



TEXAS POWERTECH W.L.L.

تكساس باورتك ذ.م.م.

The Power of Teamwork

Complete Electrical Services & Solutions



+974 4417 8155



+974 4482 1432



P.O. Box : 96811
Doha - Qatar

✉ info@texaspowertech.net



www.texaspowertech.net

INTRODUCTION



- ▶ Texas Powertech, Qatar was established in 2008, as a leading Electrical Services and Solutions provider. Texas Powertech is an ISO certified company having ISO 9001, ISO 14001 & ISO 45001 and fully committed to implement the Integrated Management System.
- ▶ Texas Powertech has evolved in to a reliable, highly efficient, and competent contracting company over these years. Our success is measured by the excellence of our successfully completed projects on timely manner and achieving our client's requirements with high standards.
- ▶ Our current business activities involved distinctively in providing expertise services to the fields of Power, Water, Steel Plants, Solar Plants, Industrial Plants, Oil & Gas, Buildings and Infrastructure Development Projects, as well as their associated facilities.
- ▶ The company has a strength of 150+ highly skilled work force based in Qatar. Texas Powertech governs by a team of apex notch professionals, expert project management personnel, and efficient pool of technical manpower.



1. CONTRACTING DIVISION



EHV & HV Department



- ▶ Installation of complete EHV Substations as Kahramaa approved subcontractor. Energized around 50+ numbers of 400kV /220kV /132kV /66kV/ 33kV GIS SS.
- ▶ Installation of Power transformer & Shunt Reactor up to 800 MVA.
- ▶ Installation of Gas Insulated Switchgears up to 400kV
- ▶ Installation of Protection, SCADA & Telemetry panels
- ▶ Installation of Gas Insulated Bus Duct.
- ▶ EHV & HV Cable Laying works.
- ▶ Installation of Overall Substation Grid Earthing works.



MV & LV Department

- ▶ Installation of GIS/AIS Switchgears and associated protection panels up to 33kV
- ▶ Installation, Testing and Commissioning of Package Substations.
- ▶ Installation of Power Transformers up to 33kV, Installation Testing and Commissioning of Distribution Transformers & Auxiliary Transformers.
- ▶ Installation of NER, Capacitor banks, Generator panel, Battery Bank (UPS, Battery charger, etc.)
- ▶ Installation of all LV panels such as MCC, SMDB's, DB's.
- ▶ MV & LV Cable Laying on cable trays, duct banks and in open trenches.
- ▶ Jointing & Terminations for all cable ranges.



Road Works Department (Infrastructure, Tunnels and Underpasses)

- ▶ Installation of all Power, Lighting and Control systems.
- ▶ Installation of all electrical and control panels.
- ▶ Installation & Assembly of High Mast & Street Light Poles of Different heights, multi-segments (5mt up to 30mt)
- ▶ Installation of feeder pillars and service cabinets.
- ▶ Installation & Fabrication of Cable management system.
- ▶ Different types of cable laying & Termination works (Modular Cables, Fire Retardant, LSZH Cables, Control Cables etc.)

Buildings Department

- ▶ Building substations work including installation of LV panels, ATS, capacitor banks and power generators.
- ▶ Various system for high rise building such as Power distribution, Network, Lighting system & Lighting Control (interior, exterior, aircraft and landscape lights), Central battery system, Telephone & Data, ELV system, etc
- ▶ Installation of Busduct system.
- ▶ Electrical rooms implementations including SMDB's, DB's, CBS panel, feeder pillar.
- ▶ Installation of Vertical cable risers and cable management system with all required lifting tools.
- ▶ Installation of Earthing and Lightning System.



