

# Energya Extra High-Voltage Cables Factory

## Client

Energya Industries Group (ElSewedy Helal)

## Scope of Work

Detailed design  
Shop drawings review

## Location

10<sup>th</sup> of Ramadan City, Egypt

## Types of Activities

Architectural  
Communications & security systems  
Electrical  
HVAC  
Mechanical  
Piping  
Plant design  
Roads  
Structural

Premised on a plot area of 168,000 m<sup>2</sup>, Energya extra high-voltage cables factory was constructed in the industrial city of 10<sup>th</sup> of Ramadan. The main component of the factory was the production building. With a built-up area of 51,750 m<sup>2</sup>, it accommodated all production equipment and testing/laboratory facilities. Other factory elements included a 10,000 m<sup>2</sup> warehouse, a 10,000 m<sup>2</sup>

carpentry workshop, an 830 m<sup>2</sup> luxurious three-storey office building, a 120 m high tower, hot-air treatment rooms, a mosque and associated facilities, a raw material building and an open-air product storage room. A highly advanced compressed air and nitrogen chilled water utility system was installed at the factory.

