



EEC GROUP S.A.E.

Corporate Presentation

www.ecegypt.com

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OUR HISTORY

- 1977** : EEC Established.
- 1982** : Steel Structure Manufacturing Facility Established.
- 1990** : Shelter & Cladding Factory Established.
- 1993** : EEC Involved in Telecommunication Projects.
- 2000** : EEC is ISO 9001 Certified.
- 2002** : EEC in Algeria(EEA) established.
- 2003** : EEC in Bangladesh (EEB) & EEC Gulf in UAE.
- 2004** : EEC in Sudan (El Gaheria) & EEC Libya established.
- 2006** : EEC in Senegal established.
- 2007** : New Cladding & Shelter Factory in Algeria.
- 2008** : Galvanization Plant established in Egypt.
- 2009** : EEC became Joint Stock Holding (SAE).
- 2010** : Expansions in Steel and Galvanization Factories,
: EEC has been granted 14001 & 18001 ISO certified.
: EEC in Mali established (EgyMali)
: TowerWorx Egypt is established (Manufacturing
Mobile Station under license of (TowerWorx USA)

EEC is one of the biggest companies for Turnkey solutions and steel fabrication in Egypt and the Middle East, providing a wide range of industry specifically for Telecom, Energy & Power Industrial, Commercial & Residential.

EEC AT A GLANCE

Our team of 1200 professionals enables us to extend our Geographic footprint delivering diverse projects and connecting us with clients in Middle East ,Asia, Europe, America.

Resources	: 1200 Employee
Subsidiaries	: 10 in MENA , West Africa, Europe and Asia
Projects	: In 15 countries
ISO Certificate	: 9001, 14001, 18001 ISOs' certified
Factories	: 4 Steel factories, 2 Cladding factories, 2 Galvanization Factories.
Contractor Community	: EEC have got the 1 st class in civil works and steel works .
Total Group Revenue	: 80,000,000 Euro

OUR SUBSIDIARIES

Egypt	: EEC : Steel, Cladding , Galvanization Factories : Roxtec Agency : TowerWorx Egypt
Algeria	: EEA : Cladding and shelters Factory : Roxtec Agency
Sudan	: El Gaheria
Bangladesh	: EEB
Libya	: EEC Representing office
UAE	: EEC Gulf
Senegal	: EEC Senegal
Mali	: EGY Mali
Macedonia	: Engineering Enterprises Macedonia
United Kingdom	: Engineering Enterprises Co. UK



OUR MARKETS

Our group is divided into three business unit, focusing on delivering superior service and high quality products to the 5 industry sectors, enhancing value to our clients.

**Construction
Manufacturing
Trading**

A series of five overlapping green circles of varying sizes, arranged in a horizontal line. The circles are semi-transparent, allowing the text of the other circles to be visible through them. To the left of the first circle is a cluster of several smaller green circles of different sizes, also semi-transparent.

Telecom

Energy & Power

Industrial &
Commercial
Constructions

Real Estate
Development

Property
Management

OUR VALUES

EEC Group operates in differing cultures around the world. To all our stakeholders EEC group appears as one due to three core values – each founded on three key principles:-



Excellence

- *Clear Vision*
- *Commitment to Quality*
- *Attention to Detail*



Innovation

- *Solid Experience*
- *Adding Value*
- *Unparalleled Flexibility*



Teamwork

- *Focus on Customers*
- *Fearless of Challenges*
- *Knowledge Sharing*

ISO CERTIFICATIONS

ISO 18001:2007



ISO 14001:2004



ISO 9001:2008



OUR SERVICES

EEC present Turnkey services for telecom projects, Turnkey & Construction services for Telecommunication, Energy and power, industrial and commercial.

