

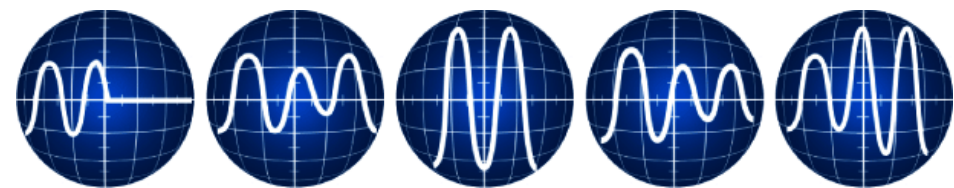


# Company Profile

*Sustainability and Innovation with us*



 Website  
[www.volt-sol.com](http://www.volt-sol.com)



# Volt Solutions Est. (VSE)



## Engineering Power with Precision

Founded in 2016 in Al-Khobar, Saudi Arabia, Volt Solutions Est. is a consulting engineering firm specializing in mission-critical power systems, power quality, testing, controls & instrumentation, and electromagnetic compatibility.

## We offer end-to-end services including:

Design, Studies, Testing, Inspection, Commissioning, Training, Start-up, Performance Verification, O&M Programs, Failure Analysis, and Project Management.





# Engineered Solutions. Proven Results.



## Industries We Serve



Our expertise supports a wide range of sectors:

- Industrial Plants
- Utilities
- Petrochemical & Mining
- Water Treatment
- Data Centers
- Hospitals & Universities
- Commercial Properties
- Electrical & Construction Contractors
- Drilling Industry





SIEMENS



## Our Products & Services Includes:

- Power Factor Correction
- Harmonics Filtration
- Static VAR Generators
- ETAP-Power System Studies
- Thermal Imaging Scanning
- Testing & Commissioning
- Operation & Maintenance
- Power Quality Investigations
- Project Management
- Low Voltage VFD Installation & Commissioning
- Soft Starter Installation & Commissioning
- Power & Control Panels Manufacturing
- Power Quality Monitoring
- Training & Start-up Performance Verification
- UPS
- Contactors
- Relays
- Circuit Breakers





# Why You Should Choose Us?



## ✓ Experts in Power Systems & Engineering

Years of hands-on experience in mission-critical power systems and industrial applications.

## ✓ Commitment to Innovation

Continuous improvement through training, advanced tools, and evolving technologies.

## ✓ Tailored, Results-Driven Strategies

Customized engineering solutions based on real-world data and client needs.

## ✓ Reliable & Cost-Effective Services

Quality results without compromising on budget, timelines, or safety.





# Our Solutions



## Power System Engineering

Volt Solutions Est. offers expert power system studies, including load flow, short circuit analysis, relay coordination, and arc flash assessments. Using tools like ETAP® and SKM®, we provide tailored solutions to enhance the safety, efficiency, and reliability of your electrical infrastructure.

## Testing, Commissioning & System Optimization

We specialize in power factor correction, equipment testing, and commissioning. Our end-to-end services optimize system performance, reduce energy waste, prevent unplanned downtime, and extend the lifespan of your equipment—ensuring compliance and minimizing operational costs.



# Company Vision & Mission

## > Vision

To be a leading force in Saudi Arabia's electrical engineering sector—delivering high-performance power systems that support industrial growth, reduce energy waste, and set new benchmarks for reliability and sustainability.

## > Mission

To provide high-quality, cost-effective electrical services through deep technical expertise, rigorous testing, and 24/7 client support. We aim to exceed customer expectations by aligning every project with specific goals, standards, and operational needs.





# Company Achievement



**2021**

Recognized Power Quality  
Solutions Provider

**2022**

Excellence in Testing &  
Commissioning Services

**2023**

Leader in Power Factor  
Correction (PFC) Implementation

**2024**

Electrical Engineering Service  
Provider of the Year







LV CAPACITOR

ACTIVE FILTERS

STATIC MONITOR

UPS SYSTEM

INFRARED CAM



EATON DRIVES

SOFT STARTERS

LIGHTNING ESE

VOLT STABILISER

POWER ANALYZER



# What Make Us Different?



At Volt Solutions Est., we engineer confidence through expert power solutions backed by a commitment to quality, safety, and innovation.



We combine certified expertise, advanced tools, and proven methods to deliver precise, compliant, and tailored power solutions—from correction to testing and maintenance.



We're not just a service provider—we're your strategic partner in ensuring electrical efficiency, system reliability, and long-term performance.





# Testing & Maintenance Services

Professional testing is the foundation for assessing your equipment's current condition. Volt Solutions Est. has invested over \$100,000 in advanced testing equipment and technician training to provide comprehensive power-related testing services.

## Our Services Include:

- Switchgear & Component Testing and Maintenance
- Cable & Joint Testing (up to 35kV), including VLF with Tan Delta
- Infrared Thermography Scanning
- Substation Testing, Calibration, Cleaning & Repairs
- Capacitor Bank Testing
- Relay Testing, Installation, Calibration & Maintenance
- Energy Meter Testing & Servicing
- Circuit Breaker Testing, Overhaul, Retrofit & Replacement
- Ground Resistance Measurements

**We provide detailed, actionable reports backed by a highly experienced team:**

- Professional Engineer with 25+ years of experience (SCE Registered)
- Engineers with 14+ years of field expertise
- Service Technicians averaging over 15 years of hands-on experience





# Our Clients





# Let's Power the Future Together



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*Let's talk about how we can energize your business and cut your operational costs.*





# Thank You for Your **TIME**

*Your Focus Powers Progress.*

