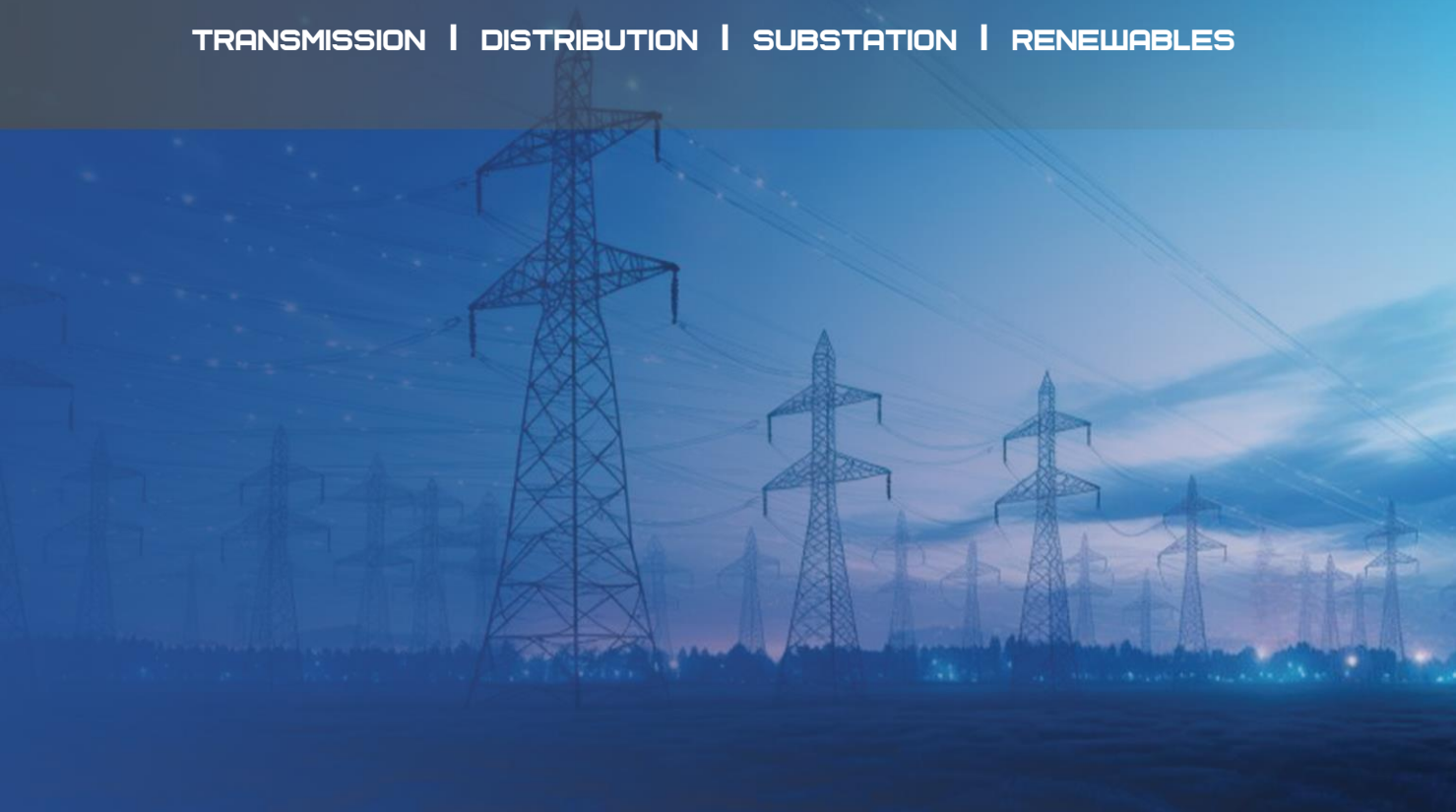




TRANSMISSION | DISTRIBUTION | SUBSTATION | RENEWABLES



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An introduction to our company, values, and commitment to excellence in everything we do.

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Our experience, quality standards, and customer satisfaction make us the preferred choice.

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We proudly serve a diverse range of clients across multiple industries.

.12

## Contact Us

Reach out to us for any inquiries or support our team is always ready to assist.

.13

# 01

## ABOUT US

IGEC Arabia is a Saudi-owned Electrical contracting company delivering excellence across the power sector covering Generation, Transmission, and Distribution. Originally founded in Egypt in 2017, IGEC rapidly expanded across Africa and the Gulf, rebranding since 2020 as IGEC Arabia to reflect its Saudi market leadership.