Survey, design and site acquisition



Civil Works



Maintenances Services



Fiber Optics

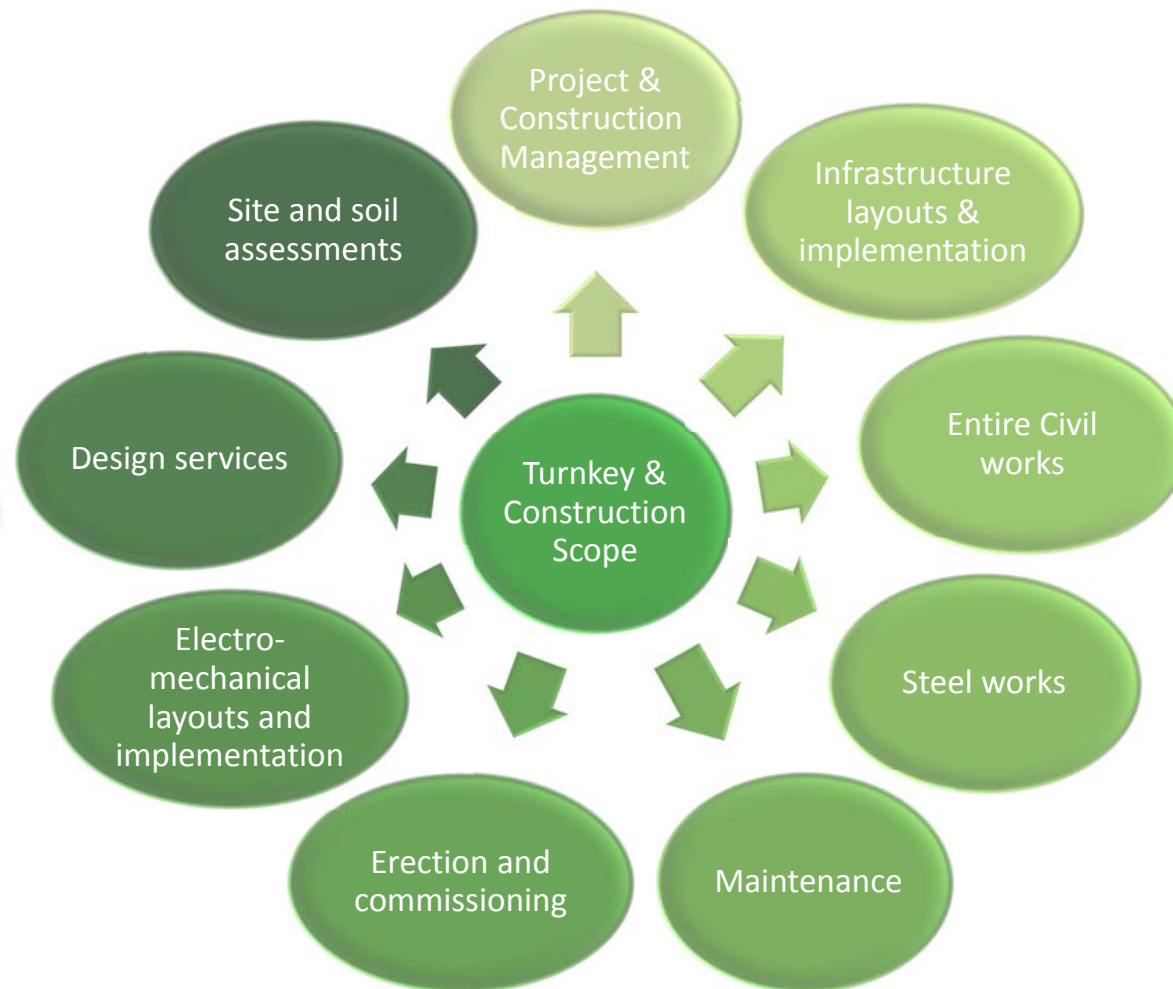


