

Kenya Mega Electricity Expo: Powering East Africa's Energy Future!

East Africa's New Gateway to Power, Energy, and Electrical Solutions

The Kenya Mega Electricity Expo will showcase the future of power generation, smart grid technology, and scalable energy solutions for East Africa's rapidly growing infrastructure!

The East African energy landscape is shifting toward infrastructure expansion and modernization, with Kenya leading the charge. Elan Expo is proud to announce the 1st Edition of Kenya Mega Electricity Expo, a grand lounge event taking place on 13-15 October in Sarit Expo Centre, Nairobi, Kenya.

Kenya: A Strategic Energy Hub Ready for Transformation

With a rapidly growing economy and a regional push for enhanced power access, Kenya represents a highly dynamic market for energy technology. While the country boasts an impressive green energy mix—with nearly 90% of its grid electricity generated from renewable sources like geothermal, wind, and solar—and has expanded its national database to over 10.2 million connected customers, critical infrastructure gaps remain. Kenya experiences a staggering 16% system loss of generated power due to aging transmission and distribution networks. To combat this, the Kenya Electricity Transmission Company (KETRACO) has launched its long-term Master Plan to construct 6,510 kilometers of new transmission lines and 18,866 MVA of transformation capacity.

The demand for cutting-edge infrastructure, automated distribution systems, and efficient electrical engineering solutions is at an all-time high to resolve these grid constraints and prepare for massive mega-projects like the US\$1 billion Microsoft, G42, and EcoCloud 100 MW geothermal-powered data center campus. This inaugural event bridges these critical market gaps by introducing global technology providers to East African stakeholders. Government-led initiatives and regional trends are accelerating this transformation:

- **Massive Last-Mile and Regional Expansion:** Backed by the World Bank, EU, and JICA to connect an additional 805,000 households, alongside state programs like the KSh8.4 Billion electricity expansion project in Northern Kenya.
- **Decentralized Energy & Mini-Grids:** Active deployment of dozens of solar hybrid mini-grids and battery storage systems (BESS) to power remote communities off the main grid.

- Modernization of Smart Grids: Rapid integration of smart metering, time-of-use tariff systems, and automated industrial power management to handle peak demands.
- Kenya's Leadership as East Africa's Hub: Serving as the central trade gateway and regional cross-border electricity interconnectivity anchor (such as expanded imports from Ethiopia).
- Supportive Private Investment Frameworks: New open-access regimes allowing private power purchase agreements (PPAs) and landmark transmission PPPs with entities like Africa50.

The Kenya Mega Electricity Expo will serve as the definitive strategic meeting point for global manufacturers, policymakers, engineers, and utility leaders to bridge these infrastructure gaps and shape the future of power across the region.

Why this creates a compelling case for exhibitors:

- The Sourcing Gap: Kenya has the power generation capacity, but it severely lacks the local manufacturing for the cables, transformers, smart meters, and grid-stabilization technologies needed to upgrade the grid.
- The Funding/PPP Boom: With the government actively moving toward Transmission PPPs, international companies have a direct, structured route to bid on massive state-backed tenders.
- Industrial Demand: High-tech sectors (like the incoming boom of hyperscale data centers) require premium-grade power security, backup UPS systems, and industrial automation equipment that can only be sourced globally.

Connecting the Global Power Sector to East Africa

As a premier lounge event, this first edition is designed to establish a new benchmark for the regional energy industry. The expo will drive strategic partnerships, unveil cutting-edge equipment, and accelerate market growth across power generation, transmission, and electrical engineering.

The exhibition provides a truly international scope, gathering top-tier global brands, leading regional distributors, and key institutional buyers under one roof to foster cross-border collaboration and secure high-value trade agreements.

Advancing the Energy Industry: Insights, Innovation, and Opportunities

The Kenya Mega Electricity Expo will feature a series of dynamic conferences, technical seminars, and workshops led by industry authorities. These sessions will offer expert insights and practical guidance across key sectors of the electricity and energy ecosystem, covering topics such as:

- Smart Grid Technology and digital distribution networks.
- Renewable Energy Integration into national grids.
- Industrial Automation and energy efficiency for manufacturing.
- Safety, Compliance, and Testing Standards for electrical installations.

- Funding and Investment Models for large-scale infrastructure projects.

One Venue. Two Powerful Sectors. Endless Opportunities.

Co-located with Mega Clima Kenya, the expo seamlessly bridges the electrical and power supply chains with East Africa's premier HVACR (Heating, Ventilation, Air Conditioning, and Refrigeration) exhibition.

This highly strategic co-location ensures a massive synergy, allowing exhibitors to connect directly with cross-industry decision-makers. Exhibitors will meet high-value buyers from:

- Government Utilities & Power Authorities
- Electrical Contractors & MEP Engineers
- Real Estate Developers & Commercial Project Managers
- Industrial Plants & Factory Managers
- Importers, Wholesalers, and Distributors

This powerful structural synergy doubles visitor traffic, boosts brand visibility, and delivers an exceptional return on investment for all participants.

Key Electricity Growth Sectors

If your company is part of the power and electrical ecosystem, this is your must-attend platform. Key exhibitor profiles include:

- ✓ Power Generation Equipment & Alternators
- ✓ Transmission & Distribution Systems
- ✓ Smart Grid, Metering, and Automation Technologies
- ✓ Renewable Energy Solutions (Solar, Wind, Geothermal)
- ✓ Cables, Switchgears, and Transformers
- ✓ Lighting Systems & Building Electrical Infrastructure
- ✓ Backup Power Solutions, UPS, and Industrial Batteries
- ✓ Electrical Safety Equipment, Testing, and Measurement Tools

Why Exhibit: Your Brand. The Right Market. Perfect Timing.

- Lead the energy revolution in East Africa's most robust economic hub.
- Solve urgent sourcing and infrastructure challenges with your innovative solutions.
- Engage directly with government agencies, regulatory bodies, and major trade leaders.
- Access the broader East African Community (EAC) using Kenya's strategic geographic location.
- Secure first-mover advantage at this premier launch edition of the expo

The Kenya Mega Electricity Expo is more than a trade show — it's a launch pad for sustainable development, infrastructure investment, and technological progress. Join us in Nairobi to help power East Africa's future and make your brand the regional benchmark for quality and engineering excellence.

Save the Date!

 Venue: Sarit Expo Centre , Nairobi, Kenya

 Date: October 13–15, 2026

 Time: 10:00 AM – 5:00 PM daily

About Elan Expo

Elan Expo is a globally active B2B event organizer headquartered in Istanbul, with six additional offices across Africa. With a team of over 80 professionals, Elan Expo manages more than 19 top-tier international trade shows annually across the African continent and has a strong presence in key emerging markets such as Nigeria, Kenya, Ghana, Morocco, and Algeria.

With deep expertise in connecting industries and markets, Elan Expo drives business growth in key sectors including ceramics, interior design, water treatment, HVACR, construction, electricity, and agriculture

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