Our headquarters and manufacturing facility are based in Al Khobar, Eastern province, Saudia Arabia, with additional offices in Cairo, Egypt . Backed by highly skilled engineers and technicians, we specialize in panel building & Integration , Site field integration, engineering, testing, and commissioning of electrical substations for power, industrial, residential, and utility projects.

---

# 02



## VISION

To become a recognized leader in Saudi Arabia's power and energy sector, renowned for delivering cutting-edge engineering solutions and locally manufactured panels that drive national development and system reliability.



# 03



## MISSION

To provide high-quality, reliable engineering, testing, and commissioning services for electrical substations across the Kingdom, while manufacturing and integrating advanced panel systems that support smart, secure, and sustainable power networks.



# 04

—



# GOALS

- Enhance electrical infrastructure across Saudi Arabia and the
- Deliver high-performance, safety-first solutions tailored to each client.
- Strengthen local manufacturing and innovation in the energy sector.
- Maintain long-term partnerships through transparency, quality, and client success.
- Expand our regional footprint while contributing to national development goals.

As the General Manager of IGEC ARABIA, I am honored to represent a company defined by technical strength, service excellence, and a relentless commitment to quality. Operating in the heart of the Kingdom's power sector, we offer integrated engineering and field service solutions that support national infrastructure and energize tomorrow's progress.

Our work spans across complex electrical projects, from precision field services to customized control, protection, and power panel assembly. With our manufacturing facility and expert engineering teams, we deliver end-to-end solutions that meet the evolving demands of industrial, commercial, and utility clients.

What makes IGEC ARABIA truly exceptional is not just the technologies we employ but the people behind them. Our team is made up of skilled professionals who bring knowledge, accountability, and innovation to every project. We take pride in building trusted relationships and turning challenges into reliable outcomes.

We remain deeply committed to continuous improvement, strategic growth, and serving with integrity.

Our clients' trust is the foundation of our success and we look forward to powering many more milestones together.

Warm regards,

**General Manager  
IGEC ARABIA**

*Ahmed Seleem*

06



# OUR SERVICES

# 01

## Testing & Commissioning of Electrical Substations

At IGEC ARABIA, our Testing & Commissioning division ensures the reliability, safety, and performance of critical electrical power systems across various voltage levels. Our services are designed to verify and certify infrastructure functionality before operation backed by engineering expertise and strict compliance with international standards.



We provide professional Testing & Commissioning for:

- Power Systems
- Generation Equipment
- Transformers (LV/MV/HV)
- UP 380kV High Voltage Networks & Substations
- Transmission Lines & Underground Cables

We offer high-quality expertise in:

- Testing of protective relays of all types and manufacturers
- Primary injection testing, busbar & transformer stability checks
- Testing of GIS substations at 132kV, 230kV, and 380kV voltage levels
- Commissioning of outdoor & indoor Air and Gas switchgears up 69 kV



- Performing accurate on-load electrical measurements
- Testing of ACDBs, DCDBs, auxiliary transformers, RMUs & NERs
- Smart grounding system assessments using precision instruments
- Deployment experienced testing engineers with world-class test equipment on project hire basis
- Testing of Generator Protection Systems, Control Panels & Distributed Control Systems (DCS)
- Tower Earthing Resistance Measurement for transmission safety verification
- Actual Line Parameter Measurement for accurate load flow analysis
- Testing of Transformers, Shunt Reactors & Capacitor Banks (LV/MV/HV)
- Vacuum Services for system purification and insulation integrity
- Tan Delta Testing for insulation health diagnostics
- Up to 132kV Power Cable conditions assessments
- Frequency Response Measurement (FRA) for winding deformation assessment
- On Load Tap Changer (OLTC) & Cooling Fan Testing for transformer operation assurance
- Transformer Testing Capability ranging from 0.5 MVA to 400 MVA



## 02

### **2 - Engineering & Installation Services**

We provide complete turnkey solutions for the engineering and installation of electrical systems. From detailed design and layout to on-site implementation, our team ensures seamless integration, safety compliance, and operational efficiency across power generation and distribution projects.