Installation works



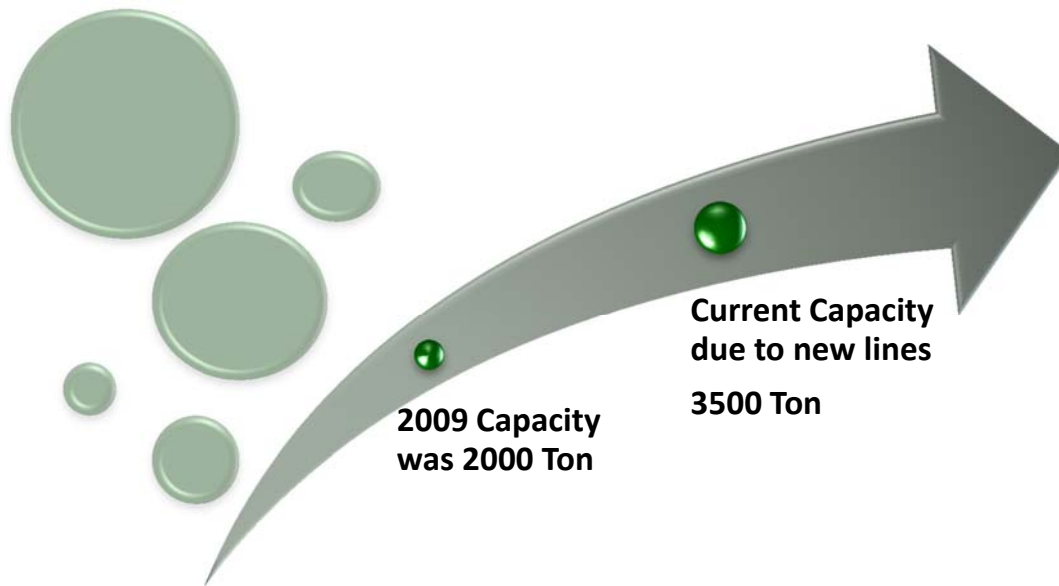
OUR SERVICES DIVISION

We provide a full lifecycle service for turnkey & construction.



