
Web Site	www.elmassalla.com

#### **Main Products:**

- 1- Cable lugs – tubular compression copper, aluminium. Bi-metal - According to the German Spec. DIN
- 2- Cable connectors copper. Aluminum - According to the German Spec. DIN
- 3- Cable joints & termination for power cable from 1 kV. up to 72 kV  
Type Raychem – Heat Shrinkable according to:
  - VDE 0278
  - CENELEC HD 628 SI & HD 629.1 S1
- 4- Cable Joints for Telephone cable - Type Raychem - Heat Shrinkable

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**C 3-7- INTERNATIONAL CABLES COMPANY****Communication Data:**

Capital Investment	25 M L.E
No. of Employees	504
Year of Establishment	1993
Address	103 B, El-Marghani St., Heliopolis
Tel.	(202) 2906371
Fax	(202) 2904900
E-mail	icc@datum.com.eg

**Main Products:**

- Wires & Cables copper conductors
- Wires & Cables Aluminum conductors
- Medium Tension cables copper conductors
- Medium Tension cables Aluminum conductors
- Telephone jelly filled cables

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**C 3-8- BICC EGYPT****Communication Data:**

Capital Investment	10 M Sterling
No. of Employees	120
Year of Establishment	1996
Address	Industrial zone – Abu Rawash – 28, Cairo / Alexandria desert road
Tel.	(202) 5390251/2/3
Fax	<b>(202) 5390255/6</b>
E-mail	<a href="mailto:bicc@link.com.eg">bicc@link.com.eg</a>

**Main Products:**

- L.V. Electrical Cables
- Control Cables
- Wires

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## C 4- METALLIC STRUCTURES AND TOWERS

### C 4-1- THE EGYPTIAN COMPANY FOR METALLIC CONSTRUCTION (METALCO)

METALCO's main activity is limited in steel construction (Design- Fabrication- Erection) for all industrial and service projects, in addition to execution of civil works which attach steel construction.

#### **Communication Data:**

Chairman	Eng.Abedalaa abed Alaziz
Capital Investment	20 M L.E.
No. of Employees	4000
Year of Establishment	1968
Address	5A, 26 <sup>th</sup> July St. Down Town, Cairo
Tel.	(202) 5915686 - 5933662
Fax	(202) 7957221
E-mail	metalco@menanet.net
Website	www.metalco.com.eg

#### **Main Activities in the field of Power Stations and Electrical Networks:**

- 1- Galvanized Steel for electrical power transmission towers with heights up to 150 meters;
- 2- Steel structures for power plants;
- 3- Steel tanks for water and fuel;
- 4- Cranes of various types either Gantry or Over head or Tower;
- 5- Pipes.

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## C 4-2- FERROMETALCO

**FERROMETALCO** is an Egyptian German Company for Metallic Construction..

### **Communication Data:**

Capital Investment	50 M LE
No. of Employees	1400
Year of Establishment	1979
Address	Ismailia Desert road – Heliopolis
Tel.	(202) 2979665 - 2978975
Fax	(202) 2978143
E-mail	dsdeg@gega.net
Website	

### **Main Activities in the field of Power Stations and Electrical Networks:**

- 1- Steel structures for power plants;
- 2- Outer and inner casing for LP,IP and HP steam turbines;
- 3- Condensers;
- 4- Heat recovery boilers modules;
- 5- Inlet and outlet ducts;
- 6- Piping out of carbon steel/stainless steel;
- 7- Air preheater casings;
- 8- Structural steel for boilers;
- 9- Circulating water pipes;
- 10- Structure for cooling water;
- 11- Steel structure for hydro power plants.

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**C 4-3- ARAB STEEL FABRICATION-EI SEWEDY**
**Communication Data:**

Chairman	Ahmed Ahmed Sadek El Sewedy
Capital Investment	50 M LE
No. of Employees	450
Year of Establishment	1997
Address	21, Cleopatra St., Heliopolis
Tel.	(202) 4145026 / 4144381
Fax	4145027
E-mail	asfab@iec_egnet.net asf_pdes@elsewedyegypt.com salessteel@elsewedyegypt.com
Website	www.elsewedyegypt.com

**Main Activities:**

- 1- Steel Structure;
- 2- Tanks;
- 3- Lighting poles and high masts;
- 4- Galvanization;
- 5- Energy Distribution and transfer;
- 6- Transmission Towers.