---

03

### 3 - Onsite Panels and Protection Systems Retrofitting

IGEC Arabia offers retrofitting services for aging or outdated protection systems and panels. Our retrofit solutions upgrade system reliability and performance without major overhauls extending asset life while maintaining full system integrity.



04

### 4 - System Maintenance (TAM) & Upgrades

We provide We deliver periodic Technical Assistance & Maintenance (TAM) services and system upgrades to ensure continuous operation, safety, and minimal downtime. Our scope includes preventive maintenance, diagnostics, and replacement of aging components.

# 05

## 5 - Electrical Panel Integration

Our in-house integration team specializes in assembling, wiring, and testing low and medium voltage panels customized to project needs. We ensure optimal functionality, compatibility with protection control systems, and compliance with SEC, Aramco, and IEC standards.



# 06

## 6 - Project Management & Technical Consulting

IGEC Arabia supports clients with expert technical consulting and end-to-end project management services. From feasibility studies to project execution, we ensure projects are delivered on time, within budget, and aligned with regulatory and technical benchmarks.

# 07



# PRODUCTS



IGEC Arabia Panels are supplied for Generation, Transmission, and Industrial Applications up to 132kV

---

# 01

## 1 - Relay Panels

- Underground/Line Feeder Relay Panel
- BC Relay Panel
- Bus Section Relay Panel
- Busbar Protection Panel
- Load Shedding Panel
- Transformer ACSE Panel



# 02

## 2 - Control Panels

- Transformer Control Panel
- Synchronization Panel
- Line/Feeder Control Panel
- Bus Coupler Control Panel
- Bus Section Control Panel
- RTCC/AVC Panel
- Annunciator & Marshalling Panel

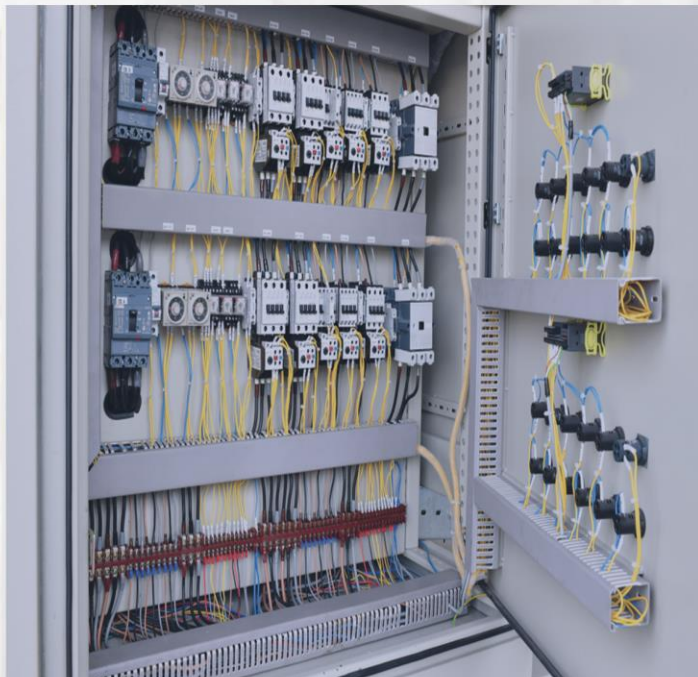
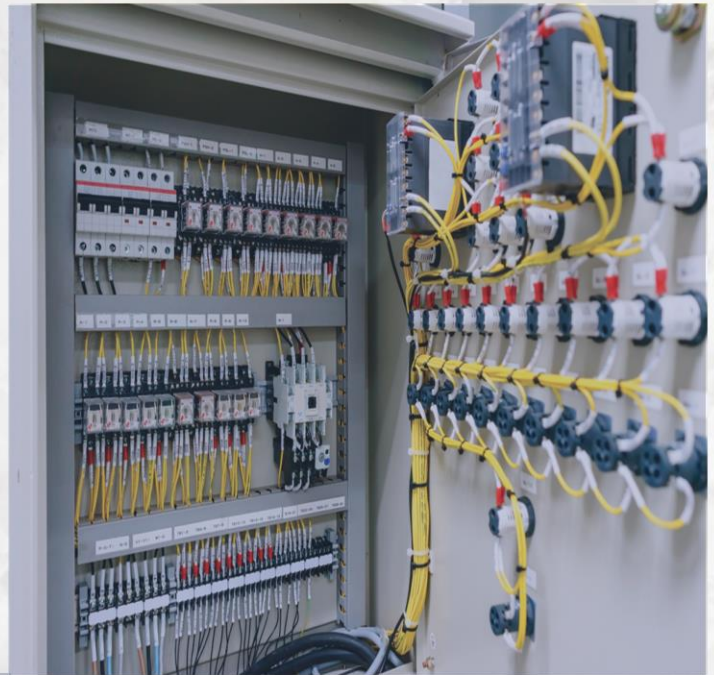
IGEC Arabia Panels are supplied for Generation, Transmission, and Industrial Applications up to 132kV