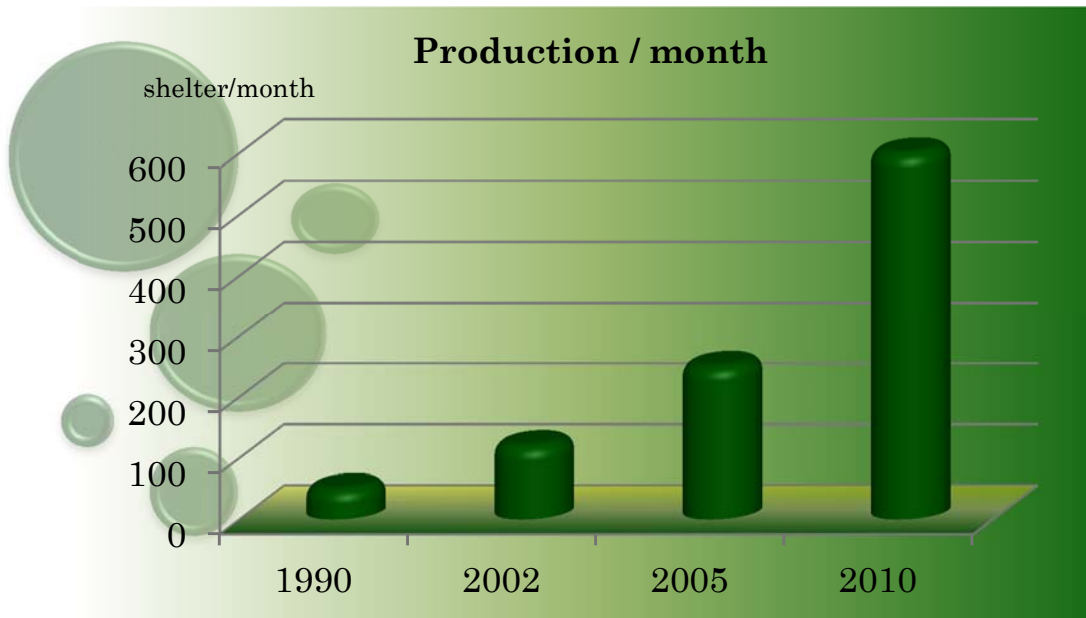
STEEL STRUCTURES & TOWERS

Now we have five CNC lines, which are the most modern, rapid and flexible CNC lines to punch angles. Their main features are: low-cost; easy installation; automatic feeding; easy programming; flexibility for small/medium size pieces; new productivity concept. EEC manufacture tubular towers as well, according to client's demand.



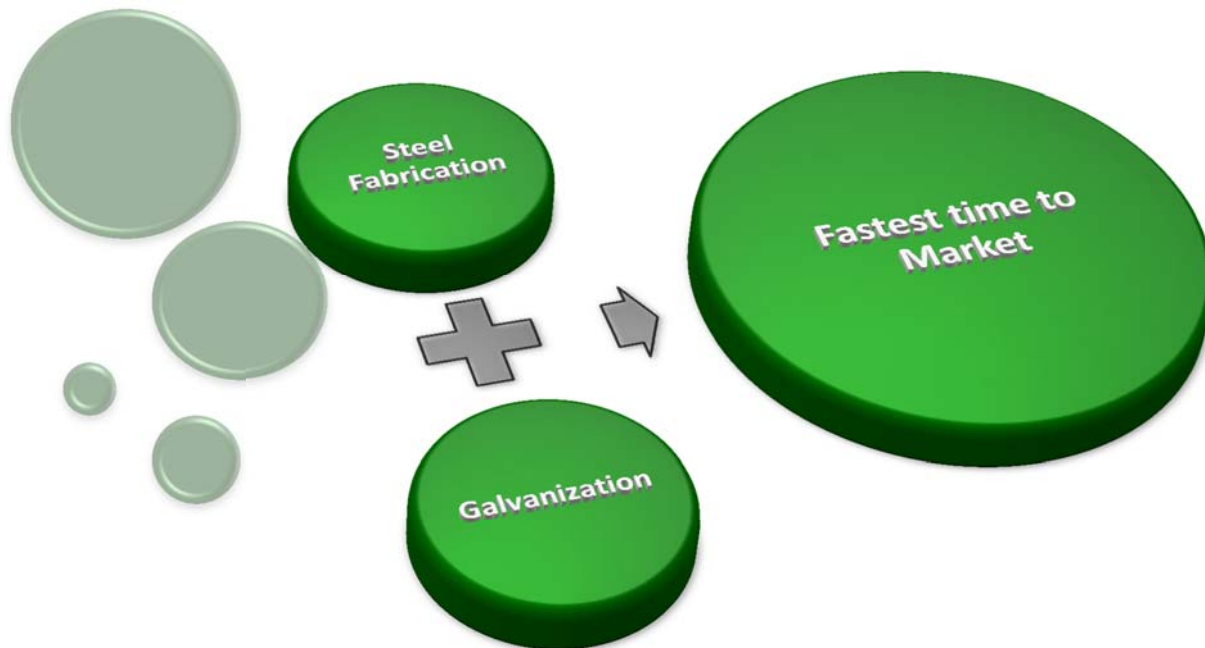
SANDWICH PANELS & CLADDING

- EEC Group established a Rigid-Polyurethane Sandwich Panel and Equipment Shelters manufacturing facility occupying a total area of 10000m².
- Today EEC Group is the main manufacturer of Telecom Equipment Shelters for Africa and the Middle East. EEC Group currently produces 600 shelters per month.
- EEC is constructing a Sandwich panel and cladding factory at EL Obour City.