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**C 4-4- ENGINEERING ENTERPRISES FOR STEEL WORK  
COMPANY (STEELCO)****Communication Data:**

Chairman	Eng. Abed Alla Abed Alaziz El Said
Capital Investment	15 M LE
No. of Employees	2050
Year of Establishment	1958
Address	39, Kasr El-Nil St., Cairo
Tel.	(202) 4322622 / 4829698
Fax	(202) 5010248
E-mail	metalco@click.com.eg
Website	www.metalco-com

**Main Activities:**

- 1- Electrical Towers;
- 2- Metallic Structures;
- 3- Bases for equipment

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**C 4-5- EL SEWEDY UNITED INDUSTRIES CO.**
**Communication Data:**

Chairman	Ahmed Ahmed Sadek El Sewedy
Capital Investment	11 M LE
No. of Employees	400
Year of Establishment	25/11/97
Address	16, El-Khartoum st. from Keliopatra St. – Heliopolis
Tel.	(202) 4144387 -4144381
Fax	(202) 290844
E-mail	sewedy@rite.com
Website	www.elsewedyegypt.com

**Main Activities:**

- 1- Lighting Poles;
- 2- Control cables;
- 3- Insulated copper wires.

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**C 4-6- AL BABTAIN INDUSTRIES**
**Communication Data:**

Chairman	Eng. Mohamed Abd allah Babtain
Capital Investment	20 M LE
No. of Employees	200
Year of Establishment	1997
Address	11 El Shahid mahmoud esmat hamdi St., Sheraton Heliopolis - Cairo
Tel.	(202) 26 87314
Fax	9202) 2687321
E-mail	albabtain_egypt@albabtain.com.eg
Website	www. Albabtain.com.eg

**Main Activities:**

- 1- Electrical power plants steel structure;
- 2- Transmission and Distribution Towers;
- 3- Lighting and Communication poles.

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**C 4-7- UNITED METALS COMPANY****Communication Data:**

Capital Investment	25 M L.E
No. of Employees	100
Year of Establishment	2000
Tel.	(+202) 4141639
Fax	(+202) 4196116
E-mail	alabib@unitedmetals-eg.com

**Main Products**

- Copper Rod 8mm Suitable for Electrical purposes as per ASTM B49.92

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**C4-8- ARAB STEEL FABRICATION****Communication Data:**

Capital Investment	50 M LE
No. of Employees	450
Address	21, Cleopatra St., Heliopolis
Tel.	(202) 4145026 / 4144381
E-mail	asfab@iec_egnet.net

**Main Products**

- Transmission and Power Lines
- Towers
- Lighting Poles
- Galvanization

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## C 5- INSULATORS

### C 5-1- EGYPTIAN COMPANY FOR MANUFACTURING ELECTRICAL INSULATORS (ECMEI)

#### **Communication Data:**

Chairman	Eng. Mohamed Samay Swedan
Capital Investment	120 M LE
No. of Employees	284
Year of Establishment	1994
Address	Block (4/1) Zone A-1 10 <sup>th</sup> of Ramadan
Tel.	(2015) 411 253
Fax	(2015) 411 255
E-mail	ecmei@ access.com.eg
Website	--

#### **Main Activities:**

- 1- Low voltage insulator;
- 2- Post type insulators 66 kV;
- 3- Pin type insulators 11, 22 kV;
- 4- Post Insulators 11, 22, 33 kV;
- 5- Low voltage distribution transformer bushing;
- 6- Transformer bushing 10, 20, 30 kV;
- 7- Special bushings for power transformer 33, 66 kV;
- 8- Cap & pin type insulators 40, 80, 100, 120, 160 kV.

The production is according to international specification IEC, DIN

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## C 6- BOILERS

### C 6-1 INTERNATIONAL COMPANY FOR MANUFACTURING BOILERS & STEEL FABRICATION S.A.E (IBSF)

#### **Communication Data:**

Capital Investment	45 M LE
No. of Employees	300
Year of Establishment	1964
Address	Manial Sheha – Giza - Egypt
Tel.	(202) 5683932 - 5683198
Fax	(202) 5683932 - 5728376
E-mail	ibsf@link.net
Website	www.ibsf.com.eg

#### **Main Activities:**

- 1- Fire Tube Boilers;
- 2- Water Tube Boilers;
- 3- Pressure Vessels & Heat Exchangers;
- 4- Maintenance for Boilers;
- 5- Parts of Boilers for Power Stations;
- 6- Oil & Water storage tanks.