2. OPERATIONS & MAINTENANCE DIVISION



Transformers:

- ▶ Annual and Periodic Maintenance
- ▶ Transformer Oil Filtration & Regeneration
- ▶ Oil Leak rectification works
- ▶ Electrical Testing
- ▶ IR Thermography
- ▶ Modifications/Replacement of Accessories
Radiators and Cooling fans
- ▶ Gasket Seal replacement
- ▶ Assisting Tap Switch Modification/Replacement
- ▶ Draining, Vacuuming and Oil Filling works
- ▶ Oil Sampling and Analysis
- ▶ Fabrication & Painting of Transformer Tank,
Radiator, and accessories
- ▶ Provision of Dry Air / Nitrogen Sealing Works

Switchgears:

- ▶ Annual and Periodic Maintenance for MV/LV panels
- ▶ Electrical Testing
- ▶ IR Thermography services



3. RENTAL DIVISION

- ▶ Oil Treatment Plant up to 6000 liter per hour.
- ▶ Vacuum Pump up to 2000Mtr³/hour.
- ▶ Oil Storage Tank 5,000Ltrs to 45,000Ltrs.
- ▶ Dry Air Generator 90Mtr³/hour.
- ▶ BDV Oil Test Kit. ▶ Testing Kits.
- ▶ 25ton Crane. ▶ 10 Ton Boom Truck



4. TRADING DIVISION

- ▶ MAICO cable cleats are designed to meet the EHV cable requirements and are manufactured under strict quality control.
- ▶ Kingsmill Industries (UK) Ltd are a leading manufacturer of earthing materials and lightning protection products for the UK and international markets.
- ▶ Meridian with 35+ years of professional experience supplies Transformer & Lube Oil Filtration / Regeneration machineries, Vacuum systems for Transformer Evacuation and carryout Health camp / service of all old Filtration machines .





2018

Q-Rail Metro Substations – Gold Line Station (Al Sadd, Bin Mahmoud, Joaan, Ras Bu Abboud), Red Line Station (Al Bidda, Musheireb), Green Line Station (Qatar National Library, Hamad Hospital, The White Palace), Doha West stabling Yard.
GE - 33kV Outgoing Cable works - Combined BPS SS.
Qatar Educational City - Tram Tunnel project.
NCC - 220/132/33kV DOHA WEST METRO SUPER S/S, 132/11kV BIRKAT AL AWAMER-5 S/S, 66/11kV BU GARN SS.

2009

M/s.Debaj/ABB - Mesaieed

2008

Company Establishment.
KM Approved Our Product (MAICO Cable Cleats).

2019

QIMC/KLJ - The Caustic Soda factory,
BBC - 132/11kV Al Wukuair - 4 S/S.
Siemens - 66/11kV Meharija 1 S/S,
QATALUM / HITACHI ENERGY - 200MVA / 60MVar Shunt reactor maintenance.
Siemens- 132/11kV Izghawa North-2 SS.

2020

MWANI / Siemens - 22kV Package S/S -3Nos.
Qatar Steel/ Siemens- 6.6kV Bus duct Installation Works
Siemens- 132/11kV Bin Mahmoud-2 S/S & 132/11kV Mazrouha SS.

2021

Siemens Energy- 66/11kV Wadi Al Sail S/S & 66/11kV Luaib S/S.
G.E- LTC-1196/2017- Wams Project
Hitachi Energy - LTC1430- Repair Works Of 2 Nos. Of 200MVA

2022

2011

Hyosung - 66/11kV Al Merghab S/S.
LnT- 132/11 KV- 3 nos. (Al Dhakirah, Umm salal Central, Al Karana) S/S

2010

LnT- 66/11KV EDC (3,4,5) Substation Project.

2012

Hyosung - 220/66/11kV (Naeeja Super, Bani Hajir Super, New Doha B Super) S/S
Qatar Museums - Cable management

2014

LnT - 220/66/11KV Duhail Super S/S
LnT - 132/66/11 KV Al Gharafa S/S

2013

Hyosung - 220/66/11kV Ain Khalid Super S/S & 66/11kV Al Wadi West S/S
LnT - 132/11kV Logistic Village S/S & 220/66/11KV Doha Industrial SUPER S/S.