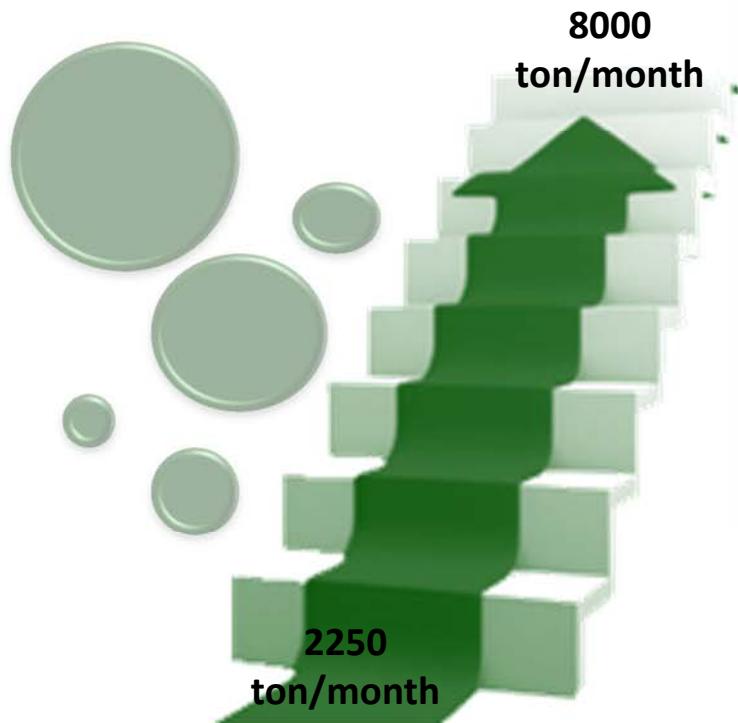
GALVANIZATION FACTORY 1

- Due to the increased production of steel towers, structures, trusses and accessories, EEC Group established a hot-dip galvanizing facility (EEC Galva). It is located in the industrial complex of El-Obour City. It occupies a total area of 20000 m2.
- The facility is currently capable of galvanizing up to 2250 metric tons of steel per month. The facility serves our Steel Structures and Towers division as well as numerous other customers in the local market due to the growth in galvanized steel.



GALVANIZATION FACTORY 2

Currently, after adding the new facility (with 12.5m kettle) our capacity increased to reach 8000 ton/month.



OUR PRODUCTS

EEC Group is one of the leading full turnkey service providers in the Middle East and Africa with over 15 years experience serving top-class multi-national customers for their wireless networks (GSM, CDMA, 3G, WiMax).

Self Support Towers



Shelters



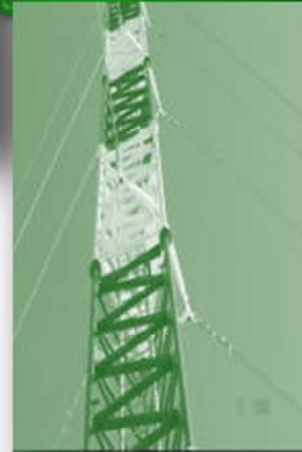
Ground Deployment Sites



Roof top structures



Guyed masts



OUR PRODUCTS POWER SECTOR

Our newest field of focus is in the Energy and Power sector to which EEC Group supplies, amongst other accessories:

- Steel lattice towers for Overhead Transmission Lines up to 500KV using optimized designs
- Poles and gantries for transformer and sub-stations.
- Numerous steel structures, fabrications using L, U and I sections for Energy & Power projects.



EEC has registered in the Egyptian Electricity Transmission Company (EETC) for supply and installation of high voltage Steel transmission towers from 66KV up to 500KV.

By reaching this stage EEC is now considered as one of a very few companies who are registered for such scope of work.



OUR PRODUCTS CLADDING & SANDWICH PANEL

Our construction services are supported by our manufacturing facilities through the supply of various steel structures and cladding materials (corrugations and sandwich panels).