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## C 7- METERS

### C 7-1- EL-MAASARA FOR ENGINEERING INDUSTRIES (FACTORY 45)

#### Communication Data:

Year of Establishment	1954
Address	Helwan, Cairo
Tel.	(202) 3697075
Fax	(202) 3696025
E-mail	Fac.45@iscc.gov.eg
Website	----

#### Main Activities:

- 1- Single phase Electromechanical meters;
- 2- Three phase Electromechanical meters;
- 3- Energy Metering electronic & prepaid.

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**C 7-2- EI SEWEDY ELECTRO METER EGYPT S.A.E**
**Communication Data:**

Executive Manager	Eng. Emad El Sewedy
Capital Investment	2 M.L.E
No. of Employees	200
Year of Establishment	1989
Address	12, Gameat El-Dowal St.Mohandessen – Cairo
Tel.	(202) 5377798/ 8341011
Fax	(202) 8339530
E-mail	Emade@sewedy.com.eg
Website	www.sewedy.com.eg

**Main Activities:**

- 1- Single phase Electromechanical meters;
- 2- Three phase Electromechanical meters;
- 3- Energy Metering electronic & prepaid;
- 4- Frequency measuring equipment;
- 5- Calibration Equipment

## C 7-3- GAMMA SMART METERS

### Communication Data:

Chairman	Eng. Ibrahim Khaial
Year of Establishment	2003
Address	Naser City Free Zone, Cairo, Egypt
Tel.	(202) 6710159
Fax	(202)67101612
E-mail	smartmeters@gamma-international.com

1 Phase Smart Meter

3 Phase Smart Meter

Electronic Smart Meters communicate with, and receive instruction from, the central management center over the existing LV power lines (2 way power line communication).

The central management centre manages the Customer Information System, Customer Relationship Management, remote reading & management of all Smart Meters & interfaces with existing software systems

### **Functions**

Time of Use, Time of year contract management functions

Remote connect/ disconnect for load control

Fraud detection / anti-tampering functions

Customer information

Meters programmable as prepayment ( Without card) or credit meter

Demand power management

LV grid energy management

Individual one-to-one customer Service

Quality level monitoring

Delivers Value Added Services to cutomers

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## C 8 -PUMPS

### C 8-1- AI WEILER AL FARID PUMPS CO.

#### **Communication Data:**

Chairman	Nabeil Hasaneen
Capital Investment	20 M.L.E
No. of Employees	183
Year of Establishment	1984
Address	Industrial Zone B2 – 5, Misr & Sudan St., 10th of Ramadan City – Mogawra 3
Tel.	(015) 360425
Fax	(015) 364157
E-mail	awrfraid@intouch.com
Website	www.regis.teredsite.com.

#### **Main Activities:**

1- Pumps;

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## C 9- BATTERIES AND FIRE EXTINGUISHER

### C 9-1- CHLORIDE EGYPT

#### **Communication Data:**

Chairman	Dr.Abed Alaziz Hegazy
Capital Investment	16 M.L.E
No. of Employees	250
Year of Establishment	1982
Address	28, desert Cairo / Alexandria road – Industrial zone – Abu Rawash
Tel.	(202) 5390073 - 5390066
Fax	(202) 5390189
E-mail	regba2000@yahoo.com
Website	loride-egypt.com

#### **Main Activities:**

- 1- Acidic batteries with flat bars and with pipe bars;
- 2- Batteries chargers;
- 3- Emergency power supplies;
- 4- Uninterruptable power supply

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**C 9-2- BAVARIA****Communication Data:**

Chairman	Dr. Nader Riad
Year of Establishment	1973
Address	1, Nagib El-Rihani St., Cairo
Tel.	(202) 5910050 -5903220
Fax	5913762
E-mail	bavariad@intouch.com
Website	www.bavaria.com.eg

**Main Activities:**

- 1- Fire extinguisher equipment of 3 / 12 – 25 / 500 Kgr capacity;
- 2- Fire extinguisher equipment for cars.