2017

Ncc - 66/11kV Bufasilah S/S.
LnT / LREDC - 66/11kV – 7 Substation Project (Lusail West-1&2, Lusail North, Lusail Wadi 1&2, Lusail Marina District Cooling Plant, Lusail Qetaifan Island South)

2016

Siemens -66/11kV Khalifat 2 S/S

2015

ISO Certification - (9001:2015, 14001:2015, 45001:2018)
LnT - 132/11kV Substation At Halul Island- Onshore (Qatar Petroleum),
LnT - 220/66/11kV New Port Super S/S & 220/66/11kV Meherja Super SS

TEXAS POWERTECH EXPERIENCE

Qatar Power Transmission System Project Details (Electrical Installation)



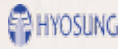
Phase-08- KAHRAMAA Substation Project

66/11KV EDC-3 SS
66/11KV EDC-4 SS
66/11KV EDC-5 SS



Phase-09- KAHRAMAA Substation Project

132/66/11KV SIMAISMA SS
66/11KV Al Khood SS
66/11KV Al Merghab SS



Phase-10- KAHRAMAA Substation Project

220/66/11KV Naeja Super SS
220/66/11KV Bani Hajir Super SS
220/66/11KV New Doha B Super SS
220/66/11KV Ain Khalid Super SS
66/11KV Al Wadi West SS



220/66/11KV Duhail Super SS
220/66/11KV Doha Industrial SUPER SS
132/11KV Substation at Halul Island
ONSHORE (QATAR PETROLEUM)
132/11 KV Madinat Al Kabaan SS
132/11 KV Doha Festival City SS
132/11 KV Al Dhakirah SS
132/11KV Logistic Village SS
132/66/11 KV Al Gharafa SS
132/11 KV Umm salal Central SS
132/11 KV Al Karana SS



Phase-11- KAHRAMAA Substation Project

66/11KV Bufasilah SS
66/11KV PSS 6 SS



220/66/11KV MEHERJA SUPER SS
66/11KV Al Saliyah SS
132/11 KV OLD Airport SS
66/11KV MESAIMEER SS
220/66/11KV NEW PORT SUPER SS



Phase-12- KAHRAMAA Substation Project

220/132/33KV DOHA WEST METRO SUPER S/SS
132/11KV BIRKAT AL AWAMER-5 SS
66/11KV BU GARN SS



400/220/66KV Umm Al Amad Super SS
66/11KV Pearl SS2 SS
66/11KV MUSHERIB SS



66/11KV Meharija 1 SS
66/11KV Khalifat 2 SS



Phase-13- KAHRAMAA Substation Project

132/11KV Al Wukair - 4 SS
132/11KV Old Airport-2 SS



BEST Electrical Engineering & Trading S. J.

66/11KV Wadi Al Sail SS
66/11KV Luaib SS
132/11KV Mazrouha SS
132/11KV Bin Mahmoud-2 SS
132/11KV Izghawa North-2 SS



KAHARAMAA / LREDC Substation Project

66/11KV Lusail west 1 & 2 SS
66/11KV Lusail North SS
66/11KV Lusail Wadi 1 & 2 SS
66/11KV Lusail MARINA DISTRICT COOLING PLANT SS
66/11KV Lusail QETAIFAN ISLAND SOUTH SS



TRANSFORMER & SWITCHGEAR MAINTENANCE PROJECTS

SAMSUNG/DANWAY - Umm Al Houli Power plant - 200MW
- 24 Nos of (60MVA to 355 MVA) transformer
QATALUM / HITACHI ENERGY - 200MVA / 60MVA Shunt reactor
maintenance works
KAHARAMAA / GE - GTC1001- 160MVA Transformer
Replacement at DNS SS
KAHARAMAA / HITACHI ENERGY - LTC1430-Site Investigation &
Repair of ALSTOM Make 200MVA Tx1 & Tx2
KAHARAMAA / GE - GTC897/2017- DGA Project
KAHARAMAA / GE - LTC-1196/2017- WAMS Project

MAIN CLIENTS



END USERS







TEXAS POWERTECH W.L.L

**ZONE - 38, STREET 231, SAHIM BIN HAMAD ST, REGENCY BUSINESS CENTER
BUILDING NO. 95, 4TH FLOOR AL-SADD, DOHA - QATAR**