OUR TRADING

In addition to our products manufactured at our factories, EEC Group is an agent and distributor of key complimentary products. These products support EEC Group's and other customer turnkey activities across numerous market sectors.

Roxtec



Passive cooling
Shelters



Transformers



Cell on Wheel



Environmental
Solutions



INDUSTRIAL & COMMERCIAL CONSTRUCTION



EEC Head office



Residential Villas



EEC Steel Factories
Administration Building



EEC Steel Factories



The TV and
Broadcasting Union



EEC Galva
Galvanization factory
& Administration
Building



GlaxoSmithKline
Pharmaceutical
Company



Cairo Air Improvement
Project (CAIP)
Managed by
Chemonics
Consortium.



Construction of the
Port and
Lighthouses
Authority (PLA)



Maritime Projects

REAL ESTATE DEVELOPMENT

EEC provides innovative and efficient real state solutions for Egyptian business community.

EEC offers administrative either building or units that suites medium and large scale companies head quarters or offices.



- **Commercial/Offices Areas or floors**
- **A+ Full finishing for exterior & interior common areas (main Entrance, Corridors,)**
- **Concrete floor and ceiling + Plastered walls**
- **Optional Finishing/Furnishing of open space (private offices, partitions & large team rooms**
- **Security, safety, Fire fighting and alarm systems Also Backup generators for common areas**
- **IT & Electricity network services**
- **HVAC chiller system with a control unit for each floor**
- **ATM machines Drivers room**

OUR TELECOM PROFILE



Turnkey Projects:

Country	No. Of Turn Key Sites	No. Of Telecom Sites	No. Of Tower Supply	No. Of Shelter Supply
Egypt "Mobinil"	480	1438	80 Quick Sites 230 Tower	480
Egypt "Etisalat"			840 Tower 170 Quick Site	260
Egypt "Huawei"	280	120	550	850
Egypt "LCC/Vodafone"	450			
Algeria "Djezzi"	1150	1550		
Algeria "Lacom"	50	50	30	30
Sudan "Sudatel "	390	657	1760	190
Sudan "Canartel "	40			
Sudan "NSN/Zain"		292		
Sudan "MTN"	30	25	60	90

OUR TELECOM PROFILE



Country	No. Of Turn Key Sites	No. Of Telecom Sites	No. Of Tower Supply	No. Of Shelter Supply
Libya "Huawei : Wimax/Libyana"	270	425	520	380
Senegal" Sudatel"	45	55	120	
Mali "Huawei"	70	70	130	15
Bangladesh "Banglalink "	172			
Morocco"Goldfin"			150	38

OUR TELECOM PROFILE



Supply Projects:

Country	No. Of Tower Supply	No. Of Shelter Supply
North Korea "KoryoLink"	46	10
Sierra Leone	40	
Ivory Coast	60	30
Gambia	40	60
Burundi	15 Quick Site	
Liberia	30	

OUR TELECOM PROFILE

Maintenance Services:

Country	No. Of Sites
Algeria "OTA"	645



OUR ELECTRICITY PROFILE

Supply



Siemens PTD (Extension of Naga Hammadi 500/220kV AIS S/S):
Supply of two 500kV transfer gantries (custom design).

** Un galvanized Gantries proto type*

Siemens PTD (El Zaafarana II 22/220kV AIS S/S): Supply of Equipment Steel Supports (28 various types).

** Un galvanized Gantries proto type*



Civil Work

Siemens PTD & VATech:
Power Plant constructions at
(Sharm El-Sheikh)



Siemens PTD & VATech:
Power Plant constructions at
(Wadi EL Nil) "on going"

MOBILE UNIT

Recently EEC has signed a contract with **TowerWorx** USA . EEC will manufacture Mobile Stations under TowerWorx license using their technology & design in our manufacturing facilities in Egypt .

