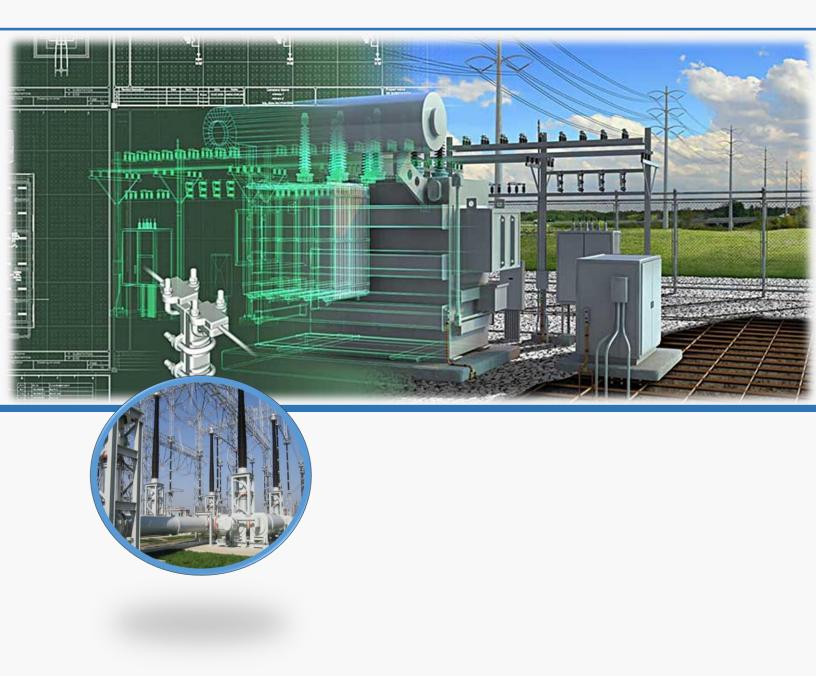


Detailed Engineering Services



Powering Yesterday, Today & Tomorrow

WHO WE ARE?

POWER-tek has over two and half decades of successful business history in power system engineering and smart grid projects. For over 275+ customers in four continents and over 20 countries, POWER-tek has successfully delivered power system engineering solutions. POWER-tek customers include large independent system operators, transmission companies, distribution companies, oil gas companies, government agencies, and commercial banks, international development agencies, construction and consulting companies, large industries, and power project developers. Over 75% annual revenue for past many years from repeat customers proves strong customers trust for POWER-tek.



Representative Projects



Facility management consultant for MFF second power transmission enhancement investment program/Constructing new transmission lines, extending and augmenting existing substations, installing shunt reactor and replacing protection equipment at 11 grid stations

Asian Development Bank/National Transmission & Despatch Company



Saba project site visit and operations review/ Detailed engineering review of substation and machines performance and standards comparisons

Stone & Webster Management Consultants Inc. (Now Shaw Group USA) /EXIM Bank USA



Tripping Analysis, Failure Analysis and New Relay Settings for 115kV King Fahad Industrial Port Jubail Substation SCECO/ Relay Settings for 110kV Yanbu Substation SCECO West

ABB Services Company, Saudi Arabia



Detailed design for connecting gas/thermal power plant SCADA system with power plant control functions/Relay settings of plant substation

Liberty Power Ltd/Tenaga Nasional Generation, Sdn Bhd, Malaysia



Relay settings update after transformer replacement, coordination curves development, fault level simulations and motor starting studies

Gulf Salt Power Company, Saudi Arabia



Substation design review, Specification development/Energy meter testing and energy accounting system, system losses analysis, harmonic analysis and filter design

Sitara Chemicals Industries Ltd.