# D

## Training



**D 1- EGYPTIAN ELECTRICITY HOLDING  
COMPANY (EEHC)**

**D 2 - NEW AND RENEWABLE ENERGY AUTHORITY**

**D 3 - MANAGEMENT & LEADERSHIP TRAINING  
CENTER**

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## D - Training

### D 1- EGYPTIAN ELECTRICITY HOLDING COMPANY (EEHC)

EEHC has (19) training centers, which are geographical distributed in Egypt, specialized in the fields of electricity production, transmission & distribution.

#### Communication Data:

Chairman	Dr. Mohamed Awad
Address	Egyptian Electricity Holding Company- Abbassia , Cairo , Egypt.
Tel.	(202) 2616487 - 2616306
Fax	(202) 2616512 - 2612239
E-mail	PPTMU @ hotmail. com
Web Site	

#### Fields of Training programs

##### 1. Power Plant Operation & Maintenance

- Operation and Control of Steam Power Plant (Basic)
- Operation and Maintenance of Steam Power Plant (advanced)
- Gas Turbine Operation and Maintenance
- Operation of Combined Cycle Power Plant
- Operation of Hydro Power Plant
- Maintenance of Hydro Power Plant (Equip. & Aux.)
- Operation and Maintenance of Generator
- Operation and Maintenance of Steam Turbine
- The Co-Generation

##### 2. Water Treatment

- Water Treatment (Steam Power Plant)
- Operation and Maintenance of Desalination Plant

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### **3. Welding**

- Welding Technology and Non-Destructive Testing

### **4. Vibration**

- Vibration and Balancing of Rotating Machines

### **5. Substation**

- On Load Transformer tap Changer Maintenance
- Maintenance of SF6 Circuit Breakers
- Substation Protection

### **6. Transmission Line Operation & Maintenance**

- Light Maintenance of live line
- Heavy Maintenance of Live Line
- Transmission Line Commissioning and Inspection

### **7. Safety**

- Industrial Safety
- Supervision and Safety of Transmission Line Maintenance

### **8. Energy Management**

- Energy Conservation
- Networks Economical Operation
- Demand Side Management
- System Voltage Regulation
- Management of Losses Reduction Projects for Power Distribution Systems.
- Improvement of Electrical Energy Efficiency
- Quality of Supply – Customer Requirements
- Reduction of Harmonics in Distribution Systems
- Power System Economics
- Protection System and Coordination for Distribution Network
- Economic Operation for Distribution Networks
- Auditing of Electrical Energy
- Auditing of Thermal Energy

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## D 2- NEW AND RENEWABLE ENERGY AUTHORITY

### Communication Data:

Chairman	Eng. Hosny El Kholi
Address	Emtedad Abbas El-Akkad St., Hay El-Zohor - Nasr City, EGYPT
Tel.	(202) 2710081
Fax	(202) 2717173
E-mail	E-mail: <a href="mailto:nre3@idsc1.gov.eg">nre3@idsc1.gov.eg</a> : <a href="mailto:nre@idsc.net.eg">nre@idsc.net.eg</a>

### Fields of Training programs

#### 1. Wind Energy

- Wind Energy Usages and Projects Evaluation for Decision Makers
- Wind Resources and Assessment Program
- Wind Energy and its Usages Evaluation (in Present and Future)
- Site Selection, Design and Wind Projects Specifications
- Technical Evaluation and Feasibility Studies for Wind Projects
- Erection Works for Wind Plants
- Operation and Maintenances of Wind Plants

#### 2. Solar Energy

- Applications of Solar Thermal Energy
  - Water Solar Heaters.
  - Solar Thermal Power Generation
- Photovoltaic Cells Technology & Applications

#### 3. Biomass Energy

- Applications of Biomass Energy
- Biogas Technology

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### D 3- MANAGEMENT & LEADERSHIP TRAINING CENTER

#### Communication Data:

First Under Secretary	Eng. Hamed Emara
Address	Ministry of Electricity and Energy- Abbassia , Cairo , Egypt.
Tel.	(202) 2616305
Fax	(202) 2616523
E-mail	intcoop@ hotmail. com

#### Fields of Training programs

- The Leadership Development Program
- Top – Management skills
- Effective and Interpersonal Communication
- Bases and skills of Management
- Team Building
- Motivation and Leadership
- Personality Assessment & Development
- Time Management and dealing with work pressures
- Negotiation Skills
- Strategy Planning
- Delegation and Enabling
- Change Management
- Decision making skills
- Leader character