- EEC has the facilities to make your mobile communications tower more than just a tall structure on wheels.
- We offer options for PTZ (Pan, Tilt, Zoom) cameras, site lighting, and public notification/warning systems.
- We use max wind load in our design for towers (80 Mph/128Kph) with weight load on tower 249.4 Kg.
- Its heights from 15 m to 45 m.
- Operational time for tower deployment “from 20 to 60 min.” according to its heights.

TowerWorx
Egypt
Innovative Mobile Tower Solutions



QUICK SITE

EEC Quick Site is invention and production from EEC research and development Department.

Ground Rapid Deployment Unit (**GRDU**) is specially designed for temporary sites that are needed during sport events, exhibitions and conferences.

Its height up to 50 meter, It is manufactured as prefabricated units to be assembled with minimal time (48 hours).

The quick site can be customized to suit the applied loads & weather conditions applied at the desired locations.



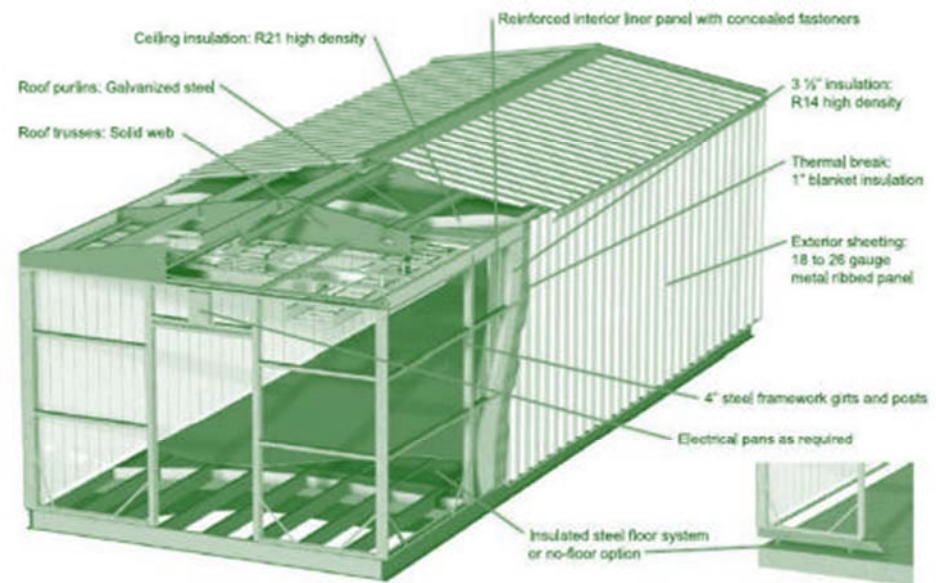
CONTROL ROOM

Prefabricated electrical substations that combine the benefits of a site-built structure with the advantages of a pre-assembled control room.

It combines the best features of a site-built structure –permanence and flexibility – with the advantages of a factory-built, prefabricated substation for high quality and superlative project management. This combination provides the best of both worlds, resulting in a smoother, faster and more efficient control house.

Offering building design flexibility to meet each requirement in tandem with heavy-duty steel frameworks. These prefabricated turnkey structures are available with or without a structural floor. All modules are constructed in the factory, which assures exact delivery dates. This facilitates accelerated project completion, something that isn't possible with onsite construction.

Building features



CONTROL ROOM

These buildings fit a variety of purposes including:

Power and electrical transmission and distribution substations

Motor control centers

SCADA

AMR

Metering and monitoring

Battery systems

Prefabrication of the structures minimizes onsite construction time in hazardous substation environments, reducing the chances of safety violations or accidents. In addition, pre-assembly limits subcontracting requirements, as well as the number of trades involved.



OUR CLIENT

EEC Group to adapt quickly to our customer needs. This provides a platform for our New Product Development team to innovate novel engineered solutions for the benefit of our clients.

Industrial & Commercials Constructions



Telecom Sector



Power and Energy





THANKS

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