POWER-tek's GLOBAL REACH

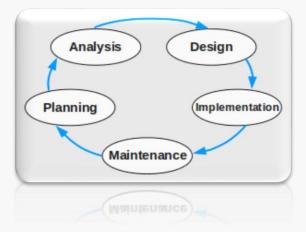


OUR SERVICES:

A combination of strong analytical expertise and life time hands on practical field experience of power systems is differentiating aspect of POWER-tek services. These services cover various aspects of power systems engineering that include planning, analysis, design & engineering, preparation of bid documents & bid evaluation, contract award and project management. POWER-tek has established a reputation for quality and innovative approaches in the following areas, where it has successfully provided services globally in the past 24 years:

ENGINEERING AND DESIGN SERVICES

- New substations
- Extension, Up-gradation and retrofit of all kinds for transmission and distribution substations
 - Site selection, physical layout, complete electrical design and procurement services for substations from LV to EHV
 - Physical and equipment layout design
 - Specialized services, earthing, lightning design
 - Protective relaying design and relay programming
 - Metering system design and testing
 - Capacitor VAR requirements and capacitor bank design
 - SCADA and communications design, integration and testing



CONSULTING SERVICES

- Design and specification review
- Design and construction specification preparation
- Bid evaluation and manufacturer evaluation
- Project plan and control
- Contract administration
- Factory inspection, witnessing of acceptance tests
- Cost estimation, risk assessment and reliability analysis
- On site testing and commissioning services
- Quality and cost control



OUR SAMPLE VALUABLE CUSTOMERS/Solutions Provided for

USA www.pjm.com	USA www.spp.org	Canada www.ieso.ca	GCCIA Saudi Arabia www.gccia.com.sa	USA www.tva.gov
BChydro 😅	hydro	gtz Partner for the Future. Werldwide	Central Alabama Electric Cooperative A Tandanae Energ ^a Cooperative	SOUTH MISSISSIPPI ELECTRIC POWE
Canada www.bchydro.com	Canada www.hydraoone.com	USA www.gatrans.com	USA caec.coop	USA www.cooperativeenergy.com
الشركة السعودية للكهرياء Saudi Electricity Company Empowering Energy				AEP AMERICAN ELECTRIC POWER
Saudi Arabia www.se.com.sa	South Korea www.kepco.co.kr	Pakistan www.ntdc.com.pk	Malaysia www.tnb.com.my	USA www.aep.com
Dominion	FirstEnergy,	amec [®]	An Exelon Company	Jersey Central Power & Light A FretEnergy Company
USA www.dominionenergy.com	USA www.firstenergycorp.com	USA www.amecfw.com	USA www.peco.com	USA www.firstenergycorp.com
Comted. An Exelon Company	A FirstEnergy Company	DP&L	A FirstEnergy Company	BGE
USA www.comed.com	USA www.firstenergycorp.com	USA www.dpandl.com	USA www.firstenergycorp.com	USA www.bge.com
PSEG		Allegheny Energy		ppl
USA www.pseg.com	USA www.atcllc.com	USA www.firstenergycorp.com	USA www.duke-energy.com	USA www.pplelectric.com
OG / E [*] Power at the speed of life.	Nebraska Public Power District Always there when you need us	Westar Energy.	A Tachana Energy Corporative	مینة میاه جاربی Abu Dhabi Water & Electricity Authority
USA www.oge.com	USA www.nppd.com	USA www.westarenergy.com	USA www.wfec.com	Abu Dhabi www.adwea.com
DMAN POWER AND WATER COMPANY	مال المراجع ال مراجع من المراجع			Ansaldo Energia
Oman www.omanpwp.com	Qatar www.km.com.qa	Kuwait www.mew.gov.af	USA www.usaid.gov	USA www.ansaldoenergia.com
	PEPCO	Shaw a world of Solutions	SIEMENS	Power and productivity for a better world ¹¹⁴
Canada www.energy.gov.on.ca	Pakistan www.pepco.gov.pk	USA www.shawgroupltd.com	Germany www.siemens.com	Switzerland www.abb.com
Government of Pakistan Privatisation Commission	TETRA TECH			Stone & Webster Inc. Boston
Pakistan www.privatisation.gov.pk	USA www.tetratech.com	Canada www.hatch.com	Germany www.lahmeyer.de	USA www.s&w.com

POWER-tek Corporate Head office: 2 Robert Speck Parkway, Suite 750 Mississauga, Ontario, L4Z1H8 USA: 3909 Witmer Road, Suite 1045, Niagara Falls, NY 14305 Asia - Middle East: Level 28 Al Habtoor Business Tower, Dubai, UAE