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# 03

## 3 - Automation Panels

Our Automation Panels support smart grid technologies and digital substation initiatives. They are designed for seamless SCADA integration, real-time control, and remote monitoring enhancing operational efficiency and reducing downtime.



# 04

## 4 - Customs Power Panels

Custom Power Panels are tailored to meet unique client requirements, integrating power distribution, metering, and protection functions into compact, user-friendly enclosures suitable for industrial and infrastructure projects.

IGEC Arabia Panels are supplied for Generation, Transmission, and Industrial Applications up to 132kV

---

## 5 - Custom Electrical Panels

We design and manufacture custom-built electrical panels for various applications including motor control, load management, and renewable energy systems. All panels are engineered to meet client specs and tested to the highest industry standards



# 08



# 08

## EQUIPMENT

At IGEC Arabia, we utilize state-of-the-art testing and diagnostic tools to ensure the highest standards of quality and accuracy in our operations. Our equipment inventory includes:



- \* Omicron Relay Testing Kits (CMC series)
- \* Omicron CPC 100 Complete Set.
- \* Omicron CT analyzer.
- \* High Voltage Test Sets (AC/DC)
- \* Tan Delta and Capacitance Testers
- \* Circuit Breaker Analyzers
- \* Primary and Secondary Injection Kits
- \* Transformer Oil Filtration and Vacuum Systems
- \* Frequency Response Analyzer (FRA)
- \* Earth Resistance and Soil Resistivity Testers
- \* CT/PT Analyzers
- \* Battery Load Testers and DC System Analyzers
- \* Thermal Imaging Cameras and Digital Insulation Testers
- \* Advanced Multimeters and Clamp Meters

# 09

## EMPLOYEE

### TRAINING & DEVELOPMENT



**IGEC Arabia strongly believes in empowering our workforce through continuous training and skill development. We offer:**

- \* Regular safety & Quality training and certification programs
- \* Technical workshops on relay testing, panel integration, and commissioning
- \* Hands-on sessions using real equipment in our training labs
- \* Vendor-led seminars on the latest protection and control technologies
- \* Leadership and project management training for engineers and site managers
- \* Annual competency evaluations and upgrade paths for all technical staff



# 10

“

## **CERTIFICATIONS & APPROVALS**

Our commitment to quality, safety, and compliance is backed by a robust certification framework. IGEC Arabia holds certifications and recognitions from trusted bodies, including:

- \* ISO 9001:2015 – Quality Management Systems
- \* ISO 45001:2018 – Occupational Health and Safety Management
- \* Vendor Approvals from major utility companies and industrial clients
- \* Compliance with SEC, Aramco, and major energy standards
- \* In-house QA/QC protocols for all manufactured panels and installed systems
- \* Periodic audits and renewals by third-party inspection agencies



11



11

## WHY CHOOSE IGEC ARABIA



Extensive Experience



Complete Solutions



Regional Expertise



Local Manufacturing



Client-First Philosophy



Slogan: Built to Energize. Engineered to Lead.

# 12



## CLIENTS

IGEC Arabia has partnered with prominent asset owners and contractors in the power and infrastructure sectors across Saudi Arabia, Egypt, and Africa, building a strong reputation for quality and commitment.



JGC Holdings  
Corporation

أرامكو السعودية  
Saudi Aramco



الشركة السعودية للكهرباء  
Saudi Electricity Company



GE VERNOVA



ENOVA  
by VEOLIA



نقل الكهرباء  
National Grid SA

مِرافِيق  
MARAFIQ

سابك  
SABIC



12



# CLIENTS

IGEC Arabia has partnered with prominent asset owners and contractors in the power and infrastructure sectors across Saudi Arabia, Egypt, and Africa, building a strong reputation for quality and commitment.





## Contact US Now

Reach out to us for any inquiries or support  
our team is always ready to assist.



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